

CONNECT WHAT'S



Gaylord National Hotel, National Harbor, MD

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The Society of Surgical Oncology (SSO) and the James Ewing Foundation (JEF) recognize the essential role that health care organizations play in furthering the mission of the Society. The SSO and the JEF thank our partners for their generous support of the 2013 SSO Annual Cancer Symposium and other important SSO and JEF programs

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2013
March 6-9

Gaylord National Hotel, National Harbor, MD

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# DAILY EVENTS

Tuesday, March 5

3:00 - 6:00 pm Speaker Ready Room

Chesapeake 6

4:00 - 6:00 pm Registration for Pre-Meeting

Mini-Course: Advances and Updates

in Clinical Surgical Oncology

Prince George's A/B Prefunction

Wednesday, March 6

7:00 am - 7:00 pm

- 7:00 pm Speaker Ready Room

Chesapeake 6

6:30 am - 6:00 pm Registration for Pre-Meeting

Mini-Course: Advances and Updates in Clinical Surgical Oncology –

Ticket Required

Registration for 66th Annual

Cancer Symposium

Prince George's A/B Prefunction

9:00 - 11:45 am *Pre-Meeting Mini-Course: Advances* 

and Updates in Clinical Surgical Oncology Genes, Targets and New Therapeutic Opportunities – Ticket Required

National Harbor 4/5

10:00 - 10:15 am Genes, Targets and New Therapeutic

Opportunities – Refreshment Break

10:00 am - 5:00 pm Executive Council Meeting

National Harbor 2

Noon - 1:00 pm Pre-Meeting Mini-Course: Advances and

Updates in Clinical Surgical Oncology Luncheon Symposium - Strategies for Incorporating Mid-level Providers into Practice: Promoting Shared Care and Maintaining Financial Viability —

Ticket Required

National Harbor 10/11

1:15 - 5:00 pm Pre-Meeting Mini-Course: Advances and

Updates in Clinical Surgical Oncology
Updates in Clinical Surgical Oncology —

Ticket Required

National Harbor 4/5

Wednesday, March 6 (c	continued)
*	,
3:00 - 3:15 pm	Updates in Clinical Surgical Oncology
	Refreshment Break
5:30 - 7:30 pm	Dinner Symposium: Demystifying Margins
	in Breast Conserving Surgery –
	Symposium Registration Required
	National Harbor 10/11
Thursday March 7	

0.00 P.00 piii	in Breast Conserving Surgery – Symposium Registration Required National Harbor 10/11
Thursday, March 7	
6:00 am - 6:00 pm	Registration for 66th Annual
	Cancer Symposium
	Prince George's A/B Prefunction
6:00 am - 7:00 pm	Speaker Ready Room
	Chesapeake 6
6:30 - 8:00 am	Independent Satellite Symposium
	Novel Therapeutic Approaches for
	Stage III and Stage IV Melanoma
	Breakfast supported by an educational
	grant provided from Merck & Co., Inc.

	i otomac D
7:00 - 8:00 am	Non-CME Industry Forum Breakfast
	Rationale for Oncolytic Immunotherapy
	presented by Amgen, Inc.
Potomac C	

7:1	00 - 8:00 am	Corporate Relations Committee
Chesapeake 3		
7:	00 - 8:00 am	Hepatobiliary Disease-site Work Group
		National Harbor 8

Chesapeake 5 Symposium: Building Multidisciplinary 8:00 - 10:00 am Cancer Care Teams and Participating

**Training Committee** 

7:00 - 11:00 am

in Clinical Trials in the Community Cancer Center

National Harbor 2/3

Symposium: Controversies in

8:00 - 10:00 am Pancreatic Cancer National Harbor 10/11

10:00 - 10:15 am Refreshment Break Symposium: The Role of Surgeons in 10:15 am - 12:15 pm

> Cooperative Group Studies National Harbor 2/3

<b>Thursday, March 7 (coi</b> 10:15 am - 12:15 pm	Joint SSO and Japanese Society of Gastroenterological Surgeons (JSGS) Symposium: Updates and Controversies in Gastric Cancer National Harbor 10/11
Noon - 1:00 pm	Surgical Oncology Program Directors Subcommittee National Harbor 5
Noon - 1:00 pm	Gastrointestinal Disease-site Work Group <i>National Harbor 8</i>
Noon - 1:00 pm	Continuing Medical Education Committee Chesapeake 3
12:15 - 1:15 pm	SSO New Member Luncheon (By invitation only) <i>Potomac 1</i>
12:15 - 1:15 pm	Non-CME Industry Forum Luncheon The Present and Future of Genomics in the Management of Breast, Prostate and Colon Cancer presented by Genomic Health, Inc. Potomac C
12:15 - 1:15 pm	Non-CME Industry Forum Luncheon Laparoscopic Surgical Approaches and Use of Advanced Energy in Pancreatic and Esophagogastric Cancers presented by Ethicon Potomac D
12:15 - 1:15 pm	Lunch on Own
1:15 - 3:15 pm	Symposium: Complex-Locoregional Therapy Issues in Breast Cancer <i>National Harbor 2/3</i>
1:15 - 3:15 pm	Symposium: Melanoma: Controversies and Updates  National Harbor 10/11
1:15 - 3:15 pm	Symposium: Rectal Cancer: Is the Surgeon Still Necessary?  National Harbor 12/13
1:30 - 2:30 pm	Breast Program Directors Subcommittee

3:15 - 3:30 pm Refreshment Break

National Harbor 5

Thursday, March 7 (d	continued)
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3:30 - 5:45 pm Parallel Sessions

**Breast Cancer** 

National Harbor 2/3

Melanoma Cancer

National Harbor 10/11

**Upper Gastrointestinal Cancer** 

National Harbor 12/13

3:30 - 6:00 pm James Ewing Foundation Board Meeting

National Harbor 5

4:00 - 5:30 pm Annals of Surgical Oncology

Editors Meeting

Chesapeake 3

5:00 - 6:00 pm Colorectal Disease-site Work Group

National Harbor 8

6:00 - 7:30 pm Welcome Reception

Prince George's A/B Exhibit Hall

6:00 - 7:30 pm View Exhibits and Posters

Prince George's A/B Exhibit Hall

### Friday, March 8

6:00 am - 6:30 pm Speaker Ready Room

Chesapeake 6

6:00 am - 4:00 pm Registration for 66th Annual

Cancer Symposium

Prince George's A/B Prefunction

6:30 - 7:30 am Meet the Professor Breakfasts -

Ticket Required

Management of Locoregional

Recurrence of Melanoma

Potomac 2

Establishing a Program in Minimally

Invasive Esophagectomy

Potomac 3

Surgical Approaches to Functional

Neuroendocrine Tumors

Potomac 4

Preventing and Managing Complications

After Pancreatic Cancer Surgery

Potomac 5

How to Get Published in a High Impact

Medical Journal

Potomac 6

Post-mastectomy Radiotherapy, Impact

on Surgical Decision Making

Chesapeake 8

# Friday, March 8 (continued)

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	Minimally Invasive Approaches to
	Rectal Cancer
	Chesapeake 9
	Complex Case Conference – Hepatobiliary Potomac 1
7:45 - 8:00 am	Welcome and Announcements  Potomac Ballroom A/B
8:00 - 8:45 am	Plenary Session I  Potomac Ballroom A/B
8:50 - 9:45 am	Plenary Session II  Potomac Ballroom A/B
9:45 - 10:15 am	Refreshment Break, View Posters and Exhibits in the Exhibit Hall <i>Prince George's A/B Exhibit Hall</i>
10:00 - 11:00 am	Educational Products Committee <i>Chesapeake 3</i>
10:15 - 11:00 am	Clinical Investigator Award Presentations <b>Potomac Ballroom A/B</b>
11:00 - 11:45 am	Presidential Address  Potomac Ballroom A/B
11:45 am - 12:45 pm	Lunch, View Posters and Exhibits in the Exhibit Hall
11.15	Prince George's A/B Exhibit Hall
11:45 am - 12:45 pm	Scientific Program Committee  Chesapeake 7
11:50 am - 12:45 pm	Hands-On Product Demonstrations in the Exhibit Hall
	Dune Medical Devices, Inc.
	Intraoperative Margin Assessment with the MarginProbe® Systems
	Ethicon Advanced Energy Surgical Devices in Laparoscopic Distal Pancreatectomy Prince George's A/B Exhibit Hall
Noon - 1:00 pm	Corporate Appreciation Luncheon (By invitation only)  Chesapeake 9
12:45 - 1:00 pm	Distinguished Service Award  Potomac Ballroom A/B
1:00 - 1:45 pm	American Cancer Society/SSO Basic Science Lecture  Potomac Ballroom A/B

1:45 - 3:15 pm The Surgical Oncology Workforce of

the Future – An Update on Program Accreditation, Board Certification, and

Maintenance of Certification

National Harbor 10/11

1:45 - 3:15 pm The Challenge of Surgical

Decision Making in the Era of

Personalized Medicine

National Harbor 2/3

2:00 - 3:00 pm SOSAP

Chesapeake 3

2:00 - 3:00 pm Endocrine Head/Neck Disease-site

Work Group **Chesapeake 7** 

3:15 - 3:45 pm Refreshment Break, View Posters and

Exhibits in the Exhibit Hall

Prince George's A/B Exhibit Hall

3:45 - 5:45 pm Parallel Sessions

Sarcoma

National Harbor 4/5

**Endocrine Cancer** 

National Harbor 12/13

Colorectal Cancer *National Harbor 2/3* 

Hepatobiliary Cancer

National Harbor 10/11

Quality Improvement/Clinical Outcomes

Chesapeake 4/5

#### Saturday, March 9

6:30 am - 4:30 pm Speaker Ready Room

Chesapeake 6

6:00 am - 4:00 pm Registration for 66th Annual

Cancer Symposium

Prince George's A/B Prefunction

6:30 - 7:30 am Meet the Professor Breakfasts -

Ticket Required

Nonresectional Therapy for Hepatic Colorectal Metastases: Patient Selection and Approaches

Potomac 3

Application of Robotics in Upper GI

Cancer Surgery

Potomac 4

# Saturday, March

	Management of Recurrent GIST
	Potomac 5
	Hilar Cholangiocarcinoma  Potomac 6
	Optimizing Locoregional Treatment Strategies for Merkel Cell Carcinoma Chesapeake 8
	Recurrent Thyroid Cancer Chesapeake 9
	Complex Case Conference - Breast Cancer <b>Potomac 1</b>
	Complex Case Conference - Colorectal Cancer <b>Potomac 2</b>
6:30 - 7:30 am	Breast Disease-site Work Group Chesapeake 3
7:30 - 9:00 am	The DIN around DCIS: Cancer or Not? National Harbor 2/3
7:30 - 9:00 am	Controversies in Endocrine Surgery: The Debate Rages On <i>Potomac Ballroom A/B</i>
7:30 - 9:00 am	Tumor Board: Soft Tissue Sarcoma National Harbor 12/13
9:00 - 9:45 am	James Ewing Lecture  Potomac Ballroom A/B
9:00 - 10:00 am	Melanoma Disease-site Work Group Chesapeake 5
9:45 - 10:15 am	Refreshment Break, View Posters and Exhibits in the Exhibit Hall <i>Prince George's A/B Exhibit Hall</i>
10:00 - 11:00 am	Outreach Committee <i>Chesapeake 3</i>
10:15 - 11:00 am	John Wayne Clinical Research Lecture <i>Potomac Ballroom A/B</i>
11:00 am - 12:30 pm	Top Rated Videos  National Harbor 2/3
11:00 am - 12:30 pm	How to Harness Social Media and the Web in Your Practice <b>Potomac Ballroom A/B</b>

11:30 am - 12:30 pm

Technology and Communications

Committee

Chesapeake 5

# Saturday, March 9 (continued)

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Noon - 1:00 pm	
	Work Group
	Chesapeake 3
12:30 - 1:30 pm	Lunch, View Posters and Exhibits
	in the Exhibit Hall
	Prince George's A/B Exhibit Hall
12:30 - 1:30 pm	Membership Committee
•	Chesapeake 4
1:30 - 3:30 pm	Susan G. Komen for the Cure®
	Symposium: MRI in Breast Cancer –
	Where Are We Now?
	National Harbor 2/3
1:30 - 3:30 pm	Advances in Hepatobiliary Malignancy
•	Potomac Ballroom A/B
3:30 - 3:45 pm	Refreshment Break
3:45 - 5:15 pm	Great Debates
•	Potomac Ballroom A/B
5:15 - 6:00 pm	Town Hall and Annual Business Meeting
·	Potomac Ballroom A/B
7:00 - 9:30 pm	President's Reception and Dinner
	Potomac Ballroom C123

# President's Reception and Dinner

7:00 - 9:30 pm, Saturday, March 9
Tickets Required
Potomac Ballroom C123

SSO President Dr. Monica Morrow invites you to join her Saturday evening for cocktails and a buffet dinner. The new format of the Saturday evening event will provide lots of opportunities for connecting with friends and colleagues to discuss all the news from the meeting.

Partially supported by the American Joint Committee on Cancer and the Commission on Cancer.

# **EDUCATION INFORMATION**

# **Target Audience**

This activity is intended for all surgeons and other healthcare professionals who are involved in the treatment of patients with cancer.

### **Overall Educational Objectives**

- Discuss recent updates and current controversies in the multidisciplinary management of patients with breast cancer, melanoma, sarcoma, pancreatic and hepatobiliary malignancies, thyroid cancer, colorectal cancer and neuroendocrine tumors
- Describe advances and innovations in targeted therapies, based on an improved understanding of molecular genetics, including state-of-the-art integration into the management of solid tumors
- Discuss advances in basic and translational sciences, including demonstration of an understanding of prognostic and predictive assays, through presentations of original research performed by members of the Society
- Explain the evolving role of non-physician health care providers in integrated cancer care, applying concepts of determination of practice workflow, optimizing financial outcomes and patient satisfaction
- Recognize the role of the Surgeon in Cooperative Group Studies and in the support of Clinical Trials in the Community Cancer Center
- Describe the evolving role of social media in patient care
- Discuss the role of accredited surgical oncology education in the framework of board certification and maintenance of certification, and its potential impact on the future workforce

#### **Accreditation**



The Society of Surgical Oncology (SSO) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide

continuing medical education for physicians.

# **Designation**

The Society of Surgical Oncology (SS0) designates this live activity for a maximum of 35.5 *AMA PRA Category 1 Credits* $^{\text{TM}}$ . Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### **Acknowledgement**

This activity is supported by independent educational grants from Agendia, Inc., Amgen, Inc., Dune Medical Devices, Inc., Ethicon, Hologic, Inc., and Merck & Co., Inc.

This activity is supported by independent educational grants from American Cancer Society, Colon Cancer Challenge Foundation, James Ewing Foundation, John Wayne Foundation and Susan G. Komen for the Cure®.

Complete information will be provided to participants prior to the start of the activity.

# Claim CME Credit for the 66th Annual Cancer Symposium Online

Claim your CME credit for the 66th Annual Cancer Symposium at the CME kiosks near the registration area.

We encourage you to complete your evaluation and claim credit while on site. However, SSO members and other attendees may also claim credit from their home or office computers by logging on to https://show.jspargo.com/ssocme13/ prior to June 30, 2013.

# Join the SSO today!

SSO is the premier organization for surgeons and health care providers dedicated to advancing and promoting the science and treatment of cancer. SSO offers members the education, research and practice management tools they need to serve their patients and their profession.

#### ANNUAL MEETING SPECIAL

SSO will waive the initiation fee if you join the Society before Friday, March 15 — a savings of \$150!

Stop by the SSO Membership Booth in the Prince George's A/B Prefunction.

# **ACGME CORE COMPETENCIES**

The 2013 scientific offerings assist the physician with the six core competencies first adopted by the Accreditation Council for Graduate Medical Education (ACGME) and the American Board of Medical Specialties. Attendees are encouraged to select areas of interest from the program which will enhance their knowledge and improve the quality of patient care.

Scientific session information pages within this program guide will include the number that corresponds with the core competency listed below, so that physicians can easily identify the competencies addressed during the session.

- Patient Care: Provide care that is compassionate, appropriate, and effective treatment for health problems and to promote health.
- Medical Knowledge: Demonstrate knowledge about established and evolving biomedical, clinical and cognate sciences and their application in patient care.
- (3) Interpersonal and Communication Skills: Demonstrate skills that result in effective information exchange and teaming with patients, their families, and professional associates (e.g., fostering a therapeutic relationship that is ethically sound, uses effective listening skills with non-verbal and verbal communication; working as both a team member and at times a leader).
- Professionalism: Demonstrate a commitment to carrying out professional responsibilities, adherence to ethical principles, and sensitivity to diverse patient populations.
- Systems-Based Practice: Demonstrate awareness of and responsibility to larger context and systems of health care. Be able to call on system resources to provide optimal care (e.g., coordinating care across sites or serving as the primary care manager when care involves multiple specialties, professions or sites).
- Practice-Based Learning and Improvement: Able to investigate and evaluate their patient care practices, appraise, and assimilate scientific evidence and improve their practice of medicine.

# NEW WAYS TO SEE THE ABSTRACTS AND PLAN YOUR MEETING

#### **MYITINERARY MOBILE APP**

For optimal use, we recommend: iPhone 3GS, iPod touch (3rd generation+), iPad iOS 4.0 or later

You can download the **Myltinerary app** by searching for "ScholarOne" in the App Store directly from your mobile device. Alternatively, you can access the link below or scan the QR code to access the iTunes page for the app. http://itunes.apple.com/us/app/scholarone-my-itinerary/id497884329?mt=8



Once the Myltinerary app is downloaded, elect the meeting "SSO 66th Annual Cancer Symposium"

### **Myltinerary Web App**

For optimal use, we recommend: iPhone 3GS, iPod touch (3rd generation+), iPad iOS 4.0 or later.

Most mobile devices using Android 2.2 or later with the default browser.

Blackberry Torch or later device using Blackberry OS 7.0 with the default browser.



Download the Myltinerary app by accessing the link below or scanning the OR code

http://download.abstractcentral.com/sso2013/index.htm Once downloaded, you can bookmark the site to access it later or add a link to your home screen.

The Society of Surgical Oncology gratefully acknowledges Amgen Inc. for its support of this online technology.

A pdf of the abstracts is available to all attendees on the SSO 2013 website at:

http://sso2013.abstractcentral.com/planner.jsp

It is also available for SSO members at:

http://link.springer.com/journal/10434/20/1/suppl/page/1

# **NEW AT SSO 2013**

# SSO 2013 Virtual Meeting

Miss a session during the 2013 Annual Cancer Symposium? Wondering how you can still get access to the cutting edge material presented at the meeting? Well this year the SSO is taking the Annual Cancer Symposium online! As a registered conference attendee, you will be able to attend the meeting virtually at no additional charge and view sessions from actual symposia presentations only hours after they occur.

To view sessions from symposia you may have missed, visit the SSO website at www.surgonc.org/vm. You will need your SSO membership ID and password.

\*Sessions from the Wednesday Pre-Meeting will be available for purchase in Spring 2013. Content from the SSO 2010, 2011 and 2012 Annual Cancer Symposia will also be available for viewing.

### **Virtual Meeting Pricing for Non-Attendees**

SSO Members and Non-Members who did not attend the 2013 Annual Cancer Symposium will have access to view sessions beginning the evening of March 7, 2013 by visiting www.surgonc.org/vm. Virtual Meeting will be available for purchase beginning **March 6, 2013**. Fees for non-attendees are listed below.

Virtual Meeting Purchase Dates	Member	Non- Member
March 6 - May 31, 2013	\$399	\$499
June 1 – December 31, 2013	\$299	\$349
January 1 – March 1, 2014	\$199	\$249

# **MOC CAFÉ**

This year at the 2013 Annual Cancer Symposium, the following five (5) sessions occurring on Thursday, March 7, 2013 will provide self-assessment credit towards Part II of the American Board of Surgery (ABS) Maintenance of Certification (MOC) Program.

### 8:00 - 10:00 am

National Harbor 10/11
Controversies in Pancreatic Cancer

#### 10:15 am - 12:15 pm

National Harbor 10/11

Joint SSO and Japanese Society of Gastroenterological Surgeons (JSGS) Symposium: Updates and Controversies in Gastric Cancer

#### 1:15 - 3:15 pm

National Harbor 2/3
Complex-Locoregional Therapy Issues in Breast Cancer

#### 1:15 - 3:15 pm

National Harbor 10/11

Melanoma: Controversies and Updates

#### 1:15 - 3:15 pm

National Harbor 12/13

Rectal Cancer: Is the Surgeon Still Necessary?

Computer kiosks will be available at the Café so that attendees may complete the MOC self-assessment exam online.

# **SOSAP**

# **Surgical Oncology Self-Assessment Program**

Looking for more Maintenance of Certification (MOC) Part II activities focused on Surgical Oncology or need help studying for the Surgical Board Exams? The SSO is launching a new Surgical Oncology Self-Assessment Program (SOSAP) in the Spring of 2013.

SOSAP consists of more than 250 self-assessment questions in six (6) disease site-specific chapters: Breast; Colorectal; Endocrine/Head and Neck; Gastrointestinal; Hepatopancreatobiliary; and Melanoma, Cutaneous Malignancies, and Sarcoma.

Participants will be required to complete the program in its entirety, but on their own time and at their own pace. A score of 80% or higher must be achieved to receive Continuing Medical Education credit and earn self-assessment credits toward Part II of the American Board of Surgery (ABS) MOC Program.

To learn more about the **SOSAP** program, please visit the **SOSAP** kiosk near the SSO Membership Booth on site at the 66th Annual Cancer Symposium.

SOSAP Pricing	Member	Fellow Member	Non- Member	Non- Member Fellow
Early Bird Discount (before May 31, 2013)	\$349	\$249	\$519	\$279
Beginning June 1, 2013	\$399	\$299	\$549	\$329

# HIGH IMPACT CLINICAL TRIALS AND TEAM SCIENCE AT THE SSO

In preparation for even more innovation in 2014, this year's Annual Symposium will showcase three presentations to introduce a new category of abstracts that will be eligible for submission in 2014. The SSO "Team Science Initiative" is designed to allow members to submit findings from high impact clinical trials and/or team science collaborations for presentation at the SSO, even if the work has already been published or presented at another national meeting. Join us in the Breast, Melanoma and Colorectal Sessions to learn more.

# Thursday, March 7, 2013

3:30 - 5:45 pm Breast Parallel Session *National Harbor 2/3* 

#### Thursday, March 7, 2013

3:30 - 5:45 pm Melanoma Parallel Session *National Harbor 10/11* 

#### Friday, March 8, 2013

3:45 - 5:45 pm Colorectal Parallel Session *National Harbor 2/3* 

# GET SSO 2013 ON-SITE UPDATES AND INFORMATION

Be sure to visit **SS02013.org**, leverage the SS0 2013 **Itinerary Planner** and **Mobile App**, and follow **@SocSurgOnc on Twitter** using the hashtag **#SS02013** for up-to-date on-site information!

# MAINTENANCE OF CERTIFICATION

# MOC Part II Certification Thursday, March 7

#### **MOC Sessions**

Self-assessment credits toward Part II of the American Board of Surgery (ABS) Maintenance of Certification (MOC) Program will be offered for the following symposia:

#### 8:00 - 10:00 am

#### National Harbor 10/11

#### **Controversies in Pancreatic Cancer**

#### Obiectives:

- Summarize the current research regarding chemotherapeutic and radiation therapy regimens for pancreatic cancer
- Describe the minimally invasive resection of malignant pancreatic tumors
- Identify the issues surrounding borderline resectable pancreatic cancer

### 10:15 am - 12:15 pm

National Harbor 10/11

Joint SSO and Japanese Society of Gastroenterological Surgeons (JSGS) Symposium: Updates and Controversies in Gastric Cancer

#### Obiectives:

- Identify patients who should be referred for neoadjuvant treatment prior to gastric resection
- Identify patients who should undergo D2 lymphadenectomy
- Recognize patients who may harbor the CDH1 mutation for hereditary gastric cancer
- Identify patients that may be appropriate for minimally invasive approaches

#### 1:15 - 3:15 pm

#### National Harbor 2/3

#### Complex-Locoregional Therapy Issues in Breast Cancer

#### Obiectives:

- Summarize the sentinel neoadjuvant endocrine therapy trials and the outcomes compared to adjuvant therapy
- Identify eligible patients for neoadjuvant endocrine therapy approaches

#### Maintenance of Certification (continued)

- Measure the pathologic response to the neoadjuvant therapy approach and recognize which adjuvant interventions are most appropriate based on that response
- Develop practice-based algorithms for the diagnostic work-up, identification, monitoring and follow-up of patients undergoing neoadjuvant therapy for breast cancer
- Determine patients at risk for locoregional recurrence based on response to therapy
- Identify patients suitable for nipple-sparing mastectomy
- Summarize the clinical and pathologic features predictive of occult nipple involvement that would preclude successful nipple-sparing mastectomy
- Summarize the multidisciplinary approach necessary when locoregional recurrence occurs

#### 1:15 - 3:15 pm

National Harbor 10/11

Melanoma: Controversies and Updates

#### Objectives:

- Define the role of SLN staging (diagnostic procedure vs. therapeutic procedure) in patients with melanoma
- Select appropriate patients for regional nodal staging
- Examine the role of disease burden in the SLN in the selection of patients for CLND
- Identify and quantify the risk for adverse outcomes following SLN staging, particularly lymphedema and chronic axillary pain
- Examine the role of regional therapy for extremity melanoma in the setting of effective systemic therapy options (BRAF inhibitors and anti-CTLA4 antibody)

#### 1:15 - 3:15 pm

National Harbor 12/13

Rectal Cancer: Is the Surgeon Still Necessary?

#### Objectives:

- Identify new and novel methods of managing patients with rectal cancer
- Recognize the goal of personalizing the approach to known risk, with the selective use of each modality of care, including the selective use of radiation therapy and surgery

#### **MOC Café**

To claim your self-assessment credits toward Part II of the ABS MOC program visit the SSO 2013 MOC Café beginning Thursday, March 7 through Saturday, March 9, to access a computer kiosk and complete the MOC self-assessment exam online. Participants must score 75% or higher to receive self-assessment credit toward Part II of the ABS MOC program. Exams may be repeated as many times as necessary. Once a score of 75% or higher is achieved, a PDF of certification will be available for participants via email.

To access the MOC modules online, visit the SSO website at www.surgonc.org/moc. You will need your SSO membership ID and password to access the MOC modules.

#### **Education Information**

This activity is partially supported by an independent educational grant from Ethicon.

### Designation

The Society of Surgical Oncology (SSO) Maintenance of Certification (MOC) credit is only for surgeons who are involved in the treatment of patients with cancer. The SSO has approved this activity for up to 2 self-assessment credits toward Part II of the American Board of Surgery (ABS) Maintenance of Certification (MOC) Program.

#### **Disclaimer**

The primary purpose of the SSO MOC Café is educational. Information, as well as technologies, products and/or services discussed, are intended to inform participants about the knowledge, techniques and experiences of specialists who are willing to share such information with colleagues. A diversity of professional opinions exists in the specialty and the SSO disclaims any and all liability for damages to any individual participating in the MOC Café and for all claims which may result from the use of information, technologies, products and/or services discussed.

# **MOC Pricing for Non-Attendees**

SSO Members and Non-Members who did not attend the 2013 Annual Cancer Symposium will have access to all five (5) MOC modules by visiting the SSO website at www.surgonc.org/moc. Fees for non-attendees are listed below:

Five (5) MOC Modules Purchase Dates	Member	Non- Member
March 22 – May 31, 2013	\$149	\$199
Beginning June 1, 2013	\$199	\$199

# GENERAL INFORMATION

# **Abstracts Available Electronically**

This year, abstracts are available through the SSO website (www.surgonc.org) and through SSO's mobile app "Myltinerary". All abstracts are numbered to correspond with presentations listed in this Program Guide.

A pdf of the abstracts is available to all attendees on the SSO 2013 website at: http://sso2013.abstractcentral.com/planner.jsp

It is also available for SSO members at:

http://link.springer.com/journal/10434/20/1/suppl/page/1

# **Committee Meetings**

A list of SSO Committee Meetings scheduled this week is published on pages 32-33.

#### **Disclaimer**

The primary purpose of the SSO Annual Meeting is educational. Information, as well as technologies, products and/or services discussed, are intended to inform participants about the knowledge, techniques and experiences of specialists who are willing to share such information with colleagues. A diversity of professional opinions exists in the specialty and the SSO disclaims any and all liability for damages to any individual attending this conference and for all claims which may result from the use of information, technologies, products and/or services discussed at the conference.

#### **Exhibits Showcase New Products for Surgeons**

70 technical and scientific exhibitors will display their latest products in the Exhibit Hall throughout the convention. SSO appreciates the support of its exhibitors and urges all registrants to visit the displays.

# Prince George's A/B Exhibit Hall

Exhibit hours are:

Thursday, March 7 6:00 - 7:30 pm Friday, March 8 9:30 am - 4:30 pm Saturday, March 9 9:30 am - 1:30 pm

Sorry, no personal audio or video recorders are allowed in meeting rooms.

# **SOSAP**

# **Surgical Oncology Self-Assessment Program**

Looking for more MOC Part II Certification that focuses on Surgical Oncology or help studying for Surgical Board Exams? The SSO is launching a new **Surgical Oncology Self-Assessment Program, SOSAP**.

**SOSAP** consists of six (6) question chapters and 250 self-assessment questions that focus on the following disease sites: Breast, Colorectal, Endocrine Head and Neck, Gastrointestinal, Hepatobiliary, Melanoma and Sarcoma.

Participants will be required to complete the program in its entirety, but on their own time and at their own pace. A score of 80% or higher must be achieved to receive Continuing Medical Education credit and earn self-assessment credits toward Part II of the American Board of Surgery (ABS) Maintenance of Certification (MOC) Program.

To learn more about the **SOSAP** program, please visit the **SOSAP** kiosk near the SSO Membership Booth on-site at the 66th Annual Cancer Symposium.

For SOSAP pricing, see page 21.

# **Hands-on Product Demonstrations**

(see page 167)



Not for

Credit

The Hands-on Product Demonstrations offer you the opportunity to interact with select exhibitors and learn about their product and service innovations. The hard-walled demonstration areas are located on the exhibit floor. See a listing of the featured exhibitors on signage at the front entrance to the Exhibit Hall. These sessions occur during lunch breaks on Friday and Saturday and boxed lunches are provided.

**Industry Forums** (see pages 165 - 166)

Industry Forums feature select exhibitors addressing current issues in health care. These sessions are held on Thursday, March 7 in the Potomac Ballrooms C and D. The breakfast session is held from 7:00 - 8:00 am and the luncheon sessions are from 12:15 - 1:15 pm.

#### **Industry Satellite Symposium**

An **Industry Satellite Symposium** will be offered Thursday, March 7 from 6:30 - 8:00 am by Potomac Center for Medical Education and is titled *Novel Therapeutic Approaches for Stage III and Stage IV Melanoma*. This complimentary breakfast and symposium is supported by Merck and offers CME credit. It will be held in Potomac D on the Ballroom Level.

#### **Internet Café**

Visit the Internet Café to access the Internet and send and retrieve email. The Café is located between the SSO Registration area and SSO Exhibit Hall entrance on the Prince George's Prefunction Level. This service is complimentary to all meeting registrants from Thursday, March 7 through Saturday, March 9. The Internet Café is sponsored by Ethicon.

#### **Manuscripts for Publication**

Authors of all clinical papers are encouraged, but not required, to submit their manuscripts for publication in the *Annals of Surgical Oncology* prior to their presentation. Files may be dropped off at the Annals Manuscript Desk located in the Exhibit Hall (312) or submitted online.

To upload your manuscript, log into the Journal's online submission site: http://mc.manuscriptcentral.com/aso Manuscripts must be prepared in accordance with the posted submission guidelines.

#### **New Members**

#### SSO New Members

New members of SSO will be identified by a new member ribbon affixed to their name badge. We encourage you to introduce yourself so our new members feel welcome.

There is a special luncheon *(by invitation only)* for the new members from 12:15 - 1:15 pm on Thursday, March 7 in Potomac 1.

### Photograph and Recordings

By registering for this meeting, attendees acknowledge and agree that SSO or its agents may take photographs during events and may freely use those photographs in any media for SSO purposes, including, but not limited to, news and promotional purposes.

The presentations, slides and handouts provided in this program are the property of SSO or used by permission. You may not photograph, videotape, audiotape or otherwise record or reproduce any of the presentations without express written permission from SSO. Any attendee believed to be violating this restriction will be removed from the session and may be prohibited from participating in further SSO meetings.

### **Annual Resident/Fellow Essay Awards**

Each year, the SSO offers three Resident/Fellow Essay Awards. Awards are offered for the best Clinical Research paper, best Basic Science Research paper, and best Disparities-Related paper.

Each award is \$600, plus reimbursement of transportation expenses up to \$600 (round trip coach airfare) for the recipient's travel to the Annual Cancer Symposium. Winners will be announced at the beginning of the Great Debates Session on Saturday, March 9 at 3:45 pm.

Supported by the James Ewing Foundation

#### **Poster Contest**

The Society will present two Poster Awards of \$500 each for **Best Basic Science Poster** and **Best Clinical Poster**. Please cast your votes by 1:00 pm on Saturday, March 9. Poster Contest finalists are displayed in the Potomac Foyer, outside of the General Session Room. Ballots were handed out with this Program Guide. Winners will be announced at the beginning of the Great Debates Session on Saturday, March 9 at 3:45 pm.

#### **Poster Presentations**

All Scientific Posters will be on display in the Exhibit Hall from 6:00 pm on Thursday until 1:30 pm on Saturday.

Authors are requested to be available during the times below, as

Authors are requested to be available during the times below, as their schedules permit, to answer questions about their presentations.

Thursday, March 7 6:00 - 7:30 pm Friday, March 8 9:45 - 10:15 am

11:45 am - 12:45 pm 3:15 - 3:45 pm

Not for

Saturday, March 9 9:45 - 10:15 am

12:30 - 1:30 pm

### **Registration Desk Hours**

The registration desk is located in Prince George AB Prefunction and will be open during the following hours:

Tuesday, March 5	4:00 - 6:00 pm
Wednesday, March 6	6:30 am - 6:00 pm
Thursday, March 7	6:00 am - 6:00 pm
Friday, March 8	6:00 am - 4:00 pm
Saturday, March 9	6:00 am - 4:00 pm

### **Speaker Ready Room**

The Speaker Ready Room is located in Chesapeake 6 and is available to all program participants. Speakers are requested to check in with the technicians four (4) hours prior to their presentation.

Tuesday, March 5	3:00 - 6:00 pm
Wednesday, March 6	7:00 am - 7:00 pm
Thursday, March 7	6:00 am - 7:00 pm
Friday, March 8	6:00 am - 6:30 pm
Saturday, March 9	6:30 am - 4:30 pm

All speakers should report to the Speaker Ready Room at least four (4) hours prior to the start of the session in which they are speaking.

# **SSO BADGE DESIGNATION**

Blue - SSO Member Physician

Teal - SSO Member Non-Physician

Purple - Non-Member Physician

Green - Nurses/Allied Health

Lime - Resident/Surgical Oncology Fellow/Medical Student

Orange - Non-Member, Non-Physician

Red - Exhibitor

Yellow - Spouse/Guest

Pink - Press

Magenta - Staff

Replacement badges are available at the Registration Desk for \$10 each.

# **SOCIAL EVENTS**

We invite you to attend the following social events scheduled throughout the meeting:

#### **WELCOME RECEPTION**

6:00 - 7:30 pm Thursday, March 7 Exhibit Hall (Prince George A/B)

Join us in the Exhibit Hall for hors d'oeuvres, refreshments and networking as you visit the Posters and Exhibits and view the latest, state-of-the-art equipment and technologies. This complimentary event is open to all meeting registrants and registered quests.

#### COMPLIMENTARY BOX LUNCHES

11:45 am - 12:45 pm, Friday, March 8 12:30 - 1:30 pm, Saturday, March 9

Exhibit Hall (Prince George A/B)

# President's Reception and Dinner

7:00 - 9:30 pm, Saturday, March 9
Tickets Required
Potomac Ballroom C123

SSO President Dr. Monica Morrow invites you to join her Saturday evening for cocktails and a buffet dinner. The new format of the Saturday evening event will provide lots of opportunities for connecting with friends and colleagues to discuss all the news from the meeting.

Partially supported by the American Joint Committee on Cancer and the Commission on Cancer.

# SSO COMMITTEE MEETINGS

Changes to times and locations will be posted at the SSO Registration Desk or online at **SSO2013.org**.

Wednesd	lay, N	larch 6
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7:00 - 11:00 am Training Committee

Chesapeake 5

10:00 am - 5:00 pm Executive Council Meeting

National Harbor 2

Thursday, March 7

7:00 - 8:00 am Corporate Relations Committee

Chesapeake 3

7:00 - 8:00 am Hepatobiliary Disease-site Work Group

National Harbor 8

Noon - 1:00 pm Surgical Oncology Program

Directors Subcommittee

National Harbor 5

Noon - 1:00 pm Gastrointestinal Disease-site Work Group

National Harbor 8

Noon - 1:00 pm Continuing Medical Education Committee

Chesapeake 3

1:30 - 2:30 pm Breast Program Directors Subcommittee

National Harbor 5

3:30 - 6:00 pm James Ewing Foundation Board Meeting

National Harbor 5

4:00 - 5:30 pm Annals of Surgical Oncology

Editors Meeting

Chesapeake 3

5:00 - 6:00 pm Colorectal Disease-site Work Group

National Harbor 8

Friday, March 8

10:00 - 11:00 am Educational Products Committee

Chesapeake 3

11:45 am - 12:45 pm Scientific Program Committee

Chesapeake 7

2:00 - 3:00 pm SOSAP

Chesapeake 3

2:00 - 3:00 pm Endocrine Head/Neck Disease-site

Work Group

Chesapeake 7

Saturday, March 9	
6:30 - 7:30 am	Breast Disease-site Work Group
	Chesapeake 3
9:00 - 10:00 am	Melanoma Disease-site Work Group
	Chesapeake 5
10:00 - 11:00 am	Outreach Committee
	Chesapeake 3
11:30 am - 12:30 pm	Technology and Communications
	Committee
	Chesapeake 5
Noon - 1:00 pm	CME Committee Needs Assessment
	Work Group
	Chesapeake 3
12:30 - 1:30 pm	Membership Committee

# Join the SSO today!

5:15 - 6:00 pm

Chesapeake 4

Potomac A/B

Annual SSO Business Meeting

SSO is the premier organization for surgeons and health care providers dedicated to advancing and promoting the science and treatment of cancer. SSO offers members the education, research and practice management tools they need to serve their patients and their profession.

# **ANNUAL MEETING SPECIAL**

SSO will waive the initiation fee if you join the Society before Friday, March 15 — a savings of \$150!

Stop by the SSO Membership Booth in the Prince George's A/B Prefunction.

# SOCIETY OF SURGICAL ONCOLOGY AND JAMES EWING FOUNDATION PARTNERS AND SUPPORTERS

#### **Our Partners**

This activity is supported by independent educational grants. The Society of Surgical Oncology (SSO) and the James Ewing Foundation (JEF) gratefully acknowledge the following organizations for their contributions:

#### Agendia, Inc.

Partial Supporter of the Wednesday *Mini-Course: Advances and Updates in Clinical Surgical Oncology* 

# **American Cancer Society**

Supporter of the *American Cancer Society/SSO Basic Science Lecture* 

#### Amgen, Inc.

Partial Supporter of the Wednesday *Mini-Course: Advances and Updates in Surgical Oncology* 

#### Colon Cancer Challenge Foundation

Supporter of Colorectal Cancer Research Award

#### Dune Medical Devices, Inc.

Partial Supporter of the Wednesday Dinner Symposium, Demystifying Margins in Breast Conserving Surgery

#### Ethicon

Partial Supporter of the *Colorectal Cancer, Endocrine/Hepatobiliary Cancer, and Gastrointestinal Cancer Sessions*; and supporter of *The MOC Café* 

#### Hologic, Inc.

Partial Supporter of the Wednesday *Mini-Course: Advances and Updates in Clinical Surgical Oncology* 

# James Ewing Foundation

Supporter of the James Ewing Lecture, the Harvey Baker Traveling Fellow Award and the Annual Resident/Fellow Essay Awards

#### John Wayne Foundation

Supporter of the John Wayne Clinical Research Lectureship

#### Merck & Co., Inc.

Partial Supporter of the Melanoma Sessions

#### Susan G. Komen for the Cure®

Supporter of the Saturday Komen Symposium: MRI in Breast Cancer – Where Are We Now?

#### **Our Sponsors**

The SSO gratefully acknowledges the following organizations for their sponsorship commitments:

#### American Joint Committee on Cancer

Partial Supporter of the Saturday President's Reception and Dinner

#### Amgen, Inc.

Supporter of the Thursday Industry Forum, *Rationale for Oncolytic Immunotherapy*; supporter of the *Mobile App*; and, supporter of the *Hotel Key Cards* 

#### **Commission on Cancer**

Partial Supporter of the Saturday President's Reception and Dinner

#### Dune Medical Devices, Inc.

Supporter of the Friday Hands-on Product Demonstration, Intraoperative Margin Assessment with the MarginProbe® Systems

#### **Ethicon**

Supporter of the Thursday afternoon Industry Forum, Laparoscopic Surgical Approaches and Use of Advanced Energy in Pancreatic and Esophagogastric Cancers, supporter of the Friday Hands-on Product Demonstration, Advanced Energy Surgical Devices in Laparoscopic Distal Pancreatectomy, and supporter of the Internet Café

#### Genomic Health, Inc.

Sponsor of the Thursday Industry Forum, *The Present and Future of Genomics in the Management of Breast, Colon and Prostate Cancer* 

#### Merck & Co., Inc.

Sponsor of the Thursday Independent Satellite Symposium, *Novel Therapeutic Approaches for Stage III and Stage IV Melanoma* 

# **Our Clinical Investigator Award Supporters**

The James Ewing Foundation of the Society of Surgical Oncology gratefully acknowledges the following organizations for their research grant commitments:

### Amgen, Inc.

Supporter of a 2013 – 2015 Clinical Investigator Award

#### Genentech, Inc.

Supporter of a 2013 – 2015 Clinical Investigator Award

#### Susan G. Komen for the Cure®

Supporter of a 2013 – 2015 Clinical Investigator Award in Breast Cancer Research

#### HARVEY BAKER TRAVELING FELLOW

9:09 - 9:21 am, Friday, March 8 Potomac Ballroom A/B



The Society congratulates Lynn Dengel, MD who is attending the 66th Annual Cancer Symposium as a recipient of the 2013 Harvey Baker Traveling Fellow Award.

Dr. Dengel receives the award for her abstract titled: How Often Is Axillary Dissection Avoided When Z11 Eligibility Criteria Are Applied in Routine Practice: Results from a Prospective Series of Consecutively Treated Patients (Paper 6).

Dr. Lynn Dengel is a fellow in the Breast Surgical Fellowship Program at Memorial Sloan-Kettering Cancer Center, New York, NY. She received her medical degree from the Georgetown University School of Medicine in Washington D.C., where she graduated cum laude and was elected to the Alpha Omega Alpha Honor Medical Society. She subsequently completed both her internship and her residency in general surgery at the University of Virginia Hospital Medical Center in Charlottesville, VA, where she received the Award of Academic Excellence from the Department of Surgery.

Dr. Dengel is a member of the American College of Surgeons, the Association of Women Surgeons, and the Alpha Omega Alpha Medical Honor Society.

Supported by the James Ewing Foundation

American Cancer Society/SSO Basic Science Lecture
Reprogramming Immune Microenvironments
in Solid Tumors to Enhance Therapy



Lisa M. Coussens, PhD 1:00 - 1:45 pm, Friday, March 8 Potomac Ballroom A/B

Dr. Coussens is the Chair of the Department of Cell and Developmental Biology, and

Associate Director for Basic Research in the Knight Cancer Institute at Oregon Health and Sciences University (OHSU) and holds the Hildegard Lamfrom Chair in Basic Science.

Dr. Coussens' research focus is on the role of immune cells and their mediators as critical regulators of solid tumor development, and in understanding themolecular and cellular mechanisms that regulate leukocyte recruitment into neoplastic tissue, and the subsequent regulation those leukocytes exert on evolving cancer cells. She received her PhD in Biological Chemistry from UCLA in 1993, and completed her Post-doctoral fellowship in Cancer Biology at UCSF in Douglas Hanahans' laboratory. Since establishing her own laboratory in 1999, Dr. Coussens has received the prestigious Gertrude B. Elion Award from the American Association of Cancer Research (AACR), the Mallinckrodt Award for Medical Science, and a V Foundation Scholar Award for her novel discoveries regarding the role of matrix metalloproteinases and mast cells as critical regulators of epithelial cancer development.

More recently, Dr. Coussens was awarded two sequential Era of Hope Scholar Awards from the Department of Defense Breast Cancer Research Program to support her novel investigations of chronic inflammation as a regulator of breast carcinogenesis. In 2011, she and her clinical collaborators received a Susan G. Komen Promise Grant to conduct a multi-center trial to evaluate novel therapeutic approaches emerging from her research on the tumor micro-environment. Dr. Coussens demonstrates a deep commitment to educating and mentoring the next generation of scientists, and as such was awarded the 2012 AACR-Women in Cancer Research Charlotte Friend Memorial Lectureship.

Supported by an independent educational grant from the American Cancer Society

# COLORECTAL CANCER RESEARCH SCHOLAR AWARD

3:45 pm, Friday, March 8
National Harbor 2/3



The Society congratulates Karen K. Lo, MD who is attending the 66th Annual Cancer Symposium as the third annual recipient of the 2013 Colorectal Cancer Research Scholar Award. The goal of this award is to recognize

excellence in transitional research focused on the molecular biology of colorectal cancer.

Dr. Lo receives the award for her abstract titled: Downregulation of Intercellular Adhesion Molecule-1 (ICAM-1) Abrogates Hepatic Metastases in Murine Colon Adenocarcinoma (Paper 17).

Dr. Lo attended medical school at the University of California, Davis, where her interest in surgery began under the mentorship of Dr. Vijay Khatri. Since 2008, Dr. Lo has been a surgical resident at the University of Colorado, where she has been working in the laboratory of Dr. Carlton C. Barnett studying tumor microenvironment and host immune response under an American Cancer Society grant.

Supported by the Colon Cancer Challenge Foundation

# Cast Your Vote for the Best Science and Clinical Posters

Poster contest finalists are displayed in the Potomac Foyer, outside of the General Session Room. Ballots must be posted by 1:00 pm, Saturday, March 9.

# **NEW in 2013**

# HIGH IMPACT CLINICAL TRIALS AND TEAM SCIENCE AT THE SSO PILOT SESSIONS

In preparation for more innovation in 2014, the Symposium is showcasing select presentations to introduce a new category of abstracts that will be eligible for submission in 2014. The SSO "Team Science Initiative" is designed to allow members to submit findings from high impact clinical trials and/or team science collaborations for presentation at the SSO, even if the work has already been published or presented at another National meeting. Three such presentations are being showcased this year:

#### **BREAST CANCER PARALLEL SESSION**

3:30 - 5:45 pm, Thursday, March 7

National Harbor 2/3

5:18 pm - Whole-Genome Analysis Informs Breast Cancer Response to Aromatase Inhibition

M. J. Ellis, L. Ding, D Shen, J, Luo, V. J. Suman, J. W. Wallis, B. A. Van Tine, J. Hoog, R. J. Goiffon, T C. Goldstein, S. Ng, L. Lin, R. Crowder J. Snider, K. Ballman J. Weber, K. Chen, D. C. Koboldt, C. Kandoth, W. S. Schierding, J. F. McMichael, C. A. Miller, C. Lu, C. C. Harris, M. D. McLellanM. C. Wendl, K. DeSchryver, D. C. Allred, L. Esserman, G. Unzeitig, J. Margenthaler, G. V. Babiera, P. K. Marcom, J. M. Guenther, M Leitch, K. Hunt, J. Olson\*, Y. Tao, C. A. Maher, L. L. Fulton, R. S. Fulton, M. Harrison, B. Oberkfell, F. Du, R. Demeter, T. L. Vickery, A. Elhammali, H. Piwnica-Worms, Sandra McDonald, M. Watson, D. J. Dooling, D. Ota, L Chang, R. Bose, T. J. Ley, D. Piwnica-Worms, J. M. Stuart, R. K. Wilson, & E. R. Mardis

#### **MELANOMA PARALLEL SESSION**

3:30 - 5:45 pm, Thursday, March 7
National Harbor 10/11

5:18 pm - MDM4 is a Key Therapeutic Target in Cutaneous Melanoma A. Gembarska, F. Luciani, C. Fedele, E. A. Russell, M. Dewaele, S. Villar, A. Zwolinska, S. Haupt, J. de Lange, D. Yip, J. Goydos\*, J. J. Haigh, Y. Haupt, L. Larue, A. Jochemsen, H. Shi, G. Moriceau, R. S. Lo, G. Ghanem, M. Shackleton, F. Bernal, J. Marine

#### **COLORECTAL CANCER PARALLEL SESSION**

3:45 - 5:45 pm, Friday, March 8

National Harbor 2/3

5:21 pm - Identification of Lynch Syndrome among Patients with Colorectal Cancer.

L. Moreira, F. Balaguer, N. Lindor, A. de la Chapelle, H. Hampel, L. A. Aaltonen, J. L. Hopper, L. Le Marchand, S. Gallinger\*, P. A. Newcomb, R. Haile, S. N. Thibodeau, S. Gunawardena, M. A. Jenkins, D. D. Buchanan, J. D. Potter, J. A. Baron, D. J. Ahnen, V. Moreno, M. Andreu, M. Ponz de Leon, A. K. Rustgi, A. Castells A; EPICOLON Consortium

James Ewing Lecture
The Rise and Fall of Lymphadenectomy
for Breast Cancer



Armando E. Giuliano, MD, FRCSEd 9:00 - 9:45 am, Saturday, March 9 Potomac Ballroom A/B

Armando E. Giuliano, MD, is Executive Vice Chair of Surgery and Chief of Surgical

Oncology at Cedars-Sinai Medical Center. In addition, he serves as an Associate Director of the Samuel Oschin Comprehensive Cancer Institute and Clinical Professor of Surgery both at the University of California, Los Angeles (UCLA) and the University of Southern California.

Dr. Giuliano began his academic career at UCLA where ultimately he became Professor of Surgery, Director of the Breast Service, and Assistant Dean of Students in the School of Medicine. He then helped establish the John Wayne Cancer Institute with Dr. Donald L. Morton and subsequently became faculty and Professor of Surgery at Cedars-Sinai Medical Center.

Dr. Giuliano has served as chairman of the American College of Surgeons Oncology Group Breast Organ Site Research Committee as well as chair of the SSO Breast Fellowship Program Directors Sub-committee. Currently he is president of the International Sentinel Node Society. In addition to being a pioneer in the introduction of sentinel node biopsy for the treatment of breast cancer, Dr. Giuliano has received numerous honors including six teaching awards, the Umberto Veronesi Award for international recognition of contributions to the field of breast cancer, and most recently the Susan G. Komen for the Cure® Brinker Award for Scientific Distinction in Clinical Research.

Dr. Giuliano is a member of 20 professional societies and serves on the editorial boards of several peer-reviewed scientific journals. He is the author of more than 400 scientific articles and book chapters and has been an invited visiting professor worldwide. He has a long connection with the Society of Surgical Oncology, having been awarded the Best Resident's Paper in 1978 and having participated as a member of the Society for 30 years.

John Wayne Clinical Research Lecture

Re-engineering of Care — Surgical Oncology Leadership



Glenn D. Steele, Jr., MD, PhD
President and CEO
Geisinger Health System
10:15 - 11:00 am, Saturday, March 9
Potomac Ballroom A/B

Glenn D. Steele Jr., MD, PhD, is President and Chief Executive Officer of Geisinger Health System. Dr. Steele previously served as the dean of the Biological Sciences Division and at the Pritzker School of Medicine and vice president for medical affairs at the University of Chicago. Prior to that, he was the William V. McDermott Professor of Surgery at Harvard Medical School, president and chief executive officer of Deaconess Professional Practice Group, Boston, Mass., and chairman of the department of surgery at New England Deaconess Hospital (Boston, Mass.). Dr. Steele is past Chairman of the American Board of Surgery. His investigations have focused on the cell biology of gastrointestinal cancer and pre-cancer and most recently on innovations in healthcare delivery and financing.

Dr. Steele received his medical degree from New York University School of Medicine. He completed his internship and residency in surgery at the University of Colorado and earned his Ph.D. in microbiology at Lund University in Sweden.

A member of the Institute of Medicine of the National Academy of Sciences, Dr. Steele serves as a member on the Roundtable on Value and Science-driven Healthcare, was recently appointed to the Committee on the Governance and Financing of Graduate Medical Education and previously served on the Committee on Reviewing Evidence to Identify Highly Effective Clinical Services (HECS). A fellow of the American College of Surgeons, Dr. Steele is a member of the American Surgical Association, the American Society of Clinical Oncology, and past president of the Society of Surgical Oncology.

Dr. Steele has been named consecutive times to Modern Healthcare's 50 Most Powerful Physician Executives in Healthcare.

Supported by an independent grant from the James Ewing Foundation.

# CLINICAL INVESTIGATOR AWARD PRESENTATIONS

10:15 - 11:00 am, Friday, March 8

Potomac Ballroom A/B

Be sure to attend this year's presentations of CIA recipients **Drs. Elizabeth Mittendorf, Sunil Singhal,** and **Steven C. Katz** to hear the results of their research efforts.

The CIA program, established in 2007 by the SSO, helps to promote post-fellowship, patient-oriented research through the training of surgical oncologists in clinical and translational science. Each Award consists of \$100,000, disbursed in two yearly installments of \$50,000. To date, 22 Clinical Investigator Awards totaling more than \$2.2 million dollars have been granted to researchers.

Beginning with the 2013-2015 awards cycle, the administration and management of the CIA program has moved under the auspices of the SSO's James Ewing Foundation.

Recipients of the 2013-2015 awards will also be announced at the conclusion of this year's presentations.

# ADVANCES AND UPDATES IN CLINICAL SURGICAL ONCOLOGY

(Ticket Required)

9:00 am - 5:00 pm. Wednesday, March 6 National Harbor 4/5

# **GENES, TARGETS AND** NEW THERAPELITIC OPPORTUNITIES

0 2 5 6

(See page 17 for listing of ACGME Core Competencies)

9:00 am - Noon National Harbor 4/5

Moderators: Peter D. Beitsch, MD and Sri Chalikonda, MD

9:00 am Melanoma

> Michael S. Sabel, MD University of Michigan Ann Arbor, MI

9:30 am **Breast Cancer** 

> Pat W. Whitworth. MD Nashville Breast Center Nashville, TN

10:00 am Refreshment Break (in Foyer)

10:15 am **Colorectal Cancer** 

Morton S. Kahlenberg, MD

Medical Director **Baptist Cancer Center** 

Surgical Oncology Associates of South Texas

San Antonio, TX

10:45 am **GI Malignancies** 

Lawrence D. Wagman, MD Executive Medical Director The Center for Cancer Prevention

and Treatment St. Joseph Hospital Orange, CA

11:15 am Panel Discussion

#### Pre-Meeting Mini-Course Lunch Symposium

# STRATEGIES FOR INCORPORATING MID-LEVEL PROVIDERS INTO PRACTICE: **Promoting Shared Care and Maintaining Financial Viability**

0 0 0 0

(See page 17 for listing of ACGME Core Competencies)

Noon - 1:00 pm National Harbor 10/11

Moderator: Julie A. Margenthaler, MD

Noon Virginia M. Herrmann, MD

Medical University of South Carolina

Charleston, SC

### **UPDATES IN CLINICAL** SURGICAL ONCOLOGY

0 2 5 6

(See page 17 for listing of ACGME Core Competencies)

1:15 - 5:00 pm National Harbor 4/5

Moderators: Stephen R. Grobmyer, MD and Steven C. Katz, MD

1:15 pm **HPB Malignancies** 

Joseph J. Bennett, MD

Surgical Oncologist

Helen F. Graham Cancer Center

Newark, DE

**Colorectal Cancer** 2:00 pm

M. Margaret Kemeny, MD

Director, Queens Cancer Center

Professor of Surgery

Mount Sinai School of Medicine

New York, NY

**Audience Case Presentations** 2:45 pm

and Discussion

Refreshment Break in Foyer 3:00 pm

3:15 pm Aggressive Skin Malignancies

David W. Ollila, MD Professor of Surgery

University of North Carolina - Chapel Hill

Chapel Hill, NC

4:00 pm Breast Cancer

Barbara A. Pockaj, MD

Professor of Surgery

Department of Surgery

Mayo Clinic Phoenix. AZ

4:45 pm Audience Case Presentations

and Discussion

5:00 pm Adjourn

# **MOC Café**

To claim your self-assessment credits toward Part II of the ABS MOC program visit the SSO 2013 MOC Café beginning Thursday, March 7 through Saturday, March 9, to access a computer kiosk and complete the MOC self-assessment exam online. Participants must score 75% or higher to receive self-assessment credit toward Part II of the ABS MOC program. Exams may be repeated as many times as necessary. Once a score of 75% or higher is achieved, a PDF of certification will be available for participants via email.

To access the MOC modules online, visit the SSO website at **www.surgonc.org/moc**. You will need your SSO membership ID and password to access the MOC modules.

For MOC Module pricing, see page 25.

### DEMYSTIFYING MARGINS IN BREAST CONSERVING SURGERY











(See page 17 for listing of ACGME Core Competencies) (This session is included in the Annual Meeting Registration Fee)

> 5:30 - 7:30 pm National Harbor 10/11 Moderator: Tari A. King, MD

Can Devices Improve our Ability to 5:30 pm

Achieve Clear Margins?

Data from the *Margin Probe®*. Prospective Randomized Trial

Susan K. Boolbol, MD

Chief. Division of Breast Surgery. Chief, Appel-Venet Comprehensive

**Breast Service** 

Beth Israel Medical Center

New York, NY

5:50 pm The True Limitations of Margin **Assessment Through the Eyes** of the Pathologist

Stuart J. Schnitt. MD

Director, Division of Anatomic Pathology Beth Israel Deaconess Medical Center

Professor of Pathology Harvard Medical School

Beth Israel Deaconess Medical Center

Boston, MA

6:10 pm Margin Width and Local

Recurrence - Does It Matter? Armando E. Giuliano, MD, FRCSEd

Professor of Surgery Executive Vice Chair,

Surgery Associate Director

Samuel Oschin Comprehensive Cancer Institute

Cedars-Sinai Medical Center

Los Angeles, CA

The Interplay Between Surgery. 6:30 pm Biology and Systemic Therapy

Seema A. Khan, MD

Professor of Surgery

Northwestern Medical Faculty Foundation

Chicago, IL

# 6:50 pm How Do We Define Quality Measures in Breast Conserving Surgery?

Laurence E. McCahill, MD
Director, Surgical Oncology
Lacks Cancer Center
Professor of Surgery
Michigan State University
Lacks Cancer Center
Grand Rapids, MI

7:10 pm Panel Discussion

# Claim CME Credit for the 66th Annual Cancer Symposium Online

Claim your CME credit for the 66th Annual Cancer Symposium at the CME kiosks near the registration area.

We encourage you to complete your evaluation and claim credit while on site. However, SSO members and other attendees may also claim credit from their home or office computers by logging on to https://show.jspargo.com/ssocme13/ prior to June 30, 2013.

# BUILDING MULTIDISCIPLINARY CANCER CARE TEAMS AND PARTICIPATING IN CLINICAL TRIALS IN THE COMMUNITY CANCER CENTER

0 6 6

(See page 17 for listing of ACGME Core Competencies)

8:00 - 10:00 am. Thursday. March 7 National Harbor 2/3

Moderator: Nicholas J. Petrelli, MD

8:00 - 8:20 am A Cancer Center Program: Multidisciplinary

Team Care & Clinical Trials Accrual

Nicholas J. Petrelli, MD

Bank of America Endowed Medical Director

Helen F. Graham Cancer Center

Professor of Surgery, Thomas Jefferson University

Newark, DE

8:20 - 8:40 am Multidisciplinary Cancer Care: How to

Succeed in the Community Cancer Center

Mark J. Krasna, MD

Corporate Medical Director of Oncology Jersey Shore University Medical Center

Neptune, NJ

8:40 - 9:00 am Developing a Community Clinical Trials Program

Gary Unzeitig, MD

Self Employed Practitioner

Laredo Breast Care

Laredo. TX

9:00 - 9:20 am The Community Cancer Center as a

Destination for Regional Cancer Care

Howard A. Zaren, MD

Cancer & Research Pavilion

Medical Director, Nancy N. and J.C. Lewis

St.Joseph's/Candler Hospital Professor, Department of Surgery

Georgia Health Sciences University

Savannah, GA

9:20 - 10:00 am Panel Discussion Questions and Answers

#### REFRESHMENT BREAK

10:00 - 10:15 am National Harbor Fover

#### CONTROVERSIES IN PANCREATIC CANCER



0 2

(See page 17 for listing of ACGME Core Competencies)

#### 8:00 - 10:00 am, Thursday, March 7 National Harbor 10/11

Moderators: Charles R. Scoggins, MD, MBA and Jason B. Fleming, MD

8:00 - 8:25 am What is the Role of Neoadjuvant

Therapeutic Treatment for Resectable

Pancreatic Cancer? Douglas B. Evans, MD

Donald C. Ausman Family Foundation

Professor of Surgery

Chairman, Department of Surgery Medical College of Wisconsin

Milwaukee, WI

Minimally Invasive Pancreatectomy: 8:25 - 8:50 am

Should it be Done? David A. Kooby, MD

Associate Professor of Surgery Winship Cancer Institute

Atlanta, GA

8:50 - 9:15 am Adjuvant Therapy for Pancreatic Cancer:

What is the Optimal Regimen?

Andrew M. Lowy, MD

Professor of Surgery

Chief, Division of Surgical Oncology

Moores Cancer Center

University of California, San Diego

La Jolla, CA

9:15 - 9:40 am **Borderline Resectable Pancreatic Cancer:** 

**Definitions and Approaches** 

Charles M. Vollmer, Jr., MD Associate Professor of Surgery

Director of Pancreatic Surgery

Perelman Center for Advanced Medicine

Philadelphia, PA

9:40 - 10:00 am Panel Discussion

#### REFRESHMENT BREAK

10:00 - 10:15 am National Harbor Foyer

# THE ROLE OF SURGEONS IN **COOPERATIVE GROUP STUDIES**





(See page 17 for listing of ACGME Core Competencies)

10:15 am - 12:15 pm. Thursday, March 7 National Harbor 2/3

Moderator: E. Shelly Hwang, MD, MPH

Introduction 10:15 - 10:20 am

E. Shelly Hwang, MD, MPH

Chief. Breast Surgery Professor of Surgery **Duke University** Durham, NC

10:20 - 10:40 am The Role of Surgeons in Cooperative

**Group Trials** 

Monica M. Bertagnolli, MD Chief. Division of Surgical Oncology Brigham & Women's Hospital

Boston, MA

10:40 - 11:00 am Management of the Axilla in the

**Neoadiuvant Setting** 

Judy Caroline Boughey, MD Associate Professor of Surgery Program Director - Mayo Clinic Multidisciplinary Breast Fellowship

Mavo Clinic Rochester, MN

11:00 - 11:20 am Clinical Trial of Total Mesorectal Excision

Matthew Mutch, MD

Associate Professor of Surgery Section of Colon and Rectal Surgery Washington University School of Medicine

St. Louis, MO

**Definitive Surgery for Stage IV** 11:20 - 11:40 am

**Breast Cancer** 

Seema A. Khan, MD Professor of Surgery

Northwestern Medical Faculty Foundation

Chicago, IL

11:40 am - Noon Selective XRT for Locally Advanced

**Rectal Cancer** 

Alessandro Fichera, MD, FASCRS

Professor, Department of Surgery

University of Washington

Seattle, WA

Noon - 12:15 pm Panel Discussion

12:15 - 1:15 pm - Lunch on Own

# GET SSO 2013 ON-SITE UPDATES AND INFORMATION

Be sure to visit **SSO2013.org**, leverage the SSO 2013 **Itinerary Planner** and **Mobile App**, and follow **@SocSurgOnc on Twitter** using the hashtag **#SSO2013** for up-to-date on-site information!

# JOINT SSO AND JAPANESE SOCIETY OF GASTROENTEROLOGICAL SURGEONS (JSGS) SYMPOSIUM:

Updates and Controversies in Gastric Cancer

A

2 5

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(See page 17 for listing of ACGME Core Competencies)

10:15 am - 12:15 pm, Thursday, March 7 National Harbor 10/11

Moderators: Vivian E. Strong, MD and Yuko Kitagawa, MD, PhD

10:15 - 10:40 am Patient Selection for Neoadiuvant.

Adjuvant Therapy and Radiation Therapy

Daniel G. Coit, MD

Attending Surgeon

Memorial Sloan-Kettering Cancer Center

Professor of Surgery

Weill-Cornell Medical College

New York, NY

10:40 - 11:05 am What is the Standard for Nodal

Resection at Gastrectomy?

Mitsuru Sasako, MD

Professor, Chairman

Division of Upper GI Surgery. Department of Surgery Hyogo College of Medicine

Hyogo, Japan

11:05 - 11:30 am Management of the Patient with

Hereditary Gastric Cancer

Paul F. Mansfield, MD

Vice President, Acute Care Services Professor, Surgical Oncology MD Anderson Cancer Center

Houston, TX

11:30 - 11:55 am Robotic Versus Laparoscopic

Gastrectomy: A Game Changer?

Joshua D. I. Ellenhorn, MD

Professor of Surgery

Cedars Sinai Medical Center

Los Angeles, CA

**Panel Discussion** 11:55 am - 12:15 pm

12:15 - 1:15 pm – Lunch on Own

# SSO NEW MEMBER LUNCHEON

(By invitation only)
12:15 - 1:15 pm
Thursday, March 7

Potomac 1

# Join the SSO today!

SSO is the premier organization for surgeons and health care providers dedicated to advancing and promoting the science and treatment of cancer. SSO offers members the education, research and practice management tools they need to serve their patients and their profession.

#### ANNUAL MEETING SPECIAL

SSO will waive the initiation fee if you join the Society before Friday, March 15 — a savings of \$150!

Stop by the SSO Membership Booth in the Prince George's A/B Prefunction.

#### Disease Specific Symposia

### COMPLEX-LOCOREGIONAL THERAPY ISSUES IN BREAST CANCER

0 2 5 6

(See page 17 for listing of ACGME Core Competencies)

1:15 - 3:15 pm, Thursday, March 7 National Harbor 2/3

Moderator: Julie A. Margenthaler, MD

1:15 - 1:40 pm **Neoadjuvant Therapy for ER Positive** 

**Breast Cancer: When and For Whom?** 

Julie A. Margenthaler, MD

Associate Professor of Surgery Director, Breast Surgical Services

Washington University School of Medicine

St. Louis, MO

**Nipple-Sparing Mastectomy:** 1:40 - 2:05 pm

Is it Safe?

Barbara L. Smith. MD. PhD

Massachusetts General Hospital

Boston, MA

Multidisciplinary Management of LRR 2:05 - 2:30 pm

Irene L. Wapnir, MD

Associate Professor of Surgery

Chief of Breast Surgery

Stanford University School of Medicine

Stanford, CA

2:30 - 3:15 pm Panel Discussion

#### REFRESHMENT BREAK

3:15 - 3:30 pm National Harbor Fover

#### Disease Specific Symposia

#### **MELANOMA: Controversies and Updates**

0 0 6

(See page 17 for listing of ACGME Core Competencies)

1:15 - 3:15 pm, Thursday, March 7
National Harbor 10/11
Madagatar Mary C. Prody MD

Moderator: Mary S. Brady, MD

1:15 - 1:35 pm SLN Biopsy: An Optional

Diagnostic Procedure Mary S. Brady, MD Associate Attending

Memorial Sloan-Kettering Cancer Center

New York, NY

1:35 - 1:55 pm SLN Biopsy: An Essential

Component of Care Giorgos C. Karakousis, MD Assistant Professor of Surgery Division of Endocrine and

Oncologic Surgery

Perelman School of Medicine at the University of Pennsylvania

Philadelphia, PA

1:55 - 2:05 pm Questions and Answers

2:05 - 2:25 pm Regional Therapy for Extremity

Melanoma, ILI versus ILP versus

New Therapeutics
Douglas S. Tyler, MD
Professor of Surgery

Chief, Division of Surgical Oncology Duke University Medical Center

Durham, NC

2:25 - 2:45 pm MSLT 2: An Update

Mark B. Faries, MD

Director, Melanoma Research Program

John Wayne Cancer Institute

Santa Monica, CA

2:45 - 3:05 pm CLND for the SLN(+):

Standard Therapy?

Charlotte E. Ariyan, MD, PhD

Memorial Sloan-Kettering Cancer Center

New York, NY

3:05 - 3:15 pm Questions and Answers

#### REFRESHMENT BREAK

3:15 - 3:30 pm, National Harbor Foyer

#### Disease Specific Symposia

### RECTAL CANCER: Is the Surgeon Still Necessary?

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6

(See page 17 for listing of ACGME Core Competencies)

# 1:15 - 3:15 pm, Thursday, March 7 National Harbor 12/13

Moderators: Elin R. Sigurdson, MD, PhD and Martin R. Weiser, MD

### 1:15 - 1:35 pm Introduction to Multimodality Therapy

Martin R. Weiser, MD

Colorectal Surgery Service

Memorial Sloan-Kettering Cancer Center

New York, NY

#### 

Era of Total Mesorectal Excision?

Alessandro Fichera, MD, FASCRS

Professor, Department of Surgery
University of Washington Medical Center

Seattle, WA

### 1:55 - 2:15 pm Can We Accurately Assess Rectal

Cancer Response with Current

Imaging Modalities?

Lawrence Schwartz, MD

James Picker Professor

Chairman of Radiology at Columbia

University Medical Center

Columbia University Medical Center/New

York-Presbyterian Hospital

New York, NY

# 2:15 - 2:45 pm Can Surgery Be Eliminated in Early Rectal Cancer?

Heidi Nelson, MD

Fred C. Andersen Professor of Surgery

Mayo Clinic Rochester, MN

# 2:45 - 3:05 pm Can Surgery Be Avoided in Locally

Advanced Rectal Cancer?

Phillip B. Paty, MD Attending Surgeon

Colorectal Surgery Service

Memorial Sloan-Kettering Cancer Center

New York, NY

#### 3:05 - 3: 15 pm Panel Discussion

#### REFRESHMENT BREAK

3:15 - 3:30 pm, *National Harbor Foyer* 

# **BREAST CANCER**

3:30 - 5:45 pm Thursday, March 7 National Harbor 2/3

Moderators: Kelly K. Hunt, MD and Kimberly J. Van Zee, MD

3:30 pm 8

Recurrence Score along the Continuum of Increasing Nodal Burden in Breast Cancer F. Smith\*, M.C. Lee, G. Acs, W. Fulp, J. Lee, N. Khakpour, J.V. Kiluk, C. Laronga, H Lee; *Moffitt Cancer Center, Tampa, FL.* 

3:42 pm

Factors Affecting Sentinel Lymph Node Identification Rate After Neoadjuvant Chemotherapy for Breast Cancer Patients Enrolled in ACOSOG Z1071

J.C. Boughey\*, V.J. Suman, Surgery, Mayo Clinic, Rochester, MN; E.A. Mittendorf, K. Hunt, MD Anderson Cancer Center, Houston, TX; G.M. Ahrendt, Magee-Womens Surgical Associates, Pittsburgh, PA; L.G. Wilke, University of Wisconsin-Madison, Madison, WI; B. Taback, Columbia University Medical Center, New York, NY; A. Leitch, University of Texas Southwestern Medical Center, Dallas, TX; T.S. Flippo-Morton, Carolinas Medical Center, Charlotte, NC; D.R. Byrd, University of Washington Medical Center, Seattle, WA; D.W. Ollila, University of North Carolina - Chapel Hill, Chapel Hill, NC; T.B. Julian, Allegheny General Hospital, Pittsburgh, PA; S.A. McLaughlin, Mayo Clinic, Jacksonville, FL.

3:54 pm 10

Outcomes after Mastectomy for Node-positive Breast Cancer: Comparison of Women Treated With and Without Completion Axillary Dissection at NCCN Cancer Centers

R.A. Greenup\*, E.S. Hwang, P. Marcom, *Duke University Medical Center, Durham, NC;* T. Breslin, *University of Michigan, Ann Arbor, MI;* S.B. Edge, *Roswell Park Cancer Institute, Buffalo, NY;* M.E. Hughes, J.C. Weeks, *Dana Farber Cancer Institute, Boston, MA;* C. Laronga, *Moffitt Cancer Center, Tampa, FL;* B. Moy, *Massachusetts General Hospital, Boston, MA;* R.A. Otteson, *City of Hope* 

#### Parallel Sessions...Parallel Sessions...Parallel Sessions

National Medical Center, Duarte, CA; H. Rugo, UCSF, San Francisco, CA; J.L. Wilson, Ohio State University Medical Center, Columbus, OH; Y. Wong, Fox Chase Cancer Center, Philadelphia, PA.

#### 4:06 pm 1

Incidence and Consequence of Close Margins for Ductal Carcinoma In Situ Treated with Mastectomy

E. FitzSullivan\*, S.A. Lari, B. Smith, A.S. Caudle, S. Krishnamurthy, A. Lucci, E.A. Mittendorf, G. Babiera, S. Black, J.L. Wagner, I. Bedrosian, W. Woodward, S.M. Gainer, R. Hwang, F. Meric-Bernstam, K. Hunt, H.M. Kuerer, *UT MD Anderson Cancer Center, Houston, TX.* 

#### 4:18 pm 12

Margins in Breast Cancer Surgery: How Close is Too Close?

E.M. Garvey\*, D. Senior, B.A. Pockaj, N. Wasif, A.C. Dueck, A.E. McCullough, I.T. Ocal, R. Gray, *The Mayo Clinic Arizona, Phoenix, AZ.* 

#### 4:30 pm 13

Contralateral Prophylactic Mastectomy for Unilateral Breast Cancer: A Review of the National Comprehensive Cancer Network (NCCN) Database

W.E. Carson\*, W.B. Farrar, *Ohio State University, Columbus, OH;* R.A. Otteson, S.L. Chen, *City of Hope, Duarte, CA;* M.E. Hughes, J.C. Weeks, *Dana Farber Cancer Institute, Boston, MA;* L. Neumayer, *University of Utah HSC, Salt Lake City, UT;* E.S. Hwang, *Duke University, Durham, NC;* C. Laronga, H. Lee, *Moffitt Cancer and Research Institute, Tampa, FL;* T. Breslin, *University of Michigan, Ann Arbor, MI;* S. Khan, *Northwestern University, Chicago, IL;* S.B. Edge, *Roswell Park Cancer Institute, Buffalo, NY.* 

# 4:42 pm 14

Operative Risks Associated with Contralateral Prophylactic Mastectomy: A Single Institution Experience

M.E. Miller\*, The University of Chicago, Department of Surgery, Chicago, IL; M.E. Hall, T. Czechura, B. Martz, NorthShore University Health System, Breast Research Program, Evanston, IL; D.J. Winchester, K. Yao, NorthShore University HealthSystem, Department of Surgery, Evanston, IL.

#### Parallel Sessions...Parallel Sessions...Parallel Sessions

4:54 pm 15

**RET Inhibitor Combined with Anti-Estrogen** Therapy Offers a New Treatment Strategy for Breast Cancer

P.M. Spanheimer\*, A.R. Cyr, J.C. Carr, M.P. Gillum, M.V. Kulak, G.W. Woodfield, S.L. Sugg, R.J. Weigel,

Surgery, University of Iowa, Iowa City, IA.

5:06 pm 16

Peri-Tumoral Expression of Adipokines and **Fatty Acids in Invasive Breast Cancer** 

J.L. Gnerlich\*, *University of Chicago Medical* Center, Chicago, IL; K. Yao, A.M. Wyrwicz, NorthShore University HealthSystem. Evanston. IL: P. Fitchev, S.E. Crawford, Saint Louis University, Saint Louis, MO.

# **NEW in 2013**

#### HIGH IMPACT CLINICAL TRIALS AND TEAM SCIENCE AT THE SSO **BREAST CANCER PILOT SESSION**

# 5:18 pm

In preparation for even more innovation in 2014, this years Annual Symposium is showcasing select presentations to introduce a new category of abstracts that will be eligible for submission in 2014. The SSO "Team Science Initiative" is designed to allow members to submit findings from high impact clinical trials and/or team science collaborations for presentation at the SSO, even if the work has already been published or presented at another National meeting.

#### Join us in the Breast Cancer session for:

#### Whole-Genome Analysis Informs Breast Cancer Response to Aromatase Inhibition

M. J. Ellis, L. Ding, D Shen, J, Luo, V. J. Suman, J. W. Wallis, B. A. Van Tine, J. Hoog, R. J. Goiffon, T C. Goldstein, S. Ng,

L. Lin, 1 R. Crowder J. Snider, K. Ballman J. Weber, K. Chen,

D. C. Koboldt, C. Kandoth, W. S. Schierding, J. F. McMichael, C. A. Miller, C. Lu, C. C. Harris, M. D. McLellan, M. C. Wendl,

K. DeSchryver, D. C. Allred, L. Esserman, G. Unzeitig, J. Margenthaler,

G. V. Babiera, P. K. Marcom, J. M. Guenther, M. Leitch, K. Hunt,

J. Olson\*, Y. Tao, C. A. Maher, L. L. Fulton, R. S. Fulton, M. Harrison,

B. Oberkfell, F. Du, R. Demeter, T. L. Vickery, A. Elhammali,

H. Piwnica-Worms, S. McDonald, M. Watson, D. J. Dooling, D. Ota,

L. Chang, R. Bose, T. J. Ley, D. Piwnica-Worms, J. M. Stuart,

R. K. Wilson & E. R. Mardis

#### 5:30 pm Discussion

#### **MELANOMA**

3:30 - 5:45 pm Thursday, March 7 National Harbor 10/11

**Moderators:** Jonathan S. Zager, MD and Alfredo A. Santillan, MD, MPH

3:30 pm 45

Surgical Resection Combined with Ipilimumab Treatment for Stage IV Melanoma

J. Ozao-Choy\*, A.M. Leung, J. Howard, M. Sim, M.B. Faries, D.L. Morton, *John Wayne Cancer Institute, Santa Monica, CA;* O. Hamid, *The Angeles Clinic, Los Angeles, CA.* 

3:42 pm 46

Iliac Lymph Nodes Metastasis After Ilio-inguinal Radical Lymph Node Dissection for Melanoma

S. Pasquali\*, S. Mocellin, D. Nitti, *Dept. of Surgery, Oncology and Gastroenterology, University of Padova, Padova, Italy;* A. Vecchiato, F. Bigolin, M.C. Montesco, A. Di Maggio, C.R. Rossi, *Veneto Institute of Oncology, Padova, Italy.* 

3:54 pm 47

Detection of Circulating Melanoma Cells in the Blood of Melanoma Patients: Feasibility and Preliminary Significance C.L. Roland\*, M.J. Ross, C.S. Hall, B. Laubacher.

C.L. Roland\*, M.I. Ross, C.S. Hall, B. Laubacher, A. Lucci, *MD Anderson Cancer Center, Houston, TX.* 

4:06 pm 48

Unique Genes in Tumor-Positive Sentinel Lymph Nodes Associated with Non-Sentinel Lymph Node Metastases in Melanoma M.E. Egger\*, D. Xiao, H. Hao, K.M. McMasters, University of Louisville - Hiram C. Polk, Jr, MD Department of Surgery, Louisville, KY; J. Pan, S.N. Rai, A.C. Cambon, S.J. Waigel, W. Zacharias, University of Louisville, Louisville, KY.

4:18 pm 49

S-100B: A Stronger Prognostic Biomarker than LDH in Stage IIIB-C Melanoma

K.P. Wevers\*, S. Kruijff, M.J. Speijers, E. Bastiaannet, A.C. Muller Kobold, H.J. Hoekstra, *UMCG Groningen, Groningen, Netherlands.* 

#### Parallel Sessions...Parallel Sessions...Parallel Sessions

#### 4:30 pm 50

### MicroRNA Profiling Classifies Problematic Melanocytic Lesions

S.E. Martin del Campo\*, S.B. Peters, W.E. Carson, The Ohio State University, Columbus, OH; V.P. Grignol, Medical College of Wisconsin, Milwaukee, WI; J.R. Clark, Wright State University, Dayton, OH.

#### 4:42 pm 51

#### Tumor Heterogeneity in Metastatic Melanoma Patients with BRAF/NRAS Mutations

C.H. Yoon\*, J. Le, J. Gold, *Surgery, Surgical Oncology, Brigham and Women's Hospital, Boston, MA;* N. Ibrahim, M.M. Bertagnolli, *Dana Farber Cancer Institute, Boston, MA.* 

#### 4:54 pm 52

#### Molecular Characterization and Patients Outcome of Unknown Primary Melanoma with Nodal Metastases

H. Kosela\*, P. Rutkowski, Department of Soft Tissue/Bone Sarcoma and Melanoma, Memorial Cancer Center and Institute of Oncology, Warsaw, Poland: A. van Akkooi. Erasmus University Medical Center - Daniel den Hoed Cancer Center -Department of Surgical Oncology, Rotterdam, Netherlands; C. Robert, N. Kamsukom, Institute Gustave Roussy Dermatology Department, Villeiuif Paris Sud, France; M. Jurkowska, Institute of Rheumatology, Warsaw, Poland; A. Jeziorski, P. Pluta, Department of Surgical Oncology Medical University of Lodz, Lodz, Poland; C. Voit, Klinik für Dermatologie, Venerologie und Allergologie, Charite -University Medicine Berlin, Berlin, Germany: A. Gos, J. Siedlecki, Department of Molecular Biology Maria Sklodowska-Curie Memorial Cancer Centre and Institute of Oncology, Warsaw, Poland; W. Michej, Department of Pathology, Maria Sklodowska-Curie Memorial Cancer Centre and Institute of Oncology, Warsaw, Poland: S. Koljenovic, Department of Pathology Erasmus University Medical Centre – Daniel den Hoed Cancer Centre. Rotterdam. Netherlands: A. Eggermont, Cancer Institute Gustave Roussy, Villeiuif Paris Sud. France.

#### Parallel Sessions...Parallel Sessions...Parallel Sessions

5:06 pm 53

Sentinel Lymph Node Biopsy (SLNB) is Associated with Improved Survival in Merkel Cell Carcinoma

S.D. Kachare\*, N.A. Vohra, J. Wong, E.E. Zervos, T.L. Fitzgerald, *Surgical Oncology, East Carolina University - Brody School of Medicine, Greenville, NC.* 

# **NEW in 2013**

### HIGH IMPACT CLINICAL TRIALS AND TEAM SCIENCE AT THE SSO MELANOMA PILOT SESSION

### 5:18 pm

In preparation for even more innovation in 2014, this years Annual Symposium is showcasing select presentations to introduce a new category of abstracts that will be eligible for submission in 2014. The SSO "Team Science Initiative" is designed to allow members to submit findings from high impact clinical trials and/or team science collaborations for presentation at the SSO, even if the work has already been published or presented at another National meeting.

#### Join us in the Melanoma session for: MDM4 is a Key Therapeutic Target in Cutaneous Melanoma

A. Gembarska, F. Luciani, C. Fedele, E. A. Russell, M. Dewaele, S. Villar, A. Zwolinska, S. Haupt, J. de Lange, D. Yip, J. Goydos\*, J. J Haigh, Y. Haupt, L. Larue, A. Jochemsen, H. Shi, G. Moriceau, R. S. Lo, G. Ghanem, M. Shackleton, F. Bernal, J. Marine.

5:30 pm Discussion

# UPPER GASTROINTESTIONAL CANCER

3:30 - 5:45 pm Thursday, March 7 National Harbor 12/13

Moderators: Charles R. Scoggins, MD, MBA, and Jennifer F. Tseng, MD, MPH

3:30 pm 74

Frequency and Intensity of Postoperative Surveillance Following Curative Treatment of Pancreatic Cancer: A Cost-Effectiveness Analysis

C.D. Tzeng\*, S.B. Cantor, J.B. Fleming, J.E. Lee, P.W. Pisters, G. Varadhachary, M.H. Katz, *The University of Texas MD Anderson Cancer Center, Houston, TX*; D. Abbott, S.A. Ahmad, *University of Cincinnati, Cincinnati, OH.* 

3:42 pm 75

Neoadjuvant FOLFIRINOX for Pancreatic Cancer: Is the Clinical Reality Worth the Hype? B.A. Boone\*, J. Steve, N. Bahary, A.H. Zureikat, H.J. Zeh, Surgery, University of Pittsburgh, Pittsburgh, PA.

3:54 pm

76

Quality of Life in a Multi-Center Phase II Trial of Neoadjuvant Full Dose Gemcitabine, Oxaliplatin and Radiation in Patients with Resectable or Borderline Resectable Pancreatic Adenocarcinoma

P.E. Serrano\*, M.J. Moore, L.A. Dawson, J.G. Ringash, A.C. Wei, *University of Toronto, Toronto, Ontario, Canada;* M.M. Zalupski, E.J. Kim, *University of Michigan, Ann Arbor, MI;* J.M. Herman, D.A. Laheru, C. Wolfgang, *Johns Hopkins University, Baltimore, MD;* T.S. Bekaii-Saab, *The Ohio State University, Columbus, OH.* 

4:06 pm 77

Is it Time to Stop Checking Frozen Section Neck Margins During Pancreaticoduodenectomy?

N.L. Lad\*, M.H. Squires, S.B. Fisher, V.V. Mehta, S.K. Maithel, K. Cardona, M.C. Russell, C.A. Staley, D. Kooby, *Division of Surgical Oncology, Winship Cancer Institute, Emory University, Atlanta, GA.* 

#### Parallel Sessions...Parallel Sessions...Parallel Sessions

4:18 pm 78

Monocytic Myeloid Derived Suppressor Cells Increase Cancer Stem Cells in Pancreatic Cancer

R.Z. Panni\*, D.E. Sanford, B. Belt, D.G. Denardo, P. Goedegebuure, D.C. Linehan, *Washington University St. Louis, St. Louis, MO.* 

4:30 pm 79

Inhibition of Stromal TGFβR2 Inhibits Pancreatic Cancer Growth and Metastasis In Vivo

K.T. Ostapoff\*, B. Cenik, R.E. Schwarz, R.A. Brekken, Surgery, *University of Texas* Southwestern. Dallas. TX.

4:42 pm 80

Transforming Growth Factor-β is Required for Cytotoxic T Lymphocyte-Mediated Tumor Rejection

J.G. Quatromoni\*, E. Eruslanov, O. Okusanya, B.F. Judy, J. Predina, O. Venegas, S. Singahl, Hospital of the University of Pennsylvania - Division of Thoracic Surgery, Philadelphia, PA; S. Albelda, Hospital of the University of Pennsylvania - Division of Pulmonary, Allergy & Critical Care, Philadelphia, PA.

4:54 pm 81

Heparanase Inhibition Reduces Vascular Function, Collagen Deposition and Potently Inhibits Tumor Growth and Metastasis in Murine Models of Pancreatic Cancer K.T. Ostapoff\*, N. Awasthi, R.E. Schwarz, R.A. Brekken, Surgery, *University of Texas Southwestem, Dallas. TX.* 

5:06 pm 82

MicroRNA from Cyst Fluid Differentiates Cystic Lesions of the Pancreas

J.C. Henry\*, M. Bloomston, *Ohio State University Wexner Medical Center Department of Surgery, Columbus, OH;* J. Jiang, G. Francesco, T.D. Schmittgen, *Ohio State College of Pharmacy, Columbus, OH;* C. Bassi, *University of Verona Department of Surgery, Verona, Italy.* 

#### Parallel Sessions...Parallel Sessions...Parallel Sessions

5:18 pm 83

Salvage Gastrectomy After Intravenous and Intraperitoneal Paclitaxel (PTX) Combined with Oral Tegafur/Gimeracil/Oteracil Potassium (S-1) for Gastric Cancer with Peritoneal Metastasis J. Kitayama\*, H. Ishigami, H. Yamaguchi, S. Emoto, Department of Surgery, University of Tokyo, Tokyo, Japan.

# WELCOME RECEPTION

6:00 - 7:30 pm Thursday, March 7 Exhibit Hall (Prince George A/B)

Join is in the Exhibit Hall for hors d'oeuvres, refreshments and networking as you visit the Posters and Exhibits and view the latest, state-of-the-art equipment and technologies.

This complimentary event is open to all meeting registrants and registered guests.

# Claim CME Credit for the 66th Annual Cancer Symposium Online

Claim your CME credit for the 66th Annual Cancer Symposium at the CME kiosks near the registration area.

We encourage you to complete your evaluation and claim credit while on site. However, SSO members and other attendees may also claim credit from their home or office computers by logging on to https://show.jspargo.com/ssocme13/ prior to June 30, 2013.

# MEET THE PROFESSOR BREAKFASTS

6:30 - 7:30 am, Friday, March 8 Registration Required - Fee \$45 each Limit 30 per breakfast. Continental breakfast provided.

1. Management of Locoregional Recurrence of Melanoma Jonathan S. Zager, MD

Douglas S. Tyler, MD

Potomac 2

2. Establishing a Program in Minimally

**Invasive Esophagectomy** 

Steven N. Hochwald, MD

Potomac 3

3. Surgical Approaches to Functional

**Neuroendocrine Tumors** 

Jeffrey A. Norton, MD

Potomac 4

4. Preventing and Managing Complications After

**Pancreatic Cancer Surgery** 

Richard D. Schulick, MD

Potomac 5

5. How to Get Published in a High Impact Medical Journal

Charles M. Balch, MD

Mark S. Roh. MD. MMM

Potomac 6

6. Post-mastectomy Radiotherapy, Impact on Surgical **Decision Making** 

Mary L. Gemignani, MD, MPH Eleftherios P. Mamounas, MD

Chesapeake 8

7. Minimally Invasive Approaches to Rectal Cancer Alessio Pigazzi, MD, PhD

Chesapeake 9

8. Complex Case Conference - Hepatobiliary

Sharon M. Weber, MD

Michael A. Choti, MD, MBA

Steven A. Curley, MD

Potomac 1

# WELCOME AND ANNOUNCEMENTS

7:45 - 8:00 am Friday, March 8 Potomac Ballroom A/B

MONICA MORROW, MD <u>President</u>

TARI A. KING, MD Scientific Program Committee Chair

H. RICHARD ALEXANDER, JR., MD Local Arrangements Chair

# GET SSO 2013 ON-SITE UPDATES AND INFORMATION

Be sure to visit **SS02013.org**, leverage the SS0 2013 **Itinerary Planner** and **Mobile App**, and follow **@SocSurgOnc on Twitter** using the hashtag **#SS02013** for up-to-date on-site information!

# PLENARY SESSION I

#### 8:00 - 8:45 am Friday, March 8 Potomac Ballroom A/B

Moderator: V. Suzanne Klimberg, MD

8:00 am 1

Cytoreduction and HIPEC for Peritoneal Disease from Colorectal Carcinoma in The Netherlands: Long-term Outcome of Procedures Performed under a Standardized Protocol

A. Kuijpers\*, A. Aalbers, V. Verwaal, *Dutch Cancer Institute - Antoni van Leeuwenhoek Hospital, Amsterdam, Netherlands;* R. Wiezer, B. van Ramshorst, *Sint Antonius Hospital, Nieuwegein, Netherlands;* S. Nienhuijs, I. de Hingh, *Catharina Hospital, Eindhoven, Netherlands;* R. van Ginkel, K. Havenga, *University Medical Centre Groningen, Groningen, Netherlands;* L. te Velde, *VU Medical Centre, Amsterdam, Netherlands;* A. Bremers, H. de Wilt, *University Medical Centre Niimegen, Niimegen, Netherlands.* 

8:12 am

The 21-gene Recurrence Score (RS) Predicts Risk of Locoregional Recurrence (LRR) in Node (+), ER (+) Breast Cancer (BC) After Adjuvant Chemotherapy and Tamoxifen: Results from NSABP B-28

E.P. Mamounas\*, NSABP Operations and Biostatistical Centers, Aultman Hospital, Canton, OH; G. Tang, Q. Liu, J. Jeong, J.P. Costantino, NSABP, University of Pittsburgh Graduate School of Public Health, Department of Biostatistics, Pittsburgh, PA; S. Paik, S. Kim, NSABP, Pittsburgh, PA; F.L. Baehner, S.M. Butler, F. Jamshidian, D.B. Cherbavaz, A.P. Sing, S. Shak, Genomic Health, Inc., Redwood City, CA; T.B. Julian, D.L. Wickerham, N. Wolmark, NSABP, Allegheny Cancer Center at Allegheny General Hospital, Pittsburgh, PA; B.C. Lembersky, NSABP, University of Pittsburgh Cancer Institute, Pittsburgh, PA.

8:24 am

3

Genomic and Functional Analysis of Myxofibrosarcoma Identifies HGF/MET and Integrin α10 as Potential Prognostic Biomarkers and Novel Therapeutic Targets A.Y. Lee\*, N.P. Agaram, L. Qin, A.M. Crago, R.B. O'Connor, N.D. Socci, T. Okada, S. Singer, Surgery, Memorial Sloan-Kettering Cancer Center, New York, NY.

# **SOSAP**

#### **Surgical Oncology Self-Assessment Program**

Looking for more MOC Part II Certification that focuses on Surgical Oncology or help studying for Surgical Board Exams? The SSO is launching a new **Surgical Oncology Self-Assessment Program, SOSAP**.

**SOSAP** consists of six (6) question chapters and 250 self-assessment questions that focus on the following disease sites: Breast, Colorectal, Endocrine Head and Neck, Gastrointestinal, Hepatobiliary, Melanoma and Sarcoma.

Participants will be required to complete the program in its entirety, but on their own time and at their own pace. A score of 80% or higher must be achieved to receive Continuing Medical Education credit and earn self-assessment credits toward Part II of the American Board of Surgery (ABS) Maintenance of Certification (MOC) Program.

To learn more about the **SOSAP** program, please visit the **SOSAP** kiosk near the SSO Membership Booth on-site at the 66th Annual Cancer Symposium.

For SOSAP pricing, see page 21.

# PLENARY SESSION II

#### 8:50 - 9:45 am Friday, March 8 Potomac Ballroom A/B

Moderator: Ronald J. Weigel, MD, PhD

#### 8:50 am 4

Is Cancer Center Accreditation Associated with Improved Hospital Performance on Publicly Reported Quality Metrics?

R.P. Merkow\*, J.W. Chung, D.J. Bentrem, K.Y. Bilimoria, Department of Surgery, Surgical Outcomes and Quality Improvement Center and the Northwestern Institute for Comparative Effectiveness Research (NICER) in Oncology, Northwestern University, Chicago, IL; J.L. Paruch, Department of Surgery, University of Chicago Pritzker School of Medicine, Chicago, IL.

#### 9:02 am

Intra-arterial Therapy for Advanced Intrahepatic Cholangiocarcinoma – A Multi-Institutional Analysis

T. Pawlik\*, O. Hyder, D. Cosgrove, E. Liapi, J. Geschwind, *Surgery, Johns Hopkins University, Baltimore, MD;* D. Neal, J.W. Marsh, *University of Pittsburgh Medical Center, Pittsburgh, PA;* A. Zhu, S. Kalva, Massachusetts General *Hospital, Boston, MA;* C. Sofocleous, E. Petre, *Memorial Sloan-Kettering Cancer Center, New York, NY.* 

# 2013 HARVEY BAKER TRAVELING FELLOW AWARD

9:14 am 6

How Often Is Axillary Dissection Avoided When Z11
Eligibility Criteria Are Applied in Routine Practice:
Results From a Prospective Series of
Consecutively Treated Patients

L.T. Dengel\*, M.J. Junqueira, K.J. Van Zee, T.A. King, H.S. Cody, M. Stempel, D. Capko, M. El-Tamer, M. Gemignani, A. Heerdt, G. Plitas, V. Sacchini, L.M. Sclafani, S. Patil, M. Morrow, *Memorial Sloan-Kettering Cancer Center, New York, NY.* 

9:26 am

7

Invasive Carcinoma in Intraductal Papillary Mucinous Neoplasms of the Pancreas can be Predicted with a Nomogram

C. Correa\*, R. Do, M. Gonen, J. Lafemina, M. D'Angelica, R.P. DeMatteo, Y. Fong, T. Kingham, M.F. Brennan, W.R. Jarnagin, P.J. Allen, *Memorial Sloan-Kettering Cancer Center, New York, NY.* 

### REFRESHMENT BREAK

9:45 - 10:15 am, Friday, March 8
View Posters & Exhibits in the Exhibit Hall
Prince George A/B Exhibit Hall

# President's Reception and Dinner

7:00 - 9:30 pm, Saturday, March 9
Tickets Required
Potomac Ballroom C123

SSO President Dr. Monica Morrow invites you to join her Saturday evening for cocktails and a buffet dinner. The new format of the Saturday evening event will provide lots of opportunities for connecting with friends and colleagues to discuss all the news from the meeting.

Partially supported by the American Joint Committee on Cancer and the Commission on Cancer.

# CLINICAL INVESTIGATOR AWARD PRESENTATIONS

10:15 - 11:00 am Friday, March 8 Potomac Ballroom A/B

Moderator: Kenneth K. Tanabe, MD

10:15 am Phase 1 Trial of Combination Immunotherapy with a HER2/neu Peptide Vaccine and Trastuzumab in Breast Cancer Patients

Elizabeth A. Mittendorf, MD, PhD

Assistant Professor

Department of Surgical Oncology

University of Texas MD Anderson Cancer Center

Houston, TX

10:28 am Nanotechnology for Intraoperative Cancer

**Detection and Image-Guided Surgery** 

Sunil Singhal, MD

Assistant Professor

Division of Thoracic Surgery

University of Pennsylvania School of Medicine

Philadelphia, PA

10:41 am Clinical and Preclinical Evaluation of

Regional Immunotherapy for

**Liver Metastases** 

Steven C. Katz. MD

Assistant Professor of Surgery

Boston University School of Medicine

Director, Surgical Oncology Fellowship Program

Director, Surgical Immunotherapy

Roger Williams Medical Center

Providence, RI

10:55 am Final Remarks-Announcement of the

**2013-2015 Recipients** 

William G. Cance, MD

President, James Ewing Foundation

# **SSO PRESIDENTIAL ADDRESS:**THE END OF THE BEGINNING

11:00 - 11:45 am, Friday, March 8

Potomac Ballroom A/B



Monica Morrow, MD
Chief, Breast Surgical Service
Anne Burnett Windfohr Chair of
Clinical Oncology
Memorial Sloan-Kettering Cancer Center
Professor of Surgery,
Weill Medical College of Cornell University

## COMPLIMENTARY LUNCH IN THE EXHIBIT HALL

11:45 am - 12:45 pm, Friday, March 8 Prince George A/B Exhibit Hall

View Posters & Exhibits in the Exhibit Hall

### DISTINGUISHED SERVICE AWARD

12:45 - 1:00 pm, Friday, March 8

Potomac Ballroom A/B

**Presented by:** Mitchell C. Posner, MD University of Chicago, Chicago, IL

**HONORING:** David P. Winchester Sr., MD

Evanston Hospital, Evanston, IL

For outstanding contributions to surgical oncology



Dr. David P. Winchester, a Northwestern University Feinberg School of Medicine graduate is a past Professor of Surgery at Northwestern and is currently Clinical Professor of Surgery at the University of Chicago Pritzker School of Medicine. He

completed his general surgical residency at Northwestern and fellowship in Surgical Oncology at MD Anderson Cancer Center. He has been a practicing surgical oncologist at NorthShore University HealthSystem for 42 years. Dr. Winchester has served as Medical Director of the National Cancer Programs of the American College of Surgeons for 27 years. He was President of SSO from 1997 to 1998.

## AMERICAN CANCER SOCIETY/SSO BASIC SCIENCE LECTURE

# Reprogramming Immune Microenvironments in Solid Tumors to Enhance Therapy

1:00 - 1:45 pm, Friday, March 8 Potomac Ballroom A/B

Moderator: Monica Morrow, MD



Lisa M. Coussens, PhD
Hildegard Lamfrom Chair in Basic Science
Professor and Chair, Cell &
Developmental Biology
Associate Director for Basic Research,
Knight Cancer Institute
Oregon Health & Science University,

Supported by an independent educational grant from the American Cancer Society

Portland, Oregon

### **Educational Sessions**

THE SURGICAL ONCOLOGY WORKFORCE OF THE FUTURE – AN UPDATE ON PROGRAM ACCREDITATION, BOARD CERTIFICATION, AND MAINTENANCE OF CERTIFICATION



(See page 17 for listing of ACGME Core Competencies)

1:45 - 3:15 pm, Friday, March 8 National Harbor 10/11

Moderators: Danny M. Takanishi, MD and Karyn B. Stitzenberg, MD, MPH

1:45 - 1:50 pm Overview

Danny M. Takanishi, MD

Professor of Surgery, University of Hawaii Program Director, University of Hawaii Surgical Residency Program

Honolulu, HI

1:50 - 2:05 pm The Current State of Our Surgical

Oncology Workforce Karyn B. Stitzenberg, MD, MPH

Assistant Professor of Surgery University of North Carolina

Chapel Hill, NC

2:05 - 2:20 pm An Update on ACGME Accreditation of Surgical Oncology Fellowship Programs

Peggy Simpson, EdD

Executive Director, Review Committees for Plastic Surgery, Surgery, and Thoracic Surgery

Accreditation Council for Graduate

Medical Education Chicago, IL

2:20 - 2:35 pm Board Certification and the Future of Surgical Oncology

Fabrizio Michelassi, MD

The Lewis Atterbury Stimson Professor of

Surgery and Chair

Weill Cornell Medical College

Surgeon-in-Chief

New York-Presbyterian Hospital

New York, NY

2:35 - 2:50 pm Maintenance of Certification

V. Suzanne Klimberg, MD

Muriel Balsam Kohn Chair in Breast

Surgical Oncology

Professor of Surgery and Pathology

University of Arkansas for Medical Sciences

Director, Breast Cancer Program

Winthrop P. Rockefeller Cancer Institute

Little Rock, AR

2:50 - 3:15 pm Questions and Answers

#### REFRESHMENT BREAK

3:15 - 3:45 pm, Friday, March 8
View Posters & Exhibits in the Exhibit Hall
Prince George A/B Exhibit Hall

### **Poster Presentations**

All Scientific Posters will be on display in the Exhibit Hall from 6:00 pm on Thursday until 1:30 pm on Saturday.

Authors are requested to be available during the times below, as their schedules permit, to answer questions about their presentations.

Thursday, March 7 6:00 - 7:30 pm Friday, March 8 9:45 - 10:15 am

11:45 am - 12:45 pm

3:15 - 3:45 pm

Saturday, March 9 9:45 - 10:15 am 12:30 - 1:30 pm

## THE CHALLENGE OF SURGICAL DECISION MAKING IN THE FRA OF PERSONALIZED MEDICINE







(See page 17 for listing of ACGME Core Competencies)

1:45 - 3:15 pm, Friday, March 8 National Harbor 2/3

Moderators: Funda Meric-Bernstam, MD

1:45 - 1:55 pm Personalized Medicine from the Surgeons Perspective

Funda Meric-Bernstam, MD

Professor, Deptartment of Surgical Oncology Medical Director, Institute of Personalized

Cancer Therapy

The University of Texas MD Anderson

Cancer Center Houston, TX

1:55 - 2:15 pm **Current Directions in Surgical Decision** 

> Making for Patients with Intraductal Papillary Mucinous Neoplasms of the Pancreas

Peter J. Allen, MD

Associate Professor of Surgery

Memorial Sloan-Kettering Cancer Center

New York, NY

2:15 - 2:35 pm Challenges in Implementing Personalized

Surgical Care When the Science Isn't

**Ready for Primetime** David Ransohoff, MD

Professor of Medicine

University of North Carolina, Chapel Hill

Chapel Hill, NC

2:35 - 2:55 pm **Communication and Decision-Making** 

with Patients: Lessons Learned from

**Breast Cancer** 

Steven J. Katz, MD, MPH

Professor, Departments of Medicine and

Health Management and Policy

University of Michigan

Ann Arbor, MI

**Questions and Answers** 2:55 - 3:15 pm

#### VIEW POSTERS AND EXHIBITS

3:15 - 3:45 pm, Prince George A/B Exhibit Hall

### **COLORECTAL CANCER**

3:45 - 5:45 pm Friday, March 8 National Harbor 2/3

Moderators: Glen Balch, MD and Masaki Mori, MD, PhD

# 2013 COLORECTAL CANCER RESEARCH SCHOLAR

3:45 pm 17

Downregulation of Intercellular Adhesion Molecule-1 (ICAM-1) Abrogates Hepatic Metastases in Murine Colon Adenocarcinoma

K.K. Lo\*, F. Gamboni, L. Ao, B. Edil, R. Schulick, C.C. Barnett, *University of Colorado, Aurora, CO.* 

### 3:57 pm 18

Complement Inhibition: A Novel Form of Immunotherapy for Colon Cancer

D. Magge\*, Z. Guo, M. O'Malley, L. Francis, R. Ravindranathan, D.L. Bartlett, *University of Pittsburgh Medical Center, Pittsburgh, PA.* 

### 4:09 pm 19

Phase II Trial of Neoadjuvant Oxaliplatin and Capecitabine (XELOX) and Bevacizumab without Radiotherapy for Poor-risk Rectal Cancer

K. Uehara\*, Y. Yoshioka, M. Nagino, Division of Surgical Oncology, Department of Surgery, Nagova University Graduate School of Medicine. Nagoya, Japan; K. Hiramatsu, Department of Surgery, Toyohashi Municipal Hospital. Toyohashi. Japan; A. Maeda, Department of Surgery, Ogaki Municipal Hospital, Ogagi, Japan; E. Sakamoto, Department of Surgery, Nagoya Daini Red Cross Hospital, Nagoya, Japan; M. Inoue, Department of Surgery, Handa City Hospital, Handa, Japan; S. Kobayashi, Department of Surgery, Toyota Kosei Hospital, Toyota, Japan; Y. Tojima, Department of Surgery, Chukyo Hospital, Nagoya, Japan; G. Nakayama, Y. Kodera, Department of Surgery II, Nagova University Graduate School of Medicine. Nagoya, Japan; N. Ohmiya, H. Goto, Department of Gastroenterology, Nagoya University Graduate School of Medicine, Nagoya, Japan.

4:21 pm 20

Perioperative Systemic Chemotherapy for Metastatic Appendiceal Cancer Treated with Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy

A. Blackham\*, K. Swett, J. Sirintrapun, S. Bergman, K. Geisinger, K.I. Votanopoulos, J.H. Stewart, P. Shen, E. Levine, *Wake Forest School of Medicine, Winston-Salem, NC*; C. Eng, *University of Texas MD Anderson Cancer Center, Houston, TX*.

4:33 pm 21

Learning Curve and Surgical Performance of Cytoreductive Surgery and Intraperitoneal Chemotherapy for Pseudomyxoma Peritonei: A PSOGI Multicentric Study

M. Deraco, S. Kusamura\*, D. Baratti, Colorectal Surgery Department, Fondazione IRCCS Istituto Nazionale Tumori di Milano, Milano, Italy; D. Morris, T. Chua, T. Yan, W. Liauw, Hepatobiliary and Surgical Oncology Unit, University of New South Wales Department of Surgery, St George Hospital, Sydney, New South Wales, Australia: B. Moran. Basingstoke and North Hampshire NHS Foundation Trust, Basingstoke, United Kingdom; P.H. Sugarbaker, Washington Cancer Institute, Washington Hospital Center, Washington, DC: E. Levine, Surgical Oncology Service, Wake Forest University Baptist Medical Center, Winston-Salem, NC; E. Dominique, D. Goere, C. Honore, Department of Surgical Oncology, Institut Gustave Roussy, Cancer Center, Villejuif, France; A. Sardi, Division of Surgery, Department of Surgical Oncology. The Institute for Cancer Care, Mercy Medical Center, Baltimore, MD; O. Glehen, F. Gilly, Department of Digestive Surgery, Centre Hospitalo-Universitaire Lyon Sud. Hospices Civils de Lyon, Pierre Bénite Cedex, Lyon, France; P. Barrios, Department of Oncological Surgery, Hospital Sant Joan Despí, Moises Broggi, Peritoneal Surface Malignancy Catalonian's Programme, Sant Joan Despí, Barcelona, Spain: A.G. Portilla. Department of General Surgery and Digestive Diseases, Hospital Santiago Apostol, Vitoria, Spain: S. Gonzalez-Moreno, Peritoneal Surface Oncology Program, Department of Surgical Oncology, Centro Oncológico MD Anderson Cancer Center Madrid, Madrid, Spain; K. Van der Speeten, Department of Surgical Oncology, Ziekenhuis

Oost-Limburg, Genk., Belgium; W.P. Ceelen, Department of Gastrointestinal Surgery, University Hospital, De Pintelaan 185, Ghent, Belgium; J.W. Pelz, Department of General-, Visceral-, and Paediatric Surgery, University of Wuerzburg, Wuerzburg, Germany; I.H. J.T. de Hingh, Department of Surgery, Catharina Hospital, Eindhoven, Netherlands; P. Pompiliu, University Medical Center Regensburg, Regensburg, Germany.

### 4:45 pm 22

# Gene Expression Profiles of Rectal Cancers with Mutant or Wild Type KRAS

J. Garcia-Aguilar\*, K. Avila, C. Chen, M.R. Weiser, Memorial Sloan-Kettering Cancer Center, New York, NY; Z. Chen, C. Warden, N. Zhou, Y. Yuan, City of Hope, Duarte, CA.

### 4:57 pm 23

### Understanding Race-related Colorectal Cancer Survival Disparities

U. Phatak\*, L.S. Kao, T.C. Ko, C.J. Wray, *University* of Texas Health Science Center at Houston, Houston, TX.

### 5:09 pm 24

### Only Intact Circulating Tumor Cells Predict Survival in Colorectal Cancer

U. Bork\*, C. Reissfelder, J. Weitz, M. Koch, Department of GI, Thoracic and Vascular Surgery, University Hospital Dresden, Dresden, Germany; N. Rahbari, S. Schoelch, M. Pfeifer, W. Seibold, Department of Surgery, University Hospital Heidelberg, Heidelberg, Germany; B. Kasenda, Institute for Clinical Epidemiology and Biostatistics, University Hospital Basel, Basel, Switzerland.

## **NEW in 2013**

### HIGH IMPACT CLINICAL TRIALS AND TEAM SCIENCE AT THE SSO COLORECTAL CANCER PILOT SESSION

## 5:21 pm

In preparation for even more innovation in 2014, this years Annual Symposium is showcasing select presentations to introduce a new category of abstracts that will be eligible for submission in 2014. The SSO "Team Science Initiative" is designed to allow members to submit findings from high impact clinical trials and/or team science collaborations for presentation at the SSO, even if the work has already been published or presented at another National meeting.

### Join us in the Colorectal Cancer session for: Identification of Lynch Syndrome among Patients with Colorectal Cancer

- L. Moreira, F. Balaguer, N. Lindor, A. de la Chapelle,
- H. Hampel, L. A. Aaltonen, J. L. Hopper, L. Le Marchand,
- S. Gallinger\*, P. A. Newcomb, R. Haile, S. N. Thibodeau,
- S. Gunawardena, M. A. Jenkins, D. D. Buchanan,
- J. D. Potter, J. A. Baron, D. J. Ahnen, V. Moreno,
- M. Andreu , M. Ponz de Leon, A. K. Rustgi, A. Castells A; EPICOLON Consortium

5:33 pm Discussion

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### **ENDOCRINE CANCER**

3:45 - 5:45 pm Friday, March 8 National Harbor 12/13

Moderators: Peter Angelos, MD, PhD and Douglas L. Fraker, MD

25 3:45 pm

> The use of Modified 4-Dimensional Computed Tomography in 100 Consecutive Patients with Primary Hyperparathyroidism: An Argument for the Abandonment of Sestamibi SPECT

T.A. Platz\*, A. Abdelhalim, A. Groman, W. Cance, Surgical Oncology, Roswell Park Cancer Institute.

Orchard Park, NY.

3:57 pm 26

> Minimally Invasive Parathyroidectomy is the **Best Initial Operation for Patients with Localized Parathyroid Disease**

H. Wachtel\*, M.C. Wismer, E.K. Bartlett, P.K. Shah. R.R. Kelz, G.C. Karakousis, D.L. Fraker, Surgery, Hospital of the University of Pennsylvania. Philadelphia, PA.

27 4:09 pm

> Presentation, Management and Outcomes of Hyperparathyroidism in Octagenarians and Nonagenarians

S.C. Oltmann\*, D. Schneider, R.S. Sippel, H. Chen, Surgery, University of Wisconsin, Madison, WI.

4:21 pm 28

> Utility of Intraoperative Parathyroid Hormone Assay Following Parathyroidectomy with Four **Gland Visualization**

> K. Ahmed\*, A. Alhefdhi, D. Schneider, R.S. Sippel, H. Chen, H. Mazeh, University of Wisconsin, Madison, WI.

4:33 pm 29

> Predictors of Radioactive Iodine Ablation Use for Micropapillary Thyroid Carcinoma Over **Two Decades**

A.W. Chae\*, S.R. Martinez, A.D. Yang, University of California-Davis, Sacramento, CA.

4:45 pm 30

Targeted Drug Delivery with Octreotide-Conjugated Unimolecular Micelles in Medullary Thyroid Cancer

J.F. Burke\*, A. Dammalapati, H. Chen, R. Jaskula-Sztul, *Endocrine Research Laboratory, University of Wisconsin, Madison,* WI; W. Xu, S. Pilla, S.S. Gong, *Department of Biomedical Engineering and Wisconsin Institutes for Discovery, University of Wisconsin, Madison, WI.* 

4:57 pm 31

Small Bowel Carcinoid: Location Isn't Everything!

D.M. Hari\*, A.M. Leung, M. Sim, J. Lee, *Surgical Oncology, John Wayne Cancer Institute, Santa Monica, CA;* H.M. Reich, E.M. Wolin, F. Amersi, *Cedars-Sinai Medical Center, Los Angeles, CA.* 

5:09 pm 32

Overexpression of Membrane Proteins in Primary and Metastatic Gastrointestinal Neuroendocrine Tumors

J.C. Carr\*, S.K. Sherman, D. Wang, M. O'Dorisio, T.M. O'Dorisio, J.R. Howe, *University* of Iowa Hospitals and Clinics, Iowa City, IA.

5:21 pm 33

Surgical Management of Advanced Adrenocortical Carcinoma: AJCC Prognostic Factors

T.B. Tran\*, V.G. Menon, D. Liou, N.N. Nissen, *Cedars-Sinai Medical Center, Los Angeles, CA.* 

5:33 pm 34

Adrenalectomy Provides Survival Benefit for Patients with Distant Adrenal Metastases G. Howell\*, M.J. Armstrong, M.T. Stang, K.L. McCoy, D.L. Bartlett, S.E. Carty, L. Yip, Surgery, University of Pittsburgh, Pittsburgh, PA.

### **HEPATOBILIARY CANCER**

3:45 - 5:45 pm Friday, March 8 National Harbor 10/11

Moderators: Rob Martin, MD and Timothy M. Pawlik, MD, MPH, PhD

3:45 pm 3!

Microwave Ablation for Hepatic Malignancies: A Multi-Institutional Analysis

R.T. Groeschl\*, C.H. Pilgrim, K.K. Christians,

W.S. Rilling, T. Gamblin, *Medical College of Wisconsin, Milwaukee, WI;* E.M. Hanna, K.A. Simo, R.Z. Swan, D. Sindram, J.B. Martinie, D.A. Iannitti, *Carolinas Medical Center, Charlotte, NC;* M. Bloomston, C. Schmidt, H. Khabiri, L.A. Shirley, *Ohio State University, Columbus, OH;* 

R.C. Martin, *University of Louisville, Louisville, KY.* 

3:57 pm 36

Hospital-based, Acute Care Encounters Following Radiofrequency Ablation of Hepatic Tumors

R.M. Tuttle\*, J. Fox, M. Hellan, J. Ouellette, *Wright State University, Dayton, OH.* 

4:09 pm 37

Optimal Stroke Volume Variation in Hepatic Resection: A Replacement for Standard Central Venous Pressure Monitoring E.M. Dunki-Jacobs\*, P. Philips, G.G. Callender, C.R. Scoggins, K.M. McMasters, R.C. Martin, *U of Louisville, Louisville, KY.* 

4:21 pm 38

Identification of a Bona-fide Biomarker of MicroRNA in Serum Exosomes to Predict Recurrence of Hepatocellular Carcinoma After Liver Transplantation

K. Sugimachi\*, T. Matsumura, M. Ishibashi, S. Akiyoshi, T. Sudo, K. Mimori, *Surgery, Kyushu Univ Beppu Hospital, Beppu, Japan;* K. Shirabe, Y. Maehara, *Kyushu University, Fukuoka, Japan.* 

4:33 pm 39

A Multi-Institutional Analysis of Recurrencefree and Overall Survival: Prognostic Factors in Patients with Hepatocellular Carcinoma in a Non-Cirrhotic Liver

K. Arnaoutakis, M. Mavros, C. Wolfgang, M.A. Choti, T. Pawlik\*, Surgery, Johns Hopkins University, Baltimore, MD; F. Shen, *Eastern Hepatobiliary Surgery Hospital, Second Military Medical University*, Shanghai, China; I. Popescu, S. Alexandrescu, *Institute for Digestive Diseases and Liver Transplantation Fundeni, Bucharest, Romania.* 

4:45 pm 40

Analysis of Toxicity and Outcomes in Patients Undergoing Hyperthermic Isolated Hepatic Perfusion with Melphalan for Metastatic Melanoma to the Liver

B.J. Golas\*, D. Magge, A.H. Zureikat, H.J. Zeh, M.P. Holtzman, D.L. Bartlett, J.F. Pingpank, University of Pittsburgh, Pittsburgh, PA; M.S. Hughes, Surgery Branch, National Cancer Institute, Bethesda, MD; H.R. Alexander, University of Maryland, Baltimore, MD; R.E. Royal, MD Anderson Cancer Center, Houston, TX; S.K. Libutti, Albert Einstein/Montefiore Medical Center, New York, NY; K.K. Turaga, S.G. Pappas, T. Gamblin, Medical College of Wisconsin, Milwaukee. WI.

4:57 pm 41

A Comparison Between Perioperative and Post-Operative Chemotherapy After Potentially Curative Hepatic Resection for Metastatic Colorectal Cancer R.L. Araujo\*, M. Gonen, N. Kemeny, P.J. Allen, L.H. Blumgart, R.P. DeMatteo, Y. Fong, W.R. Jarnagin, M. D'Angelica, Memorial Sloan-Kettering Cancer Center, New York, NY.

5:09 pm 42

COX-2 Inhibition with Apricoxib Mediates Response to Chronic Anti-VEGF Therapy A.R. Kirane\*, J.E. Toombs, M.T. Dellinger, R.E. Schwarz, R.A. Brekken, UTSW, Dallas, TX; F.J. Burrows, Tragara Pharmaceuticals, San Diego, CA.

5:21 pm 43

> Improved Post-Operative Survival for Intraductal Growth Subtype of Intrahepatic Cholangiocarcinoma

L.L. Dover\*, D.A. Dubay, R. Jacob, J.H. Richardson, T.N. Wang, *University of Alabama* at Birmingham, Birmingham, AL.

44 5:33 pm

> Role of Biliary CEACAM6 as a Biomarker for Cholangiocarcinoma

J.B. Rose\*, A. Alseidi, S. Helton, K. Kowdley, F.G. Rocha, Virginia Mason Medical Center, Seattle, WA; J. Nelson, Benaroya Research Institute, Seattle, WA; C. Correa-Gallego, P.J. Allen, M. D'Angelica, R.P. DeMatteo, Y. Fong, T. Kingham, W.R. Jarnagin, *Memorial Sloan-*Kettering Cancer Center, New York, NY.

### COMPLIMENTARY BOX LUNCHES

11:45 am - 12:45 pm, Friday, March 8 12:30 - 1:30 pm, Saturday, March 9

Exhibit Hall (Prince George A/B)

## QUALITY IMPROVEMENT/ CLINICAL OUTCOMES

3:45 - 5:45 pm Friday, March 8 Chesapeake 4/5

Moderators: Heather B. Neuman, MD and Karyn B. Stitzenberg, MD, MPH

3:45 pm 54

Patient Attitudes about the Cost of Cancer Care: Expectations and Realities in the Current Health Care Climate D.E. Abbott\*, D. Hanseman, S.A. Ahmad, Surgery, University of Cincinnati, Cincinnati, OH; C.D. Tzeng, V. Sohn, S.A. Curley, The University of Texas MD Anderson Cancer Center, Houston, TX.

3:57 pm 55

Clinical Impact of Real Time Reporting Using the Commission on Cancer's Rapid Quality Reporting System: Is It Worthwhile? S. Kumar\*, M. Betrus, J. Fitzgerald, C. Rinaldo, K. Delgado, S.B. Edge, Surgical Oncology, Roswell Park Cancer Institute, Buffalo, NY.

4:09 pm 56

Do Hospitals Need Cancer-specific Quality Comparisons? Assessment of Performance for Cancer vs. Non-Cancer Surgery J.L. Paruch\*, R.P. Merkow, A. Stewart, M.H. Ju, D. Winchester, C.Y. Ko, K.Y. Bilimoria, *American College of Surgeons, Chicago, IL.* 

4:21 pm 57

Fostering Coordinated Survivorship Care in Breast Cancer: Who is "Lost to Follow-up"?

M. Kukar\*, N. Watroba, A. Miller, S. Kumar,
S.B. Edge, Surgical Oncology, Roswell Park Cancer Institute, Buffalo, NY.

4:33 pm 58

Establishment of Multidisciplinary (MDC)
Hepatocellular Carcinoma (HCC) Clinic is
Associated with Better Clinical Outcome
K.T. Ostapoff, A. Singal, J. Marrero, R.E. Schwarz,
G.C. Balch, J.C. Mansour, A.C. Yopp\*, Surgical
Oncology, UT Southwestern Medical Center,
Dallas, TX.

4:45 pm 59

Elevated C-Reactive Protein as a Predictor of Patient Outcomes Following Palliative Surgery A.M. Blakely\*, D.S. Heffernan, W.G. Cioffi, T.J. Miner, *General Surgery, Rhode Island Hospital, Providence, Bl.* 

4:57 pm 60

A Multi-center Double-blind, Placebocontrolled Study on the Effect of a Peripherally Acting  $\mu\text{-Opioid}$  Receptor Antagonist, Alvimopan, on Intestinal Cancer Surgery Patients in an Enhanced Recovery Pathway

M.J. Ott\*, R. Moesinger, M. Peters, J. Zhang, J. Prochazka, G. Bullock, K. Robins, L. Archibald, *Intermountain Healthcare, Salt Lake City, UT.* 

5:09 pm 61

Should Margin Status Be Monitored as an Outcome Following Pancreatic Cancer Surgery?

R.P. Merkow\*, J.L. Paruch, A. Stewart,
D. Winchester, C.Y. Ko, K.Y. Bilimoria, *Division of Research and Optimal Patient Care, American College of Surgeons, Chicago, IL;* D.J. Bentrem, *Department of Surgery, Surgical Outcomes and Quality Improvement Center and the Northwestem Institute for Comparative Effectiveness Research (NICER) in Oncology, Northwestern University, Chicago, IL;* H.A. Pitt, *Department of Surgery, Indiana University School of Medicine, Indianapolis, IN.* 

5:21 pm 62

Postoperative Complications Reduce Adjuvant Chemotherapy Use in Resectable Pancreatic Cancer

R.P. Merkow\*, K.Y. Bilimoria, J.L. Paruch,
A. Stewart, D. Winchester, C.Y. Ko, *Division of Research and Optimal Patient Care, American College of Surgeons, Chicago, IL;* D.J. Bentrem, *Department of Surgery, Surgical Outcomes and Quality Improvement Center and the Northwestern Institute for Comparative Effectiveness Research (NICER) in Oncology, Northwestern University, Chicago, IL;* J.S.
Tomlinson, *Department of Surgery, University of California, Los Angeles (UCLA) and VA Greater Los Angeles Healthcare System, Los Angeles, CA.* 

5:33 pm 63

Race Does Not Impact Pancreatic Cancer Treatment and Survival in an Equal Access Federal Health Care System

S. Lee\*, C.D. Tzeng, G.J. Chang, J.B. Fleming, J.E. Lee, M.H. Katz, *MD Anderson Cancer Center, Houston, TX*; R.L. Jeffrey, S.P. Hetz, *William* 

# President's Reception and Dinner

7:00 - 9:30 pm, Saturday, March 9
Tickets Required
Potomac Ballroom C123

SSO President Dr. Monica Morrow invites you to join her Saturday evening for cocktails and a buffet dinner. The new format of the Saturday evening event will provide lots of opportunities for connecting with friends and colleagues to discuss all the news from the meeting.

Partially supported by the American Joint Committee on Cancer and the Commission on Cancer.

### **SARCOMA**

3:45 - 5:45 pm Friday, March 8 National Harbor 4/5

Moderators: Aimee Crago, MD and R. Lor Randall, MD

3:45 pm 64

High Risk Soft Tissue Sarcoma Biomarker Expression Patterns and Outcome Following Neoadjuvant Chemoradiation

J.M. Kane\*, Surgical Oncology, Roswell Park Cancer Institute, Buffalo, NY; Q. Zhang, A. George, W. Kraybill, Radiation Therapy Oncology Group, Philadelphia, PA; T. DeLaney, Massachusetts General Hospital, Boston, MA; A. Klimowicz, Tom Baker Cancer Centre, Calgary, Alberta, Canada; A. Magliocco, Moffitt Cancer Center, Tampa, FL; J. Simko, University of California, San Francisco, San Francisco, CA.

3:57 pm 65

Liposarcoma Xenograftability is Predictive of Patient Disease Specific Survival E. Shurell\*, K.B. Smith, L.M. Tran, B. Tam, S. Dry, H. Wu, F.C. Eilber, *University of California* 

Los Angeles, Los Angeles, CA.

4:09 pm 66

Vascular Leiomyosarcomas: Clinical Observations and Molecular Variables K.E. Torres, G.M. Boland\*, E. Demicco, K. Lusby, D. Ingram, J.M. Palmer, A. Lazar, J. Cormier, K. Hunt, D. Lev, R. Pollock, K.E. Torres\*, MD Anderson Cancer Center, Houston, TX.

4:21 pm 67

Dermatofibrosarcoma Protuberans: Analysis of Markers of Cell Proliferation, Invasiveness and Apoptosis, Study of Fusion COL-1α1/PDGF-β by FISH and Correlation with Relapse A.S. Molina\*, J.P. Duprat, P.H. Figueiredo, E. Bertolli, I.W. Cunha, G.G. Debiasi, *Cutaneous Oncology, Hospital;* A. C. Camargo, Sao Paulo, Sao Paulo, Brazil; J.H. Fregnani, *Hospital de Cancer de Barretos, Barretos, Sao Paulo, Brazil.* 

4:33 pm 69

# First Method for In Vivo Fluorescent Visualization of GIST

C.A. Metildi\*, C. Tang, S. Kaushal, S.Y. Leonard, P. Magistri, S. Horgan, M. Bouvet, J.K. Sicklick, *University of California San Diego, San Diego, CA;* R.M. Hoffman, *AntiCancer, Inc., San Diego, CA.* 

4:45 pm 70

KIT Mutation Status and Multi-Visceral Resection Impact Outcomes of Neoadjuvant Therapy for Gastrointestinal Stromal Tumors B. Bednarski\*, D. Araujo, M. Yi, D. Lev, A. Lazar, J. Cormier, P.W. Pisters, R. Pollock, B. Feig, K. Hunt, Surgical Oncology, University of Texas MD Anderson Cancer Center, Houston, TX.

4:57 pm 71

Neoadjuvant Chemotherapy to Define Biologic Behavior Prior to Resection of Primary Angiosarcoma

J.M. Kane\*, J. Oxenberg, N.I. Khushalani, K.S. May, K. Attwood, *Roswell Park Cancer Institute, Buffalo, NY.* 

5:09 pm 72

Local Recurrence After Extended Surgery for Primary Retroperitoneal Sarcoma: Is Second Surgery Worthwhile?

C. Colombo\*, S. Radaelli, M. Fiore, R. Sanfilippo, S. Stacchiotti, P. Collini, C. Sangalli, C. Morosi, P. Casali, A. Gronchi, *Fondazione IRCCS Istituto Nazionale dei Tumori, Milan, Italy.* 

5:21 pm 73

### Prognosis of Solitary Fibrous Tumors: A Multi-Center Study

W. van Houdt\*, UMC Utrecht, Utrecht, Netherlands; C. Westerveld, J. van Gorp, T. van Dalen, Diakonessenhuis, Utrecht, Netherlands; F. van Coevorden, The Netherlands Cancer Institute, Amsterdam, Netherlands; C. Verhoef, Daniel den Hoed Cancer Center, Erasmus University MC, Amsterdam, Netherlands.

# Saturday

# MEET THE PROFESSOR BREAKFASTS

6:30 - 7:30 am, Saturday, March 9
Registration Required – Fee \$45 each
Limit 30 per breakfast. Continental breakfast provided.

 Nonresectional Therapy for Hepatic Colorectal Metastases: Patient Selection and Approaches N. Joseph Espat, MD, MS Potomac 3

 Application of Robotics in Upper GI Cancer Surgery Sricharan M. Chalikonda, MD Potomac 4

3. Management of Recurrent GIST Chandrajit P. Raut, MD, MSc Potomac 5

4. Hilar Cholangiocarcinoma Alan Hemming, MD, FRCSC Potomac 6

5. Optimizing Loco-regional Treatment Strategies for Merkel Cell Carcinoma Vernon K. Sondak, MD Chesapeake 8

6. Recurrent Thyroid Cancer Ashok R. Shaha, MD Chesapeake 9

7. Complex Case Conference - Breast Cancer Hiram S. Cody, MD Armando E. Giuliano, MD, FRCSEd Joseph P. Crowe, MD Potomac 1

8. Complex Case Conference - Colorectal Cancer Andrew J. Smith, MD, MSc, FRCSC Heidi Nelson, MD Philip B. Paty, MD Potomac 2

### Symposium

## THE DIN AROUND DCIS: CANCER OR NOT?

0 2 3

(See page 17 for listing of ACGME Core Competencies)

7:30 - 9:00 am, Saturday, March 9
National Harbor 2/3

Moderator: Seema A. Khan, MD

7:30 - 7:35 am Introduction

Seema A. Khan, MD

Professor of Surgery

NorthWestern Medical Foundation

Chicago, IL

Standard Therapy
Thomas B. Julian, MD
Allegheny General Hospital

Pittsburgh, PA

8:00 - 8:25 am Watchful Waiting With or Without

**Excision is an Option** 

E. Shelley Hwang, MD, MPH

Chief Breast Surgery Professor of Surgery University of California San Francisco, CA

8:25 - 9:00 am Discussion

# GET SSO 2013 ON-SITE UPDATES AND INFORMATION

Be sure to visit **SS02013.org**, leverage the SS0 2013 **Itinerary Planner** and **Mobile App**, and follow **@SocSurgOnc on Twitter** using the hashtag **#SS02013** for up-to-date on-site information!

## CONTROVERSIES IN ENDOCRINE SURGERY: THE DEBATE RAGES ON





(See page 17 for listing of ACGME Core Competencies)

7:30 - 9:00 am. Saturday. March 9 Potomac Ballroom A/B

Moderators: Herbert M. Chen, MD and Sally Carty, MD

7:30 - 7:50 am Approach to Thyroidectomy for Papillary Thyroid Cancer: Robotic vs Transcervical

Michael T. Stang, MD

Chief, Division of Breast Surgery, Chief, Appel-Venet Comprehensive Breast Service

University of Pittsburgh School of Medicine Pittsburgh, PA

Ashok R. Shaha, MD

Jatin P. Shah Chair in Head and Neck Surgery Memorial Sloan-Kettering Cancer Center New York, NY

7:50 - 8:00 am Discussion

8:00 - 8:20 am Approach to Parathyroidectomy for Primary Hyperparathyroidism: Minimally Invasive vs

Open Bilateral Exploration

Rebecca S. Sippel, MD

Associate Professor of Surgery Chief of Section of Endocrine Surgery University of Wisconsin School of Medicine and Public Health Madison, WI

Julie Ann Sosa, MD, MA

Chief, Section of Endocrine Surgery and Director of Health Services Research,

Department of Surgery

Duke University School of Medicine

Leader, Endocrine Neoplasia Diseases Group

**Duke Cancer Institute** 

**Duke University Medical Center** 

Durham, NC

Discussion 8:20 - 8:30 am

### 8:30 - 8:50 am

Approach to Adrenalectomy for Adrenal Cancer: Laparoscopic vs Open Resection

Quan-Yang Duh, MD

Professor and Chief, Section of Endocrine Surgery Department of Surgery University of California, San Francisco San Francisco, CA

### James R. Howe, MD

Professor of Surgery
Director, Surgical Oncology and
Endocrine Surgery
Roy J. and Lucille A. Carver
University of Iowa College of Medicine
Iowa City. IA

8:50 - 9:00 am Discussion

# Join the SSO today!

SSO is the premier organization for surgeons and health care providers dedicated to advancing and promoting the science and treatment of cancer. SSO offers members the education, research and practice management tools they need to serve their patients and their profession.

### **ANNUAL MEETING SPECIAL**

SSO will waive the initiation fee if you join the Society before Friday, March 15 — a savings of \$150!

Stop by the SSO Membership Booth in the Prince George's A/B Prefunction.

### TUMOR BOARD: SOFT TISSUE SARCOMA





(See page 17 for listing of ACGME Core Competencies)

7:30 - 9:00 am, Saturday, March 9 National Harbor 12/13

Moderator: Aimee Crago, MD

### Samuel Singer, MD

Attending Surgeon Chief. Gastric and Mixed Tumor Service Memorial Sloan-Kettering Cancer Center New York, NY

### Raphael E. Pollock, MD, PhD

Professor of Surgery, MD MD Anderson Cancer Center Houston, TX

### Sylvie Bonvalot, MD, PhD

Head of Visceral Surgery Institut Gustave Roussy Villejuif, France

### Frederick Christian Eilber, MD

Associate Professor of Surgery University College of Los Angeles Los Angeles, CA

### JAMES EWING LECTURE

### THE RISE AND FALL OF LYMPHADENECTOMY FOR BREAST CANCER

9:00 - 9:45 am, Saturday, March 9 Potomac Ballroom A/B

## Armando E. Giuliano, MD, FRCSEd

Professor of Surgery, Executive Vice Chair of Surgery,



Associate Director Samuel Oschin Comprehensive Cancer Institute Cedars-Sinai Medical Center Los Angeles, CA

Supported by an independent grant from the James Ewing Foundation

### REFRESHMENT BREAK

9:45 - 10:15 am, Saturday, March 9
View Posters & Exhibits in the Exhibit Hall
Prince George A/B Exhibit Hall

# JOHN WAYNE CLINICAL RESEARCH LECTURE

# RE-ENGINEERING OF CARE — SURGICAL ONCOLOGY LEADERSHIP

Saturday, March 9, 10:15 - 11:00 am Potomac Ballroom A/B



Glenn D. Steele, Jr., MD, PhD President and CEO Geisinger Health System Danville, PA

## COMPLIMENTARY LUNCH IN THE EXHIBIT HALL

12:30 - 1:30 pm, Saturday, March 9

Prince George A/B Exhibit Hall

View Posters & Exhibits in the Exhibit Hall

### **TOP RATED VIDEOS**

# 11:00 am - 12:30 pm, Saturday, March 9 National Harbor 2/3

Moderators: Kelli Bullard Dunn, MD and Julie Margenthaler, MD

11:00 am V1

Targeted, Surgeon-Directed, Single-Dose Intraoperative Radiation Therapy for Early Stage Breast Cancer

C. Shaw\*, M.V. Miggins, N. Bhandare, J. Lightsey, E.M. Copeland, A. Yeung, Surgery, University of Florida, Gainesville, FL; S.R. Grobmyer, Cleveland Clinic, Cleveland, OH.

11:12 am V2

Employing Unique Surgical Strategies for Advanced Adrenocortical Carcinoma: A Chance to Achieve Disease Control and Survival

N.N. Nissen\*, T.B. Tran, V.G. Menon, Cedars-Sinai Medical Center, Los Angeles, CA.

11:24 am V3

Peritonectomy Procedures for the Treatment of Peritoneal Metastases
L. Bijelic\*, J. Hong, P.H. Sugarbaker, *Surgery*.

L. Bijelic\*, J. Hong, P.H. Sugarbaker, *Surgery, Washington Hospital Center, Washington, DC.* 

11:36 am V4

Thoracoscopic Access Facilitates Safe Exposure of Posterior/Superior Liver Lesions in Patients Ineligible for Laparoscopy

C. Conrad\*, Dana-Farber/Partners CancerCare Surgical Oncology Fellowship Program, Boston, MA; M. Nedelcu, A. Camerlo, N. Simvathirtan, B. Gayet, Institute Mutualiste Montsouris, Paris, France; K.K. Tanabe, Massachusetts General Hospital, Boston, MA.

### **Education Session**

### 11:48 am V

Laparoscopic Placement of Biologic Spacers to Facilitate Dose Intense Radiotherapy for Unresectable Hepatic Malignancy

T.A. Aloia\*, A.B. Haynes, J. Vauthey, C. Crane, S. Krishnan, Surgical Oncology, *UT-MD Anderson Cancer Center, Houston, TX;* C. Ferrone, J.Y. Wo, T.S. Hong, S.S. Yoon, *Massachusetts General Hospital, Boston, MA.* 

### Noon V

Single Incision Intragastric Surgery for T1a Gastric Cancer

C. Conrad\*, *Dana-Farber/Partners CancerCare Surgical Oncology Program, Boston, MA;*M. Nedelcu, A. Camerlo, N. Simvathirtan,
B. Gayet, *Institute Mutualiste Montsouris, Paris, France;* K.K. Tanabe, *Massachusetts General Hospital, Boston, MA.* 

### 12:12 pm

V7

A Technique for Laparoendoscopic Resection of Posterior Fundic Gastric GISTs without Need for a Gastrotomy A.V. Maker\*, Department of Surgery, Division of Surgical Oncology, University of Illinois at Chicago, Chicago, IL; D. Patel, Creticos Cancer Center at AIMMC, Chicago, IL.

## COMPLIMENTARY LUNCH IN THE EXHIBIT HALL

12:30 - 1:30 pm, Saturday, March 9
View Posters & Exhibits in the Exhibit Hall
Prince George A/B Exhibit Hall

## HOW TO HARNESS SOCIAL MEDIA AND THE WEB IN YOUR PRACTICE





(See page 17 for listing of ACGME Core Competencies)

11:00 am - 12:30 pm, Saturday, March 9 Potomac Ballroom A/B

Moderator: Nirai J. Gusani, MD. MS

Use of Social Media Among the 11:00 - 11: 15 am

General Public and Medical **Professionals** 

Nirai J. Gusani, MD. MS

Assistant Professor of Surgery, Medicine, & Public Health Sciences Section of Surgical Oncology

Department of Surgery Penn State College of Medicine

Hershey, PA

11:15 - 11:30 am Social Media in Medicine

> Farris K. Timimi. MD Medical Director

Mayo Clinic Center for Social Media

Rochester, MN

11:30 - 11:45 am Creating Your Own Patient Portal

Jay K. Harness, MD

Chief, Section of General Surgery

St Joseph Hospital Orange, CA

11:45 am - Noon Mobile Applications - Changing

the Face of Medicine and Patient Interaction

Felasfa Wodaio, MD

Editor & Member Founding Team,

iMedicalApps

Virginia Hospital Center, and

iMedicalApps.com Arlington, VA

12:00 noon - 12:15 pm Caveat Emptor: Potential Pitfalls for

Physicians Engaging in Social Media

Kiran K. Turaga, MD, MPH Assistant Professor of Surgery Division of Surgical Oncology Medical College of Wisconsin

Milwaukee, WI

12:15 - 12:30 pm Discussion

### SUSAN G. KOMEN FOR THE CURE® SYMPOSIUM: MRI IN BREAST CANCER - WHERE ARE WE NOW?







(See page 17 for listing of ACGME Core Competencies)

1:30 - 3:30 pm, Saturday, March 9 National Harbor 2/3

Moderator: Tari A. King, MD

1:30 - 1:35 pm Introduction

Tari A. King, MD

Associate Attending Surgeon, Breast Service Jeanne A. Petrek Junior Faculty Chair Memorial Sloan Kettering Cancer Center

New York, NY

1:35 - 2:00 pm MRI Screening – Who, When, How Often?

> Sarah McLaughlin, MD Assistant Professor of Surgery Mavo Clinic

Jacksonville, FL

MRI Use and Short Term Surgical Outcomes: 2:00 - 2:25 pm

Margins, Conversion to Mastectomy

Richard J. Bleicher, MD

Director, Breast Fellowship Program

Associate Professor

Department of Surgical Oncology

Fox Chase Cancer Center

Philadelphia, PA

2:25 - 2:50 pm MRI and Neoadjuvant Therapy

Elizabeth A. Mittendorf, MD, PhD

Assistant Professor

Department of Surgical Oncology MD Anderson Cancer Center

Houston, TX

MRI and Long Term Outcomes: 2:50 - 3:15 pm

Local Recurrence, Contralateral

**Breast Cancer, Survival** 

David R. McCready, MD, MSc, FRCSC

Gattuso Chair in Breast Surgical Oncology Professor of Surgery, University of Toronto

University Health Network Princess Margaret

Cancer Center

Department of Surgical Oncology

Toronto, Ontario, Canada

**Panel Discussion** 3:15 - 3:30 pm

### ADVANCES IN HEPATORII IARY MAI IGNANCY





(See page 17 for listing of ACGME Core Competencies)

1:30 - 3:30 pm, Saturday, March 9 Potomac Ballroom A/B

Moderator: Bryan Clary, MD

The Disappearing Colorectal Cancer 1:30 - 1:55 pm

> Metastasis in Patients Receiving Prehepatectomy Chemotherapy: Is There an Optimal Strategy? Rebekah R. White, MD

Assistant Professor of Surgery **Duke University Medical Center** 

Durham, NC

1:55 - 2:20 pm Transplantation for Intrahepatic and

Perihilar Cholangiocarcinoma:

Are We There Yet? Charles B. Rosen, MD

Chair, Division of Transplantation Surgery

Mayo Clinic Rochester, MN

Minimizing Posthepatectomy Liver Failure: 2:20 - 2:45 pm

Does ALPPS Represent a True Advance?

Jean-Nicolas Vauthey, MD

Professor of Surgery Chief. Liver Service

Bessie McGoldrick Professor in Clinical

Cancer Research

MD Anderson Cancer Center

Houston, TX

2:45 - 3:10 pm **Multifocal Neuroendocrine Hepatic** 

> Metastases: Is There Still a Role for Subtotal Debulking in the Current Era?

Srinevas K. Reddy, MD Assistant Professor of Surgery

University of Maryland Medical Center

Baltimore, MD

**Panel Discussion** 3:10 - 3:30 pm

### REFRESHMENT BREAK

3:30 - 3:45 pm, Saturday, March 9 Potomac A Foyer

## **GREAT DEBATES**

3:45 - 5:15 pm Saturday, March 9 Potomac Ballroom A/B

Moderator: Daniel G. Coit, MD

### Extended Resection for Retroperitoneal STS Improves Survival

Pro: Raphael E. Pollock, MD, PhD

Senator A.M. Aiken, Jr. Distinguished Chair Professor, Department of Surgical Oncology

MD Anderson Cancer Center

Houston, TX

Con: Murray F. Brennan, MD

Vice President for International Programs Director, Bobst International Center Memorial Sloan-Kettering Cancer Center New York, NY

# Completion Axillary Node Dissection is Necessary in all Melanoma Patients with a Positive SLN

Pro: Charles M. Balch, MD

Editor-in-Chief, Annals of Surgical Oncology Professor of Surgery, Division of Surgical Oncology University of Texas Southwestern Medical Center Dallas. TX

Con: Donald L. Morton, MD

Chief, Melanoma Program Director, Fellowship Program John Wayne Cancer Institute Santa Monica. CA

### Surgery Alone Versus Surgery Plus Chemotherapy for Resectable Colorectal Liver Metastases

Pro: Nicholas J. Petrelli, MD

Bank of America Endowed Medical Director
Helen E. Graham Cancer Center

N I DE

Newark, DE

Con: Mitchell C. Posner, MD

Thomas D. Jones Professor and Vice-Chairman Chief Section of General Surgery and Surgical Oncology

University of Chicago

Chicago, IL

# TOWN HALL AND ANNUAL SSO BUSINESS MEETING

5:15 - 6:00 pm Saturday, March 9 Potomac Ballroom A/B

SSO President, Monica Morrow, MD, and President Elect, V. Suzanne Klimberg, MD, will facilitate an open forum for SSO members. The Society's Annual Business Meeting will also take place.

### **Annual SSO Business Meeting Agenda**

- I. Call to Order

  Monica Morrow, MD
- II. President's Report

  Monica Morrow, MD

  Recognition of Program C
  - Recognition of Program Chair
- III. Secretary's Report
  Jeffrey A. Drebin, MD, PhD
  - In Memoriam
  - Introduction of New Members
  - · Consideration of Proposed Bylaw Amendments
- IV. Treasurer's Report
  Daniel G. Coit. MD
  - V. Annals of Surgical Oncology Report Charles M. Balch, MD
- VI. Membership Open Forum Monica Morrow, MD
- VII. Award Recipients Announced Monica Morrow, MD
- VIII. Recognition of Outgoing Councillors

  Monica Morrow, MD
  - IX. Nominating Committee Report Fabrizio Michelassi, MD
  - X. Introduction of New President Monica Morrow, MD
  - XI. New Business
    - V. Suzanne Klimberg, MD2014 Annual Meeting Phoenix, AZ
- XII. Adjourn

# President's Reception and Dinner

7:00 - 9:30 pm, Saturday, March 9
Tickets Required
Potomac Ballroom C123

SSO President Dr. Monica Morrow invites you to join her Saturday evening for cocktails and a buffet dinner. The new format of the Saturday evening event will provide lots of opportunities for connecting with friends and colleagues to discuss all the news from the meeting.

Partially supported by the American Joint Committee on Cancer and the Commission on Cancer.

### **Poster Presentations**

All Scientific Posters will be on display in the Exhibit Hall from 6:00 pm on Thursday until 1:30 pm on Saturday.

Authors are requested to be available during the times below, as their schedules permit, to answer questions about their presentations.

Not for

Thursday, March 7 6:00 - 7:30 pm Friday, March 8 9:45 - 10:15 am 11:45 am - 12:45 pm 3:15 - 3:45 pm

Saturday, March 9 9:45 - 10:15 am 12:30 - 1:30 pm

## SCIENTIFIC POSTERS

All scientific posters will be displayed from 6:00 pm, Thursday, March 7 to 1:30 pm, Saturday, March 9. Authors are requested to be at their Posters during designated breaks to discuss their work.

### **BREAST CANCER**

- P1 Early Results of Therapeutic and Prophylactic
  Nipple-sparing Mastectomy with Immediate
  Reconstruction in BRCA Mutation Carriers
  L. Lei\*, K.J. Kansal, R. Tang, A.S. Colwell, S. Coopey,
  M.C. Specht, M.A. Gadd, W.G. Austen, B.L. Smith, MGH,
  Boston, MA.
- P2 Baicalein Induces Tumor Suppression in Triple
  Negative Breast Cancer while Increasing DDIT4
  Expression in an Orthotopic Breast Cancer
  In Vivo Model
  A.K. Arrington\*, Y. Wang, J. Yan, Q. Xing, J. Yim,
  City of Hope, Duarte, CA.
- P3 Decision Making in Breast Cancer Surgery:
  Where Do Patients Go for Information?
  H. Schmidt, A. Cohen, J. Mandeli, C. Weltz, E.R. Port\*,
  Surgery, Dubin Breast Center/Mount Sinai Medical Center,
  New York, NY.
- P4 Ductal Carcinoma In Situ and Invasive Breast Cancer Phenotype is Highly Concordant in BRCA Mutation Carriers: Implications for Prevention R.L. Yang\*, R.R. Kelz, H.L. Graves, K.L. Nathanson, S.M. Domchek, P.J. Zhang, B.J. Czerniecki, *University of Pennsylvania Health System, Philadelphia, PA*.
- P5 Impact of Prior Radiation Therapy on Post-Operative Complications in Nipple Sparing Mastectomy and Immediate Reconstruction: A Case-Matched, Risk-Adjusted Cohort Study
  R. Tang\*, K.J. Kansal, L. Lei, S. Coopey, A.S. Colwell, M.A. Gadd, M.C. Specht, A. Taghian, W.G. Austen, Jr., B.L. Smith, Massachusetts General Hospital, Boston, MA.
- P6 Quilting Prevents Seroma Following Breast Cancer Surgery
  L.J. Strobbe\*, B. ten Wolde, F. van den Wildenberg,
  M. Keemers, F. Polat, Surgical Oncology, CWZ, Nijmegen,
  Netherlands.

# P7 Skin Involvement and Breast Cancer: Are All T4b Lesions Created Equal?

D.L. Silverman\*, E.R. Sigurdson, M. Boraas, R.J. Bleicher, Surgical Oncology, Fox Chase Cancer Center, Philadelphia, PA; K. Ruth, B. Egleston, Biostatistics, Fox Chase Cancer Center, Philadelphia, PA.

- P8 The Use of Shave Margins Results in Lower Re-Excision Rates During Breast Conservation Therapy C. Tokin\*, B. Mailey, J. Baker, S. Hickey, A. Shaterian, S. Saba, S.L. Blair, A.M. Wallace, *University of California, San Diego, San Diego, CA.*
- P9 Bilateral Mastectomy: Is There a Social or Ethnic Factor Involved in Choice or Health Care Delivery?

  D. Yakoub\*, E. Avisar, F. Miao, F. Moffat, A. Livingstone, D. Franceschi, Department of Surgical Oncology, University of Miami Miller School of Medicine, Sylvester Comprehensive Cancer Center, Miami, FL; T. Koru-Sengul, M. Byrne, Department of Epidemiology and Public Health, University of Miami Miller School of Medicine, Miami, FL.
- P10 Differences in Prognostic Significance of Axillary Lymph Node Status in Patients with High Grade Breast Cancer According to Biological Subtypes of Tumors
  - B. Chikman, R. Lavy\*, A. Halevy, Assaf Harofeh Medical Center, Tel Aviv, Israel; L. Habler, J. Sandbank, Institute of Pathology Assaf Harofeh Medical Center, Tel Aviv, Israel.
- P11 Lack of Lymph Node Evaluation in Early Stage Breast Cancer: Epidemiology and Survival

  A.K. Arrington\*, C. Vito, L. Kruper, J. Yim, S.L. Chen, City of Hope, Duarte, CA.
- P12 Patterns of Lymphedema Risk Reducing Behaviors in Clinical Practice After Axillary Lymph Node Surgery S.A. McLaughlin\*, S. Koonce, T. Gibson, N. Diehl, J. Crook, S. Bagaria, J. Nguyen, *Mayo Clinic, Jacksonville, FL.*
- P13 Referral Patterns of Ontario General Surgeons to Plastic Surgeons for Breast Reconstruction
  J. Platt\*, Division of Plastic and Reconstructive Surgery, University of Toronto, Toronto, Ontario, Canada;
  K. Fernandes, Institute for Clinical and Evaluative Sciences, Toronto, Ontario, Canada; R. Moineddin, Department of Public Health Sciences, University of Toronto, Toronto, Ontario, Canada; T. Zhong, A. Easson, University Health Network, Toronto, Ontario, Canada; N. Baxter, Department of Surgery and Keenan Research Centre, Li Ka Shing Knowledge Institute, St. Michael's Hospital, Toronto, Ontario, Canada; G. Booth, Department of Medicine, University Toronto, Toronto, Ontario, Canada.

### P14 Surgical versus Hormonal Therapy in Breast Cancer Patients Aged >80 Years

A. Perhavec\*, J. Zgajnar, M. Hocevar, N. Besic, *Surgical Oncology, Institute of Oncology Ljubljana, Ljubljana, Slovenia.* 

- P15 The Influence of Sentinel Node Breast Cancer
  Metastasis Size on Systemic Metastases and Survival
  in Patients with cN0 Disease
  - R. Shah\*, D.S. Nathanson, D. Chitale, M. Mahan, *Henry Ford Health System, Detroit, MI.*
- P16 Sub-Areolar Tissue Specimen Assessment in Nipple Sparing Mastectomies: A Preliminary Analysis of the American Society of Breast Surgeons Nipple Sparing Mastectomy Registry

S.D. Mitchell\*, Surgery, White Plains Hospital Medical Center, White Plains, NY; P. Beitsch, Dallas Breast Center, Dallas, TX; S. Willey, Georgetown, Washington, DC; S.M. Feldman, Columbia University College of Physicians & Surgeons, New York, NY; D.E. Manasseh, Maimonides Medical Center, New York, NY; G. Unzeitig, Laredo Breast Care, Laredo, TX.

- P17 Impact of Molecular Subtype on Locoregional Recurrence in Mastectomy Patients with T1-2 Breast Cancer and 1-3 Positive Lymph Nodes
  T. Moo\*, R. McMillan, M. Stempel, A.Y. Ho, S. Patil,
  M. El-Tamer, Memorial Sloan-Kettering Cancer Center,
  New York, NY; M. Lee, Weill Cornell Medical College,
  New York, NY.
- P18 Radioactive Seed Localization Compared to Wire Localization in Breast-Conserving Surgery:
  Initial 6-Month Experience
  J.O. Murphy\*, T. Moo, T.A. King, K.J. Van Zee,
  K.A. Villegas, M. Stempel, A. Eaton, E. Morris, M. Morrow,
  Memorial Sloan-Kettering Cancer Center, New York, NY.
- P19 Immediate Reconstruction in Asian American Women After Mastectomy: Trends and Disparities
  B.A. Wexelman\*, D.Y. Lee, A. Estabrook, A.T. Ma, Surgery, St Luke's Roosevelt Hospital, New York, NY.
- P20 Human Epidermal Growth Factor Receptor 2 (HER-2)
  Pulsed Type I Dendritic Cells (DC) Induce T Cell and
  Clinical Responses in Early Breast Cancer (BC)
  Patients Independent of Tumor HER-2
  Expression Levels

M.E. Fracol\*, S. Xu, R. Mick, E. Fitzpatrick, H. Nisenbaum, C. Fisher, P.J. Zhang, B.J. Czerniecki, *University of Pennsylvania, Philadelphia, PA.* 

# P21 Novel Factor to Improve Prediction of Node Positivity in Patients with Clinical T1/T2 Breast Cancer T.A. Torstenson\*, M. Shahkhan, S. Chartier, J. Case, M. Morton, J.C. Boughey, Mayo Clinic Surgery Department, Rochester, MN; T. Hoskin, Mayo Clinic Biostatistics, Rochester, MN.

### P22 A Comparison in Clinical Outcomes Between Oncoplastic Reduction and Standard Lumpectomy for Breast Cancer

M.K. Miller\*, J.R. Dietz, *Cleveland Clinic, Cleveland, OH;* A. A. Fanning, J.P. Crowe, C. O'Rourke, S.A. Valente, *Cleveland Clinic, Cleveland, OH;* R.J. Yetman, *Cleveland Clinic, Cleveland, OH.* 

### P23 Dramatic Changes in Breast Cancer Grade Over the Past 36 Years

J.D. Bishop\*, A. Chagpar, M. Dixon, N.R. Horowitz, B. Killelea, T. Tsangaris, D.R. Lannin, *Yale University School of Medicine, New Haven, CT.* 

P24 The Effect of Surgical Intervention and Ductal Carcinoma In Situ on the Durability of Pathologic Complete Response in Locally Advanced Breast Cancer Treated with Neoadjuvant Therapy: Does the Type of Surgery Affect Survival?

A.T. Prescott\*, H.M. King, T. Ambros, J.C. Villasboas, M.G. Moller, J. Hurley, University of Miami, Jackson Memorial Hospital, Miami, FL.

### P25 Pure Flat Epithelial Atypia (PFEA): Excise or Observe

J.S. Berry \*, A.F. Trappey, T. Vreeland, A. Sears, K. Clive, S. Ferrise, J.S. Saenger, A.D. Kirkpatrick, G.E. Peoples, *General Surgery, Brooke Army Medical Center, San Antonio, TX;* G. Clifton, *Blanchfield Army Community Hospital, Fort Campbell, KY;* M. Lallemand, *Uniform Services University of the Health Sciences, Bethesda, MD.* 

# P26 Recurrence Score Across the Age Spectrum: Is There an Age Discrimination?

F. Smith\*, M.C. Lee, G. Acs, W. Fulp, J. Lee, N. Khakpour, J.V. Kiluk, C. Laronga, H Lee, *Moffitt Cancer Center, Tampa, FL.* 

P27 Optical Imaging of Axillary Sentinel Lymph Nodes with a Clinical Photoacoustic and Ultrasound System

J.A. Margenthaler\*, T.N. Erpelding, L.V. Wang, Department of Surgery, Washington University School of Medicine, St. Louis, MO.

### P28 High Tumor Grade Predicts Pathologic Complete Response in Breast Cancer Patients After Neoadjuvant Chemotherapy

O.M. Fayanju, Y. Yan, J.A. Margenthaler\*, *Department of Surgery, Washington University School of Medicine, St. Louis, MO;* D.B. Jeffe, Department of Medicine, Washington University School of Medicine, Saint Louis, MO.

### P29 Impact of Margin Assessment Method on Rate of Clear Margins at First Excision and Total Excision Volume

T. Moo\*, C. Olcese, A. Heerdt, L.M. Sclafani, T.A. King, A.S. Reiner, S. Patil, E. Brogi, M. Morrow, K.J. Van Zee, *Memorial Sloan-Kettering Cancer Center, New York, NY;* L. Choi, *Barbara Ann Karmanos Cancer Institute, Detroit, MI.* 

- P30 Patient-Reported Satisfaction After Contralateral Prophylactic Mastectomy and Implant Reconstruction L.A. Pharmer\*, S.B. Koslow, A.M. Scott, M. Stempel, M. Morrow, A.L. Pusic, T.A. King, Memorial Sloan-Kettering Cancer Center, New York, NY.
- P31 A Prospective Trial of a Directed Home Exercise Program (HEP) for Weight Maintenance in Breast Cancer Patients
  E. Orell\*, S. Kramer, S. Patil, D. Wilson, E. Williams, M. Morrow, A. Heerdt, MSKCC, New York, NY.
- P32 Great Potential of Ki-67 as a Predictive Prognostic Biomarker in Resected Localized Breast Cancer with No Prior Treatment who Were Followed Up for 10 Years

H. Nishimiya\*, K. Yamashita, Y. Kosaka, M. Kikuchi, H. Katoh, T. Enomoto, N. Sengoku, M. Kuranami, M. Watanabe, *Department of Surgery, Kitasato University School of Medicine. Sagamihara, Japan.* 

P33 Vascular Endothelial Growth Factor Receptor-1 mRNA Overexpression in Peripheral Blood as a Useful Prognostic Marker in Breast Cancer

Y. Kosaka\*, N. Sengoku, M. Kuranami, M. Watanabe, Kitasato University School of Medicine, Kanagawa, Japan; K. Mimori, M. Mori, Medical Institute of Bioregulation, Kyushu University, Oita, Japan; A. Kataoka, H. Yamaguchi, S. Ohno, Kyushu Cancer Center, Fukuoka, Japan.

# P34 A Negative Axillary Ultrasound Can Exclude Advanced Nodal Disease in Breast Cancer Patients

L. van Roozendaal, R. Schipper\*, M. Smidt, *Maastricht University Medical Center, Department of Surgery, Maastricht, Netherlands;* R. Beets-Tan, M. Lobbes, *Maastricht University Medical Center, Department of Radiology, Maastricht, Netherlands;* B. de Vries, *Maastricht University Medical Center, Department of Pathology, Maastricht, Netherlands.* 

# P35 Short-term Sequela of Intraoperative Radiation After Breast Conserving Surgery R N Goble\* J Drukteinis M Lee N Khakpour

R.N. Goble\*, J. Drukteinis, M. Lee, N. Khakpour, J.V. Kiluk, C. Laronga, *Moffitt Cancer Center, Tampa, FL.* 

### P36 Reoperation After Breast Conservation in the United States

R.J. Bleicher\*, E.R. Sigurdson, M. Boraas, *Surgical Oncology, Fox Chase Cancer Center, Philadelphia, PA;* K. Ruth, B. Egleston, *Biostatistics, Fox Chase Cancer Center, Philadelphia, PA.* 

- P37 Impact of Bilateral versus Unilateral Mastectomy on Short Term Outcome and Adjuvant Therapy
  T. Czechura\*, D.J. Winchester, C. Pesce, E. Barrera, D.P. Winchester, K. Yao, NorthShore University HealthSystem, Evanston, IL.
- P38 Accurate Staging with Internal Mammary Chain Sentinel Node Biopsy for Breast Cancer
  J.L. Gnerlich\*, J. Barreto-Andrade, *University of Chicago Medical Center, Chicago, IL;* T. Czechura, M. Turk, D.J. Winchester. *NorthShore University HealthSystem. Evanston, IL.*
- P39 Increasing Use of Lumpectomy in Men with Breast Cancer: Outcomes Analysis of SEER Data 1983-2009

  J.M. Cloyd\*, I.L. Wapnir, Stanford University, Stanford, CA.
- P40 Upstaging of Atypical Ductal Hyperplasia and Flat Epithelial Atypia to Ductal Carcinoma In Situ and Invasive Breast Cancer

  M. Lazar\*, C. Gresik, S. Khan, K.P. Bethke, J.S. Jeruss, N.M. Hansen, Breast Surgery, Lynn Sage Comprehensive Breast Center at Northwestern Memorial Hospital, Chicago, IL: M. Sullivan, I. Helenowski, Northwestern University,
- P41 Post Mastectomy Radiation for Stage II Breast Cancer Patients with T1/T2 Lesions

Chicago, IL.

S. Libson\*, H.M. King, C. Ma, P. Eduardo, E. Avisar, Department of Surgery, Miller School of Medicine, Miami, FL; C. Takita, Department of Radiation Oncology, Miller School of Medicine, Miami, FL.

### P42 IL-6 as a Biomarker for Lymphedema

E. Weitman\*, J. Zampell, S. Aschen, G. Farias-Eisner, D. Cuzzone, S. Ghanta, N. Albano, B.J. Mehrara, *Surgery, Memorial Sloan-Kettering Cancer Center, New York, NY;* S. Rockson, *Stanford University, Stanford, CA*.

### P43 The Contralateral Unaffected Breast (CUB) as a Model for Studying Breast Cancer Risk

D.A. Monahan\*, N.M. Hansen, K.P. Bethke, S. Khan, E. Revesz, N. Taft, *Division of Breast Surgery, Lynn Sage Comprehensive Breast Center at Northwestern Medical Center, Chicago, IL;* J. Wang, O. Lee, D. Ivancic, *Northwestern University, Chicago, IL;* C. Zalles, *Kendall Medical Center, Miami, FL.* 

# P44 Sentinel Lymph Node Metastasis are More Likely to Develop in Triple Positive Breast Cancer Patients Without Compromising Disease Free Survival I. Rubio\*, M. Espinosa-Bravo, J. Rabasa, A. Sao, I.

Cebrecos, J. Xercavins, Hospital Universitario Vall de Hebron, Barcelona, Spain.

### P45 Post-Operative Surveillance of Ductal Carcinoma In Situ

J.K. Plichta\*, C. Godellas, C.B. Perez, *Surgery Department, Loyola University Medical Center, Maywood, IL;* I. Fields, *Stritch School of Medicine, Maywood, IL.* 

# P46 Utility of Sentinel Lymph Node Dissection (SLND) in Ductal Carcinoma In Situ (DCIS)

A.M. Francis\*, L.M. Grimes, M. Yi, E.A. Mittendorf, I. Bedrosian, A. Caudle, F. Meric-Bernstam, G. Babiera, S. Krishnamurthy, H.M. Kuerer, K. Hunt, *Surgical Oncology, MD Anderson Cancer Center, Houston, TX.* 

### P47 Disparities in Access to Comprehensive Cancer Care: The Impact of Travel Distance on Utilization of Immediate Breast Reconstruction

R.L. Yang\*, C.K. Meise, G.C. Karakousis, B.J. Czerniecki, R.R. Kelz, *University of Pennsylvania Health System, Philadelphia, PA.* 

### P48 A Failure Analysis of Invasive Breast Cancer: Most Deaths from Disease Occur in Women Not Regularly Screened

M.L. Webb\*, B. Cady, J.S. Michaelson, D.M. Bush, B.L. Smith, *Massachusetts General Hospital, Gillette Center for Women's Cancers, Breast Program, Boston, MA;* K. Zabicki Calvillo, *Brigham and Women's Hospital, Dana Farber Cancer Institute, Breast Oncology, Boston, MA;* D.B. Kopans, *Harvard Medical School, Boston, MA*.

### P49 Close and Positive Tumor Margins Management After Partial Mastectomy for Early Stage Breast Cancer

Y.R. Alimi, E. Bowman, S.D. Perez, W.C. Wood, M. Rizzo\*, *Emory University, Department of Surgery, Atlanta, GA;* M. Mosunjac, Emory University, Department of Pathology and Laboratory Medicine, Atlanta, GA.

# P50 Risk Factors for Delayed Completion of Breast Conservation Therapy

C.E. Loveland-Jones\*, A.P. Close, V.W. Osborn, J.A. Montes, D.M. Nick, R.E. Taviera, B. Micaily, A. Davey, A. Willis, *Temple University, Philadelphia, PA*.

# P51 Evaluating the Necessity of Preoperative Lymphoscintigraphy for Sentinel Lymph Node Biopsy in Breast Cancer

M.G. Mount\*, N.R. White, C.L. Nguyen, R.K. Orr, R.B. Hird, Surgery, Spartanburg Regional Healthcare System, Spartanburg, SC.

### P52 Cyclooxygenase-2 Signaling in Breast Cancer-initiating Cells

C. Hall\*, B. Laubacher, A. Walker, S. Massingill, A. Lucci, *Surgical Oncology, Unit 0107, UT MD Anderson Cancer Center, Houston, TX.* 

### P53 Nipple Sparing Mastectomies, A Report of 200 Mastectomies in 111 Patients

E. Busch-Devereaux\*, A. Mishkit, R. Israeli, J.N. Romanelli, D. Yoon-Schwartz, *Surgery, North Shore-LIJ Huntington Hospital, Greenlawn, NY.* 

# P54 A Comparison of Accelerated Partial Breast Irradiation with Whole Breast Irradiation in Patients with Pure Ductal Carcinoma In Situ

J. Alberty-Oller\*, D. Manjoros, A.E. Collett, T.G. Frazier, A. Barrio, *The Bryn Mawr Hospital, Bryn Mawr, PA;* E.J. Gracely, *Drexel University College of Medicine & Drexel University, Philadelphia, PA.* 

### P55 The Prognostic Value of Additional Malignant Lesions Detected by Magnetic Resonance Imaging versus Mammography

S. Saha\*, D. Strahle, L. Lawrence, A. Korant, B.T. Abadeer, D. Wiese, *Surgery, McLaren Regional Medical Center, Flint, MI;* M. Freyvogel, G. Johnston, McLaren Macomb, Mt. Clemens, MI; M. Kanaan, *Michigan State University, Lansing, MI;* R. Hicks, *Regional Medical Imaging, Flint, MI.* 

# P56 Risk of Lymphedema After Mastectomy – Potential Benefit of Applying Z11 Protocol to Mastectomy Patients

C.L. Miller\*, M.N. Skolny, L.S. Jammallo, J. O'Toole, N. Horick, M. Shenouda, B. Sadek, B.L. Smith, A. Taghian, M.C. Specht, *Radiation Oncology, Massachusetts General Hospital, Boston, MA.* 

#### P57 Withdrawn

### P58 One Day Core Needle Biopsy in a Breast Clinic: 4-Years Experience

J.P. Bulte\*, L. Polman, M. Schlooz-Vries, A. Werner, R. Besselink, K. Sessink, J.H. de Wilt, *Radboud University Nijmegen Medical Center Department of Surgery, Nijmegen, Gelderland, Netherlands*, R. Mus, M. Imhof-Tas, S. Lardenoije, *Radboud University Nijmegen Medical Center Department of Radiology, Nijmegen, Netherlands*; H. Bulten, I. van Engen-van Grunsven, E. Schaafsma, *Radboud University Nijmegen Medical Center Department of Pathology, Nijmegen, Netherlands*; L.J. Strobbe, Canisius Wilhelmina Hospital, Nijmegen, *Gelderland, Netherlands*.

- P59 Breast Pathology Review: Does it Make a Difference?
  A. Romanoff, A. Cohen, H. Schmidt, C. Weltz, S. Jaffer,
  C. Nagi, I. Bleiweiss, E.R. Port\*, Surgery, Dubin Breast
  Center/ Mount Sinai Medical Center, New York, NY.
- P60 Trends in Neoadjuvant Chemotherapy for Surgical Breast Cancer Patients in the United States
  H.F. Schoellhammer\*, L. Streja, L. Kruper, C. Vito, J. Yim, S.L. Chen, Surgery, City of Hope National Medical Center, Duarte, CA.
- P61 Treatment of the Metachronous Contralateral Breast Cancer: SEER Study of Factors Affecting Surgical Choice J. Young\*, N. Watroba, A. Groman, S. Kumar, S.B. Edge, Roswell Park Cancer Institute, Buffalo, NY.
- P62 What Percent of DCIS of the Breast is Calcified?

  B.K. Killelea\*, A. Chagpar, M. Dixon, T. Tsangaris,

  N.R. Horowitz, J.D. Bishop, D.R. Lannin, Surgery, Yale
  University School of Medicine, New Haven, CT.

### P63 Why Women are Now Choosing Mastectomy: The Surgeon's Perspective

A.M. Covelli\*, Institute of Health Policy, Management and Evaluation at the University of Toronto, Toronto, Ontario, Canada; N. Baxter, Li Ka Shing Knowledge Institute at St. Michael's Hospital, Toronto, Ontario, Canada; M. Fitch, F. Wright, Odette Cancer Centre at Sunnybrook Health Sciences Centre, Toronto, Ontario, Canada.

# Preoperative Axillary Ultrasound (AUS) for Identification of Sentinel Lymph Nodes in Breast Cancer P.B. Wehner\*, K. Kopkash, A. Woodworth, V. Kent, J. Lang,

P.B. Wehner\*, K. Kopkash, A. Woodworth, V. Kent, J. L. H. Silberman, H. Macdonald, P. Sheth, S.S. Sener, University of Southern California, Pasadena, CA.

### P65 Circulating Tumor Cells Predict Survival After Neoadjuvant Chemotherapy in Non-Metastatic Breast Cancer

A. Lucci\*, C. Hall, M. Karhade, P. Mishra, A. Anderson, I. Bedrosian, H.M. Kuerer, *Surgical Oncology, UT MD Anderson Cancer Center, Houston, TX.* 

### P66 Factors Associated with Recurrence in Breast Cancer Patients Vaccinated with the HER2-Derived GP2 Vaccine

A.F. Trappey\*, J. Berry, T. Vreeland, D. Hale, A. Sears, R.S. Dabney, G.T. Clifton, G.E. Peoples, *Brooke Army Medical Center, San Antonio, TX;* S. Ponniah, C. Hintz, J.D. Covelli, Uniformed Services University of the Health Sciences, Bethesda, MD; S.A. Perez, M. Papamichail, *Saint Savas Cancer Hospital, Cancer Immunology and Immunotherapy Center, Athens, Greece;* E.A. Mittendorf, *University of Texas MD Anderson Cancer Center, Houston, TX.* 

# P67 Use of an Attenuated Version of a Strongly Immunogenic, Peptide-based Vaccine to Enhance an Anti-Cancer Immune Response Against Folate Receptor- $\alpha$ (FR $\alpha$ )

T.J. Vreeland\*, J.S. Berry, A.F. Trappey, D. Hale, G.T. Clifton, A. Sears, N.M. Shumway, G.E. Peoples, *Brooke Army Medical Center, San Antonio*, TX; E.A. Mittendorf, University of Texas MD Anderson Cancer Center, Houston, TX; S. Ponniah, C.G. Ioannides, *Uniformed Services University of the Health Sciences, Bethesda, MD;* J.P. Holmes, *Department of Hematology and Medical Oncology, Naval Medical Center San Diego, San Diego, CA.* 

### P68 Imaging Characteristics of Pleomorphic Lobular Carcinoma

A. Sharma\*, P. Ananthakrishnan, S.M. Feldman, B. Taback, A. Vaz, *Breast Surgery, Columbia University, New York, NY.* 

# P69 The Impact of High Expression of an ATP-binding Cassette Transporter, ABCC11, in Breast Cancer Subtypes and Survival

A. Yamada\*, M. Kimura, T. Chishima, Y. Ichikawa, I. Endo, Yokohama City University, Department of Clinical Oncology and Breast Surgery, Yokohama, Kanagawa, Japan; I. Takashi, I. Ota, D. Shimizu, Yokohama City University Medical Center, Department of Breast and Thyroid Surgery, Yokohama, Kanagawa, Japan; M. Tanabe, T. Sasaki, Yokohama City University Medical Center, Department of Pathology, Yokohama, Kanagawa, Japan; T. Aoyagi, M. Nagahashi, K. Takabe, Surgery, Virginia Commonwealth University, Richmond, VA.

### P70 Defining the Polo-like Kinase 4 (Plk4) Interactome in Cancer

C. Rosario, R. Xu, A. Gingras, J. Dennis, *Samuel Lunenfeld Research Institute, Mount Sinai Hospital, Toronto, Ontario, Canada;* K. Kazazian\*, F.S. Zih, C. Swallow, *Department of General Surgery, University of Toronto, Toronto, Ontario, Canada.* 

### P71 Increasing Yield of MRI Guided Breast Biopsy for Breast Cancer Determination

S.R. Grobmyer\*, *Cleveland Clinic, Cleveland, OH;* C. Shaw, J. Lightsey, E. Vorhis, E.M. Copeland, J. Marshall, *University of Florida, Gainesville, FL.* 

P72 Perioperative Breast MRI Is Not Associated With Lower Local Recurrence Rates in Ductal Carcinoma In Situ Patients Treated With or Without Radiation M. Pilewskie\*, C. Olcese, A. Eaton, S. Patil, E. Morris, M. Morrow, K.J. Van Zee, Memorial Sloan-Kettering Cancer Center, New York, NY.

# P73 Use of Metformin Correlates with Histological Type of Invasive Breast Carcinoma

N. Besic\*, R. Petric, B. Gazic, A. Perhavec, Surgical Oncology, Institute of Oncology, Ljubljana, Slovenia; N. Satej, Community Health Centre Ljubljana, Ljubljana, Slovenia.

# P74 Disconcordance Between Number of Scintigraphic and Peroperatively Identified Sentinel Lymph Nodes and Axillary Tumour Recurrence

J. Volders\*, R. van la Parra, C. Bavelaar, W. de Roos, *Surgery, Gelderse Vallei Hospital, Ede, Netherlands;* P. Barneveld, K. Bosscha, M. Ernst, *Jeroen Bosch Hospital, Den Bosch, Netherlands.* 

### **Development of Rapid Diagnosis of Breast Cancer** P75 by using Intraoperative Novel Fluorescent Probe (qlu-HMRG) to Visualize Cancer Cells H. Ueo\*, Y. Takahashi, G. Sawada, M. Ishibashi, T. Matsumura, R. Uchi, K. Mima, J. Kurashige, Y. Takano, Y. Kai, K. Mimori, Kyushu University Beppu Hospital, Beppu, Japan; Y. Urano, Graduate School of Pharmaceutical Sciences, The University of Tokyo, Tokyo, Japan; T. Tobo, Department of Pathology, Kyushu University Beppu Hospital, Beppu, Japan; A. Gamachi, Department of Pathology, Almeida Memorial Hospital, Oita, Japan: Y. Maehara, Department of Surgery and Science. Graduate School of Medical Sciences, Kyushu University. Fukuoka, Japan: K. Shibuta, H. Ueo, Ueo Breast Clinic, Oita, Japan.

- P76 The Impact of Oncoplastic Breast Surgery on Radiation Boost in Breast Conserving Therapy
  L.J. Strobbe\*, T. van der Horst, M. Keemers, F. van den Wildenberg, F. Polat, Surgical Oncology, CWZ, Nijmegen, Netherlands; D.A. Schinagl, Radboud UMC, Nijmegen, Netherlands.
- P77 Incidence of Inflammatory Breast Cancer in Women, 1992-2009, United States
  B.S. Goldner\*, C. Behrendt, S.L. Chen, City of Hope Medical Center, Duarte, CA; B. Lee, Harbor-UCLA Medical Center, Torrance, CA.
- P78 Uptake and Experiences of Breast Cancer Patients
  Referred for Fertility Preservation

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  Cincinnati, OH; C. Silva, University of South Florida, Tampa,
  FL; G.P. Quinn, M.C. Lee, H. Lee, Moffitt Cancer Center &
  Research Institute, Tampa, FL.
- P79 HER3 Expression in Ductal Carcinoma In Situ Strongly Correlates with Tumor Grade and is Independent of Tumor Phenotype

K. Lee\*, H.L. Graves, Harrison Department of Surgical Research, Hospital of the University of Pennsylvania, Philadelphia, PA; R. Mick, Department of Biostatistics and Epidemiology, Perelman School of Medicine, Philadelphia, PA; P.J. Zhang, Department of Pathology and Laboratory Medicine, Hospital of the University of Pennsylvania, Philadelphia, PA; B.J. Czerniecki, Rena Rowan Breast Cancer Center, Hospital of the University of Pennsylvania, Philadelphia, PA.

# P80 Trend Toward Increasing Utilization of Radiation in Malignant Phyllodes Tumors: An Analysis of Over 3200 Patients from 1998 to 2009

R.T. Williams\*, J.L. Gnerlich, N. Jaskowiak, S. Kulkarni, Surgery, University of Chicago, Chicago, IL; K. Yao, NorthShore University HealthSystem, Evanston, IL.

# P81 Characteristics of Patients with Small Breast Tumors and Axillary Lymph Node Metastases S.K. Parkins\* M. Rosman, C. Mylander, I. T. Green

S.K. Perkins\*, M. Rosman, C. Mylander, L.T. Greer, A. Fitzgerald, L. Tafra, Breast Oncology, Anne Arundel Medical Center, Annapolis, MD.

# P82 Breast Magnetic Resonance Imaging (MRI) is a Sensitive but Non Specific Means to Assess Primary Tumor Response to Neoadjuvant Chemotherapy L.S. Sparber\*, P. Sridharan, V. Murthy, S. Sarah, E.J. Santoro, J.H. McDermott, R.S. Chamberlain, M. Blackwood, Department of Surgery, St. Barnabas Medical Center, Livingston, NJ.

P83 Demographic Influences in Breast Reconstruction
After Oncologic Surgery in the State of Florida
H.M. King\*, D. Franceschi, E. Avisar, Department of
Surgery, University of Miami Miller School of Medicine,
Miami, FL; T. Koru-Sengul, M. Byrne, University of Miami
Miller School of Medicine, Department of Epidemiology and
Public Health, Miami, FL; F. Miao, Sylvester Comprehensive
Cancer Center, Miami, FL.

### P84 Monitoring Soluble HER2 Extracellular Domain in the Serum of Breast Cancer Patients using a Refined ELISA Assay

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### P85 Comparing Margin Diameter and Margin Index in Predicting Residual Disease Following Partial Mastectomy

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- P86 A Proposed Scale for Severity of Mastectomy Skin Necrosis Correlates with Need for Intervention
  A.C. Degnim\*, D.R. Farley, C.S. Grant, J.C. Boughey,
  S. Jacobson, T.A. Torstenson, R.D. Reusche, V. Lemaine,
  Mayo Clinic Department of Surgery, Rochester, MN;
  T. Hoskin, Mayo Clinic Biomedical Statistics and
  Informatics. Rochester, MN.
- P87 Contralateral Prophylactic Mastectomy After
  Unilateral Breast Cancer: A Systematic Review &
  Meta-Analysis
  O.M. Fayanju, C. Stoll, G.A. Colditz, J.A. Margenthaler\*,
  Department of Surgery, Washington University School of
  Medicine. St. Louis. MO.
- P88 The Role of Radical Mastectomy in the Current Era J.D. Lewis\*, *University of Cincinnati College of Medicine, Cincinnati, OH;* N. Khakpour, C. Laronga, J.V. Kiluk, W. Sun, M.C. Lee, H. Lee, *Moffitt Cancer Center & Research Institute, Tampa, FL.*
- P89 Expression of Bcl2 and p53 as a Prognostic Factor in High Grade Infiltrating Duct Carcinoma of the Breast B. Chikman, A. Kapiev, R. Lavy\*, A. Halevy, Assaf Harofeh Medical Center, Tel Aviv, Israel; L. Habler, J. Sandbank, Institute of Pathology Assaf Harofeh Medical Center, Tel Aviv, Israel.
- P90 Withdrawn
- P91 The Role of Magnetic Resonance Imaging in Assessing Residual Disease and Pathologic Complete Response in Breast Cancer Patients Receiving Neoadjuvant Chemotherapy: A Systematic Review

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### P92 The Effects of Adding Preoperative Magnetic Resonance Imaging to Patients with Invasive Cancer Eligible for Breast Conserving Surgery: A Comparative Study

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### P93 Evaluating One Versus Two Day Preoperative Lym phoscintigraphy Protocol for Sentinel Lymph Node Biopsy in Breast Cancer

M.G. Mount\*, N.R. White, C.L. Nguyen, R.K. Orr, R.B. Hird, *Surgery, Spartanburg Regional Healthcare System, Spartanburg, SC.* 

### P94 The Evaluation of Patients with Nipple Discharge: How Much is Too Much?

D. Manjoros\*, J.J. Alberty-Oller, T.G. Frazier, A. Barrio, Bryn Mawr Hospital, Bryn Mawr, PA.

# P95 Early Response Detected by Shutter-speed Dynamic Contrast-enhanced Magnetic Resonance Imaging Predicts Complete Pathologic Response of Breast Cancer to Neoadjuvant Chemotherapy C.J. Hessman\*, L. Tudorica, K. Oh, N. Roy, M. Troxell.

C.J. Hessman\*, L. Tudorica, K. Oh, N. Roy, M. Troxell, S. Chui, W. Huang, A. Naik, *Oregon Health & Science University, Portland, OR.* 

# P96 Definitive Surgical Treatment for Women with DCIS in a Rural Setting

D. McDonald\*, E.M. Jackson, R. Weir, J. Kalbfleisch, W.I. Browder, *Surgery, ETSU, Johnson City, TN;* M.A. Hooks, *Vanderbilt University, Nashville, TN.* 

### P97 Breast Specific Gamma Imaging Impacts Treatment Planning for Newly Diagnosed Breast Cancer

N. Johnson\*, W.E. Johnson, K. Winter, L. Bennetts, S. Gruner, M. Glissmeyer, J. Garreau, B. Sally, *Legacy Health, Portland, OR.* 

### P98 Presentation and Treatment Decisions Among Minority Breast Cancer Patients

K. Soika, K. Kamrani, Y. Perez, E. Nally, S. McCalla, S. Priovolos, N. Bhagwati, J. Yelon, D.B. Pearlstone\*, Surgery, Lincoln Medical Center, Bronx, NY; D. Paul, North Shore-LIJ Medical Center, Lake Success, NY.

### P99 Non-Invasive Nodal Staging in Breast Cancer Patients Using Gadofosveset-enhanced Magnetic Resonance Imaging

R. Schipper\*, L. van Roozendaal, C. Castro, E. Heuts, K. Keymeulen, M. Smidt, *Maastricht University Medical Center, Department of Surgery, Maastricht, Netherlands;* M. Lobbes, R. Beets-Tan, *Maastricht University Medical Center, Department of Radiology, Maastricht, Netherlands;* B. de Vries, *Maastricht University Medical Center, Department of Pathology, Maastricht. Netherlands.* 

- P100 Assessment of an Algorithm to Guide MRI Screening in Patients with a Personal Breast Cancer History
  B. Dull, H.B. Neuman\*, Surgery, Division of Surgical Oncology, University of Wisconsin School of Medicine and Public Health, Madison, WI; A. Tevaarwerk,
  A. Stella, University of Wisconsin Carbone Cancer Center, Madison, WI; R. Strigel, University of Wisconsin School of Medicine and Public Health, Department of Radiology, Madison, WI; B. Anderson, University of Wisconsin, Department of Radiation Oncology, Madison, WI.
- P101 Patient Factors Predictive of Unilateral Mastectomy versus Bilateral Mastectomy Including a Contralateral Prophylactic Mastectomy

  L. Steward, T. Martin-Dunlap, F. Gao, J.A. Margenthaler\*, Department of Surgery, Washington University School of
  - Department of Surgery, Washington University School of Medicine, St. Louis, MO; C. Fisher, University of Pennsylvania, Philadelphia, PA.
- P102 Breast Cancer in the Elderly: Diagnosis and Treatment
  E. Gates\*, A. Larkin, A. O'Connor, R. Quinlan, G.
  Vijayaraghavan, A. Sharron, G. Whalen, B. Ward, *University of Massachusetts Memorial Medical Center, Worcester, MA*.
- P103 Atypical Lobular Hyperplasia and Lobular Carcinoma In Situ Diagnosed on Imaged-guided Core Biopsy and the Rate of Upgrade to Ductal Carcinoma In Situ or Invasive Cancer on Subsequent Excisional Biopsy M.L. Merritt\*, C.A. Livasy, B. Calhoun, K. Walsh, T. Sarantou, T.S. Flippo-Morton, K. Chambers, R.L. White, Levine Cancer Institute, Carolinas Medical Center, Charlotte, NC; W. Anderson, Carolinas Medical Center, Charlotte, NC.
- P104 Comparison of Breast Tumors with Increased HER2
  Copy Number With and Without Polysomy 17
  L.A. Field\*, B. Deyarmin, Windber Research Institute,
  Windber, PA; R.E. Ellsworth, Henry M. Jackson Foundation
  for the Advancement of Military Medicine, Windber,
  PA; C.D. Shriver, Walter Reed National Military Medical
  Center, Bethesda, MD.

P105 Factors Associated with Non-Receipt of Accelerated Partial Breast Irradiation (APBI) in Early-Stage Breast Cancer

> N.A. Dallas\*, I. Bedrosian, L.R. Allen, E.A. Mittendorf, H.M. Kuerer, K. Hunt, R. Alvarado, G. Babiera, *Department* of Surgical Oncology, UT MD Anderson Cancer Center, Houston, TX; E.S. Bloom, S.F. Shaitelman, W. Woodward, W. Tereffe, *Department of Radiation Oncology, UT MD* Anderson Cancer Center, Houston, TX.

### **COLORECTAL CANCER**

- P106 Colorectal Liver Metastases Demonstrate
  Sub-Populations with Differing Cancer Stem Cell
  Phenotypes in Xenograft and In Vitro Models
  D.E. Sanford\*, A. Giorgi, B.D. Goetz, R.Z. Panni, W.G.
  Hawkins, D.C. Linehan, P. Goedegebuure, R.C. Fields,
  Washington University in St. Louis, St. Louis, MO.
- P107 Superb Effects on Systemic siRNA Delivery by pH-Sensitive Super Apatite Ultra-nanoparticles
  X. Wu\*, H. Yamamoto, M. Uemura, N. Haraguchi, T. Hata,
  J. Nishimura, I. Takemasa, T. Mizushima, Y. Doki, M. Mori,
  Department of Surgery, Gastroenterological Surgery,
  Graduate School of Medicine, Osaka University, Suita,
  Osaka, Japan.
- FTY720, Synergizes with 5-FU and Irinotecan in Colon Cancer Cell Killing
  T. Aoyagi\*, A. Yamada, M. Nagahashi, K. Takabe, Surgery, Virginia Commonwealth University, Richmond, VA; S. Milstein, S. Spiegel, Virginia Commonwealth University,

The Sphingosine-1-Phosphate Receptor Modulator.

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Richmond, VA.

- P109 Loss of Heterozygosity (LOH) in Appendiceal Carcinomatosis (AC): Utility in Discriminating Among Intermediate-risk Patients
  P. Wagner\*, N. Kulkarni, C. Huynh, D. Caba Molina,
  A.H. Zureikat, M.P. Holtzman, S.A. Ahrendt, J.F. Pingpank,
  H.J. Zeh, D.L. Bartlett, H.A. Choudry, Surgical Oncology,
  University of Pittsburgh Medical Center, Pittsburgh, PA.
- P110 Induction of Potent Tumor-specific Cell Death in Human Colorectal Cancer via the Apoptotic Pathway A.V. Maker\*, J. Qin, Department of Surgery, Division of Surgical Oncology, University of Illinois at Chicago, Chicago, IL; R. Carr, B. Prabhakar, University of Illinois at Chicago Department of Microbiology and Immunology, Chicago, IL.

### P111 Surgical Practice Patterns and Long-term Survival for Early Stage Rectal Cancer

K. Stitzenberg\*, D. Penn, M.O. Meyers, *Surgery, UNC, Chapel Hill, NC; H. Sanoff, UNC, Chapel Hill, NC.* 

# P112 Usefulness of the Addition of Lymph Node Ratio to the 2010 Staging System for Rectal Cancer Treated with Preoperative Chemo-radiotherapy

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### P113 Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy for Peritoneal Carcinomatosis in the Elderly

P. Tabrizian\*, G. Jibara, B. Shrager, B. Franssen, M. Yang, U. Sarpel, S. Hiotis, D. Labow, *Surgical Oncology, Mount Sinai Medical Center, New York, NY.* 

### P114 Identification of Genes that Predict Lymph Node Metastasis in Colorectal Cancer Cases

Y. Takano\*, R. Uchi, H. Ueo, T. Matsumura, K. Sugimachi, K. Mimori, *Kyushu University Beppu Hospital, Beppu-City, Oita, Japan.* 

# P115 Tissue Factor Pathway Inhibitor Gene Polymorphism -33T-->C Predicts Improved Disease-free Survival in Colorectal Cancer A.K. Bazzarelli\*, A.S. Scheer, R. Seth, D.J. Jonker, J.A. Maroun, M. Carrier, R.C. Auer, *University of Ottawa, Ottawa, Ontario, Canada;* L. Tai, C. Tanese de Souza, Ottawa Hospital Research Institute, Ottawa, Ontario, Canada.

### P116 KRAS Status is a Prognostic Variable in Cytoreductive Surgery/Hyperthermic Intraperitoneal Chemotherapy for Colorectal Cancer Carcinomatosis

D. Magge\*, B.A. Boone, R. Pai, L. Ramalingam, J.F. Pingpank, M.P. Holtzman, H.A. Choudry, H.J. Zeh, D.L. Bartlett, A.H. Zureikat, University of Pittsburgh Medical Center, Pittsburgh, PA; W.E. Gooding, *UPCI Biostatistics Facility, Pittsburgh, PA*.

# P117 Research for Reprogramming of Cancer Cells by Micro RNAs

S. Miyazaki\*, H. Yamamoto, N. Haraguchi, J. Nishimura, T. Hata, I. Takemasa, T. Mizushima, H. Ishii, Y. Doki, M. Mori, *Department of Gastroenterological Surgery, Osaka University Graduate School of Medicine, Suita, Osaka, Japan.* 

# P118 Disparities in the Use of Pre-Operative Radiation and Sphincter Preservation Among California Rectal Cancer Patients

A.W. Chae\*, A.D. Yang, R.J. Canter, R.J. Bold, V.P. Khatri, S.R. Martinez, *General Surgery, UC Davis Health System, Sacramento, CA.* 

- P119 Expression of GAB2 in Human Colorectal Cancer
  T. Matsumura\*, R. Uchi, H. Ueo, M. Ishibashi, G. Sawada,
  Y. Takahashi, K. Mima, J. Kurashige, S. Akiyoshi, T. Sudo,
  K. Sugimachi, K. Shibata, K. Mimori, *Kyushu University*Beppu Hospital, Beppu, Japan; M. Mori, Osaka
  University Graduate School of Medicine Department of
  Gastroenterological Surgery, Suita, Japan.
- P120 Short- and Long-term Results of Intersphincteric Resection for Very Low Rectal Carcinoma
  M. Takawa\*, T. Akasu, National Cancer Research Center Hospital, Tokyo, Japan.
- P121 The Influence of Age on Outcomes of Laparoscopic Colorectal Surgery for Cancer: Comparative Analysis of 10-Year Experience
  I. Sucandy\*, A. Yushuva, S. Fassler, S. Kim, M. Zebley, Surgery, Abington Memorial Hospital, Abington, PA.
- P122 Adjuvant Chemotherapy Improves Survival of Elderly Patients with Stage III Colorectal Cancer
  M.J. Smith\*, M. Turvosky, V. Haid, A.J. Smith, Y. Ko, Odette Cancer Centre, Sunnybrook Health Sciences, University of Toronto Centre, Toronto, Ontario, Canada; A. Mathieson, Memorial University of Newfoundland, St. John's, Newfoundland, Canada; P.F. Ridgway, Tallaght Hospital, Trinity College, Dublin, Ireland.
- P123 Clinicopathologic Characteristics and Prognostic Predictors of Survival in Patients with Diffuse Malignant Peritoneal Mesothelioma (DMPM) Treated with Cytoreductive Surgery (CS) and Perioperative Intraperitoneal Chemotherapy: A Single Institution's Experience C.U. Ihemelandu\*, L. Bijelic, P.H. Sugarbaker, General Surgery, Division of Surgical Oncology, Washington Hospital Center, Washington, DC.
- P124 Postoperative Complications Affect Long-term
  Outcome After Cytoreductive Surgery and
  Hyperthermic Intraperitoneal Chemotherapy for
  Colorectal Cancer Peritoneal Carcinomatosis
  D. Baratti\*, S. Kusamura, M. Deraco, Fondazione IRCCS
  Istituto Nazionale Tumori, Milan, Italy; D. Iusco, S. Bonomi,
  A. Grassi, S. Virzì, Bentivoglio Hospital, Bentivoglio , BO,
  Italy; E. Gil Gomez, Hospital Universitario Virgen de la
  Arrixaca, Murcia, Spain.

- P125 Increasing Incidence Rates for Anal Squamous Cell Cancer in the United States - 1980-2009 L. Eberly, C. Wiggins, I. Nir, K.T. Morris, J. Russell, A. Rajput\*, University of New Mexico Health Sciences Center, Albuquerque, NM.
- The Requirement For Freshly Isolated Human Tumor P126 Cells for the Study of Colorectal Cancer Stem Cells S. Bellister\*, F. Fan, F. Tozzi, J. Lu. L. Xia, R. Bhattacharva. Y. Zhou, X. Ye, L. Ellis, *University of Texas MD Anderson* Cancer Center, Houston, TX.
- P127 Withdrawn

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- P128 KRAS Mutation is Associated with Favorable Prognosis **Among Patients with Appendiceal Carcinomatosis** P. Wagner\*, D. Caba Molina, C. Huvnh, N. Kulkarni, M.P. Holtzman, A.H. Zureikat, S.A. Ahrendt, J.F. Pingpank, H.J. Zeh, D.L. Bartlett, H.A. Choudry, Surgical Oncology, University of Pittsburgh Medical Center, Pittsburgh, PA.
- Systematic Review of Outcomes of Patients Undergoing P129 Resection for Colorectal Liver Metastases in the Presence of Extra-hepatic Disease M. Hwang, D. Green, R.T. Groeschl, S.G. Pappas, J.P. Thomas, B. Erickson, T. Gamblin, K.K. Turaga\*, Surgery, Medical College of Wisconsin, Milwaukee, WI.
- P130 Pretreatment Albumin/globulin Ratio as Predictors of 4-year Cancer-related Mortality in Colorectal **Cancer Patients** B. Azab\*, S. Vonfrolio, W. Lu, S. Bloom, Surgery, Staten Island University Hospital, Staten Island, NY.
- P131 Identification of Novel Tumor Suppressor Gene HOPX (Homeobox only Protein), +4 Quiescent Stem Cell Marker, Elucidated Critical Targets of EphA2 and Cyr61 in Human Cancers K. Yamashita\*, H. Katoh, A. Ooki, M. Waraya, H. Kawamata, M. Watanabe, Surgery, Kitasato University School of Medicine, Sagamihara, Kanagawa, Japan,
- Tissue-penetrative Targeting of Peritoneal Metastases P132 K.N. Sugahara\*, T. Teesalu, V. Kotamraju, E. Ruoslahti. Cancer Research Center, Sanford-Burnham Medical Research Institute, La Jolla, CA; A.M. Lowy, University of California, San Diego, San Diego, CA.
- Adiponectin Promotes a More Aggressive Colon Cancer Phenotype Associated with Activation of ERK1/2 and AMPK Pathways W. Clark\*, A. Elahi, L. Humphries, D. Coppola, J. Hernandez, D. Shibata, Moffitt Cancer Center, Tampa, FL.

- P134 Adequacy of Lymphadenectomy During Laparoscopic Colorectal Operation for Cancer: A Decade Experience from a Major Suburban Tertiary Center
  I. Sucandy\*, A. Yushuva, S. Fassler, S. Kim, M. Zebley, Surgery. Abington Memorial Hospital. Abington. PA.
- P135 Impact of Tumor Histology on the Efficacy of Surgical Therapy for Peritoneal Carcinomatosis of Colorectal Origin

J.H. Winer\*, H.A. Choudry, J.F. Pingpank, A.H. Zureikat, M.P. Holtzman, L. Ramalingam, H.J. Zeh, D.L. Bartlett, S.A. Ahrendt, *Surgical Oncology, University of Pittsburgh Medical Center, Pittsburgh, PA.* 

P136 Increasing Experience with Cytoreduction and HIPEC Enables New Centres to Start Off on a Higher Level

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- P137 Withdrawn
- P138 Risk Factors for Positive Radial Margins in North American Rectal Cancer Patients I. Esemuede\*, N. Wilkinson, V. Francescutti, Surgery, Roswell Park Cancer Institute, Buffalo, NY.
- P139 Disparities Between Young and Elderly Patients in the First Course of Treatment for Stage II and III Rectal Cancer

Y. Tilahun, S. Eubanks, J.P. Arnoletti, S. de la Fuente\*, Surgical Oncology, Florida Hospital Orlando and University of Central Florida, Orlando, FL.

P140 Immunologic Methods for Defining Malignant
Transformation Occurring in Benign Appearing
Colonocytes

M. Arlen\*, North Shore Univ. Hospital, Manhasset, NY.

P141 Impact of Aggressive Histology and Location of Primary on the Efficacy of Surgical Therapy for Peritoneal Carcinomatosis of Colorectal Origin J.H. Winer\*, J.F. Pingpank, A.H. Zureikat, M.P. Holtzman, L. Ramalingam, H.L. Jones, H.J. Zeh, D.L. Bartlett, S.A. Ahrendt, H.A. Choudry, Surgical Oncology, University of Pittsburgh Medical Center, Pittsburgh, PA.

### P142 Tumor Size as a Prognostic Factor for Colon Cancer Patients Undergoing Sentinel Lymph Node Mapping and Conventional Surgery

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### P143 Algorithm for Identifying Various 2nd & 3rd Line Chemotherapy Regimens in Elderly U.S. Medicare Patients with Metastatic Colon Cancer

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- P144 Expanded Analysis of DNA Sequence Reports on the InSiGHT Database Redefines the Variants of Uncertain Significance (VUS) Clinical Genetics Challenge for Surgical Oncologists
  - R. Raval, T.K. Weber\*, L. Baez-Cabrera, A. Abbott, S. Okochi, *State University of New York Surgical Research Unit at VA New York Harbor Medical Center, Brooklyn, NY;* J. Plazzer, F. Macrae, *Department of Colorectal Medicine and Genetics, The Royal Melbourne Hospital, Melbourne, Victoria, Australia*; M. Genuardi, University of Florence, Florence, Italy.
- P145 Cytoreductive Surgery with Heated Intraperitoneal Chemotherapy Improves Overall Survival in Patients with Mucinous Signet Ring Peritoneal Malignancies S.J. McPartland\*, M.D. Goodman, Surgery, Tufts Medical Center, Shrewsbury, MA.

#### **ENDOCRINE CANCER**

- P146 Panobinostat, a Novel Histone Deacetylase Inhibitor, in Metastatic Medullary Thyroid Cancer and Iodine-refractory Differentiated Thyroid Cancer
  S.E. Murray\*, G.E. Leverson, H. Chen, R.S. Sippel, University of Wisconsin School of Medicine and Public Health, Department of Surgery, Section of Endocrine Surgery, Madison, WI; A.M. Traynor, H.R. Hernan, M.M. Larson, University of Wisconsin Carbone Cancer Center, University of Wisconsin School of Medicine and Public Health, Division of Hematology/Oncology, Madison, WI; D.F. Elson, University of Wisconsin School of Medicine and Public Health, Department of Medicine, Division of Endocrinology, Madison, WI; J.H. Blank, Green Bay Oncology, Green Bay, WI.
- Lindau Syndrome: An Assessment of Tumor Growth and Radiographic Density
  F. Thomas, D. Williams, N. Gulati, K. Gesuwan, Y. Liu, D. Venzon, A. Venkatesan, J. Yao, N. Nilubol, E. Kebebew, National Institutes of Health, Bethesda, MD; A. Weisbrod\*, Walter Reed National Military Medical Center, Besthesda, MD; M. Kitano, S.K. Libutti, Montefiore Medical Center,

Pancreatic Neuroendocrine Tumors in Von Hippel

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Bronx. NY.

- P148 An Evaluation of Surgeon-performed Neck Ultrasound and Sestamibi Scans for Preoperative Tumor Localization in Secondary and Tertiary Hyperparathyroidism
  Y. Tasci, H.E. Taskin, S. Aliyev, O. Agcaoglu, E. Aksoy,
  J. Mitchell, M. Milas, J. Shin, A. Siperstein, E. Berber\*,
  Endocrine Surgery, Cleveland Clinic, Cleveland, OH.
- P149 Estrogen Receptor Expression Promotes Papillary Thyroid Cancer Progression in Women B.J. Allan\*, P. Catanuto, S.J. Elliot, J.I. Lew, Surgery, University of Miami, Miami, FL.
- P150 Radioiodine Utilization in Adolescent and Young Adult (AYA) vs. Non-AYA Thyroid Cancer Patients
  M. Goldfarb\*, S.S. Sener, Surgery, University of Southern California Keck School of Medicine, Los Angeles, CA.
- P151 A Single Parathyroid Hormone Level Obtained 4 Hours
  After Total Thyroidectomy Predicts the Need for
  Postoperative Calcium Supplementation
  A.A. Carr\*, T.W. Yen, A.K. Cayo, S.M. Misustin,
  K. Wall, D. Evans, T.S. Wang, Surgical Oncology, Medical
  College of Wisconsin, Milwaukee, WI.

### P152 Prognostic Factors and Survival in Anaplastic Thyroid Cancer: A Population-based Study in North-East Netherlands

J.T. Plukker\*, L. Steggink, *Dept. Surgical Oncology, University Medical Center Groningen, Groningen, Netherlands;* B. van Dijk, *National Cancer Center Netherland, Utrecht, Netherlands.* 

#### **HEPATOBILIARY CANCER**

- P153 Adjuvant Chemotherapy After Liver Transplantation for Hepatocellular Carcinoma (HCC) with Lymphovascular Invasion (LVI) Reduces the Risk of Early Recurrence K. Uchida\*, D.M. Levi, L. Feun, T. Dohi, T. Hibi, L. Mosna, J. Fan, A. Tekin, G. Selvaggi, E. Maki, D. Weppler, M.T. Garcia, S. Nishida, T.G. Andreas, *University of Miami, Miami, FL*.
- P154 Understanding Variations in Referral Patterns and Treatment Choices for Patients with Hepatocellular Carcinoma

O. Hyder, D. Cosgrove, H. Nathan, K. Hirose, C. Wolfgang, J. Bridges, J. Geschwind, N. Bhagat, A. Gurakar, J.M. Herman, I. Kamel, T. Pawlik\*, *Surgery, Johns Hopkins University, Baltimore, MD.* 

P155 Ablation for Hepatocellular Carcinoma: Validating the 3cm Breakpoint

R.T. Groeschl\*, T. Gamblin, K.K. Turaga, *Medical College of Wisconsin, Milwaukee, WI.* 

- P156 Robotic-assisted Right Hepatic Resection
  M. Sabbaghian\*, D.L. Bartlett, A. Tsung, Surgery, Division
  of Surgical Oncology, University of Pittsburgh Medical
  Center, Pittsburgh, PA.
- P157 Surgical Placement of Biological Mesh Spacers to Displace Bowel from Unresectable Liver Tumors Facilitates Safe Delivery of Dose-Intense Radiation Therapy

A.B. Haynes\*, T.A. Aloia, J. Vauthey, C. Crane, *Surgical Oncology, University of Texas MD Anderson Cancer Center, Houston, TX;* C. Ferrone, J.Y. Wo, T.S. Hong, S.S. Yoon, *Massachusetts General Hospital, Boston, MA.* 

P158 Patients with Cirrhosis and any Indeterminate
Nodule by Surveillance Imaging Have a High Risk of
Developing HCC

S.P. Albert\*, L.A. Shirley, R. Sullivan, S. Abdel-Misih, M. Bloomston, C. Schmidt, *Surgical Oncology, Ohio State Medical University, Columbus, OH;* M. McNally, *Saint Luke's Health System of Kansas City and University of Missouri-Kansas City, Kansas City, KS.* 

P159 Improved Anti-Metastasis Efficacy of Non Anticoagulant Heparin Derivative versus Low Molecular Weight Heparin (LMWH) in Mouse Pancreatic Tumor Models R. Alyahya\*, Albany College of Pharmacy and Health Science, Albany, NY; A. Nigam, S. Stain, Albany Medical Center, Albany, NY; S. Thangirala, S. Mousa, Pharmaceutical Research Institute, Albany, NY.

# P160 Outcomes for Resection of Recurrent Intrahepatic Cholangiocarcinoma

P. Tabrizian\*, G. Jibara, J.F. Hechtman, B. Franssen, D. Labow, S.N. Thung, M.E. Schwartz, U. Sarpel, *Mount Sinai School of Medicine, New York*, NY.

## P161 Outcomes After Emergency Surgery in Naïve GIST Patients

F. Gerstenhaber\*, E. Itzkowitz, O. Merimsky, J.M. Klausner, G. Lahat, *Tel-Aviv Sourasky Medical Center, Tel-Aviv, Israel;* S. Grunner, G. Bar- Sela, Y. Kluger, Rambam, Haifa, Israel; A. Kapiev, A. Halevy, *Assaf Harofeh, Tzrifin, Israel.* 

### P162 An Elevated Neutrophil-to-Lymphocyte Ratio Portends a Poor Prognosis in Patients Treated with Microwave Ablation for Malignant Liver Tumors

L.A. Shirley\*, S.P. Albert, M. Bloomston, H. Khabiri, C. Schmidt, *The Ohio State University, Columbus, OH.* 

### P163 Prognostic Features and Outcomes in Primary Liver Sarcoma

M.L. Guye\*, L. Streja, S.L. Chen, L.A. Uyeno, J. Kim, G. Singh, *City of Hope National Medical Center, Duarte, CA.* 

### P164 A Critical Analysis of Postoperative Morbidity and Mortality After Laparoscopic Radiofrequency Thermal Ablation of Liver Tumors

O. Birsen, S. Aliyev, H.E. Taskin, A. Siperstein, E. Berber\*, *Endocrine Surgery, Cleveland Clinic, Cleveland, OH.* 

### Cast Your Vote for the Best Science and Clinical Posters

Poster contest finalists are displayed in the Potomac Foyer, outside of the General Session Room. Ballots must be posted by 1:00 pm, Saturday, March 9.

### MELANOMA

P165 Non-Sentinel Node Status Sub-Classified Prognosis of Patients with AJCC N2a Melanoma After Sentinel Node Biopsy and Completion Lymph Node Dissection S. Pasquali\*, S. Mocellin, Dept. of Surgery, Oncology and Gastroenterology, University of Padova, Padova, Italy; C.R. Rossi, Veneto Institute of Oncology, Padova, Italy; N. Mozzillo, C. Caracò, U. Marone, National Cancer Institute Pascale, Napoli, Italy; A. Maurichi, R. Patuzzo, M. Santinami, National Cancer Institute, Milano, Italy; P. Quaglino, S. Ribero, University of Torino, Torino, Italy; L. Borgognoni, Ospedale S.M. Annunziata, Firenze, Italy; N. Solari, National Cancer Research Institute, Genova, Italy; D. Piazzalunga, Ospedali Riuniti, Bergamo, Italy; L. Mascheroni, Casa di Cura Pio X, Milano, Italy; G. Giudice, University of Bari, Bari, Italy.

# P166 Sentinel Lymph Node (SLN) Biopsy in Patients with Thin (≤1 mm) Melanoma

E.K. Bartlett\*, A. Sinnamon, H. Wachtel, R.R. Kelz, R.E. Roses, B.J. Czerniecki, D.L. Fraker, G.C. Karakousis, Department of Surgery, Hospital of the University of Pennsylvania, Philadelphia, PA; P. Gimotty, Department of Biostatistics, Hospital of the University of Pennsylvania, Philadelphia, PA; R. Elenitsas, X. Xu, D.E. Elder, Department of Pathology, Hospital of the University of Pennsylvania, Philadelphia, PA; L.M. Schuchter, Department of Oncology, Hospital of the University of Pennsylvania, Philadelphia, PA; M.E. Ming, Department of Dermatology, Hospital of the University of Pennsylvania, Philadelphia, PA.

### P167 Pathology Review for Melanoma Patients Referred to a Melanoma Treatment Center Significantly Impacts Diagnosis and Management

M. Niebling\*, L. Haydu, R. Karim, J. Thompson, R. Scolyer, *Melanoma Institute Australia, Sydney, New South Wales, Australia.* 

### P168 Prognostic Significance of Tumor Mitotic Rate in Intermediate Thickness Melanoma Staged with Sentinel Lymphadenectomy

M.O. Meyers\*, J. Baker, J. Frank, K. Stitzenberg, D.W. Ollila, *Surgery, University of North Carolina School of Medicine. Chapel Hill. NC.* 

# P169 The Role of Intralesional Interleukin-2 for In-transit Melanoma: A Validation Study

S. Hassan\*, T. Petrella, F. Wright, *Sunnybrook Health Sciences Centre, Toronto, Ontario, Canada;* S. Kamel-Reid, A. Al Habeeb, D. Ghazarian, *University Health Network, Toronto, Ontario, Canada,* 

- P170 In Transit Sentinel Lymph Nodes in Cutaneous Melanoma Treatment and Recurrence Patterns M.R. Forster\*, J.L. Weber, J.L. Messina, A.A. Sarnaik, V.K. Sondak, J. Zager, C.A. Puleo, Surgical Oncology, H. Lee Moffitt Cancer Center, Tampa, FL.
- P171 Termination of BRAF Targeted Therapy
  Augments Tumor Growth in the Setting of
  Vemurafenib Resistance
  M.E. Lidsky\*, R.S. Turley, P. Speicher, C.K. Augustine,
  F. Ali-Osman, D.S. Tyler, Duke University, Durham, NC.
- P172 Value of Positron Emission Tomography Scan in Stage III Cutaneous Melanoma: A Systematic Review and Meta-analysis

  A.M. Rodriguez Rivera\*, H. Alabbas, A. Meguerditchian,

A.M. Rodriguez Rivera\*, H. Alabbas, A. Meguerditchian, McGill University Health Centre, Montreal, Quebec, Canada; A. Ramjaun, McGill University Clinical and Health Informatics, Montreal, Quebec, Canada.

- P173 XP01 and BRAF Inhibition Synergize and Modulate pRb, Survivin and ERK in Melanoma
  R.A. Salas Fragomeni\*, J.C. Cusack, Harvard Medical School/Massachusetts General Hospital, Boston, MA.
- P174 Bio-Impedance Spectroscopy Measurement of Melanoma Patients Undergoing Axillary Sentinel Lymph Node Biopsy M. Kovarsky, P. Beitsch\*, T. Huber, *Dallas Surgical Group,* Dallas. TX.
- P175 Serum S-100B Levels are Associated with Non-sentinel Node Positivity in 68 Sentinel Node-Positive Melanoma Patients
  K.P. Wevers\*, S. Kruijff, M.J. Speijers, E. Bastiaannet, A.C. Muller Kobold, H.J. Hoekstra, UMCG Groningen, Groningen, Netherlands.
- P176 Tumor B7H3 Expression Affects the Immunologic Milieu of Sentinel Lymph Nodes

  D.M. Bello\*, K. Kreymborg, J.P. Allison, C.E. Ariyan, Memorial Sloan-Kettering Cancer Center, New York, NY.
- P177 Single Photon Emission Computed Tomography (SPECT) Compared with Conventional Planar Lymphoscintigraphy (LS) for Preoperative Sentinel Node Localization in Cutaneous Malignancies M. Yamamoto\*, M. Djulbegovic, J. Montilla-Soler, E. Eikman, R.J. Gonzalez, C.W. Cruse, A.A. Sarnaik, V.K. Sondak, J. Zager, H. Lee Moffitt Cancer Center, Tampa, FL.

- P178 Neuropathic Pain Following Wide Local Excision and Sentinel Node Biopsy for Melanoma: An Undiagnosed and Significant Problem C.H. Thomson, J. Garioch, M. Moncrieff\*, Norfolk and Norwich University Hospital. Norwich. United Kinadom.
- P179 Outcome After Resection of Limited Residual or Progressive Disease in Metastatic Melanoma Patients Treated with B-RAF Molecular Targeted Therapy
  R.A. Snyder\*, R. Kauffman, I. Puzanov, J. Sosman, M.C. Kellev. Vanderbilt University School of Medicine.

P180 Location and Significance of Positive Nonsentinel Lymph Nodes in Head and Neck Melanoma

D.E. Gyorki\*, J.O. Boyle, G. Ian, L. Morris, A.R. Shaha, B. Singh, R.J. Wong, J.P. Shah, K. Busam, D.G. Coit, S.G. Patel, *MSKCC, New York, NY;* D. Kraus, *North Shore-LIJ Cancer Institute. New York, NY.* 

P181 Isolated Limb Infusion for Melanoma In-transit
Metastases: Experience at Two Canadian Centres
L. Chin-Lenn\*, C. Temple-Oberle, J. McKinnon, Tom Baker

Cancer Centre, Calgary, Alberta, Canada.

P182 Interobserver Variation and Completeness of Pathology Reporting for Melanoma Between 2001 and 2011 in New South Wales, Australia: An Analysis of 4924 Cases

M. Niebling\* L. Haydu, R. Karim, J. Thompson, R. Scolver

M. Niebling\*, L. Haydu, R. Karim, J. Thompson, R. Scolyer, *Melanoma Institute Australia, Sydney, New South Wales, Australia.* 

P183 Behavior of Cutaneous Adnexal Neoplasms
J. Wong\*, C. Puleo, S. Iyengar, A. Chen, D. Almendares,
K.J. Fisher, C.W. Cruse, A.A. Sarnaik, R.J. Gonzalez,
J.L. Messina, V.K. Sondak, J.S. Zager, Surgery, Moffitt
Cancer Center, Tampa, FL.

P184

Stromal Tumor (GIST)
V.P. Balachandran\*, M. Cavnar, S. Zeng, Z.M. Bamboat,
L. Ocuin, H. Obaid, E. Sorenson, T. Kim, R. Popow,

R.P. DeMatteo, *Surgery, Memorial Sloan-Kettering Cancer Center, New York, NY.* 

Imatinib Modulates CD4+ T Cells in Gastrointestinal

P185 Functional Analysis of Gene Profiling of Melanoma:
Potential Significance of Over-Expression of the
Cell-Cycle Regulatory Gene, ETV1
R. Essner\*, K.W. Gong, B. Chmielowski, R. Finn.

D. Slamon, Oncology, UCLA, Santa Monica, CA.

### P186 Sorafenib Enriches for Sarcoma Cancer Stem Cells In Vitro

R.J. Canter\*, E. Ames, J. Tellez, R.C. Smith, J. Perez, A.M. Monjazeb, W.J. Murphy, *Surgery/Surgical Oncology, UC Davis Medical Center, Sacramento, CA.* 

# P187 The Significance of Mitotic Index in Cutaneous Melanoma Patients Undergoing Sentinel Node Biopsy D. Puttoweki, H. Koople\* M. Zdzienieki, A. Chierzaz

P. Rutkowski, H. Kosela\*, M. Zdzienicki, A. Gluszcz, T. Switaj, Z. Nowecki, *Department of Soft Tissue/Bone Sarcoma and Melanoma Memorial Cancer Center and Institute of Oncology, Warsaw, Poland;* K. Szydlowski, *Department of Surgical Oncology, Regional Hospital Elblag, Elblag, Poland;* E. Bakula-Zalewska, W. Michej, *Department of Pathology, Maria Sklodowska-Curie Memorial Cancer Centre and Institute of Oncology, Warsaw, Poland;* A. van Akkooi, *Erasmus University Medical Centre — Daniel den Hoed Cancer Centre, Rotterdam, Netherlands.* 

### P188 Advanced Imaging for the Detection of Occult Metastatic Disease in Patients with American Joint Committee on Cancer Stage III Melanoma

H. Beitollahi\*, K. Jaap, M. Hunsinger, N. Woll, M. Shabahang, J. Blansfield, *General Surgery, Geisinger Medical Center, Danville, PA.* 

### P189 Sentinel Lymph Node Biopsy to Guide Management in Patients with Locally Recurrent Melanoma

G. Beasley\*, P. Speicher, K. Sharma, B. Jiang, M. Lidsky, K. Bronson, P. Mosca, D.S. Tyler, *Duke University, Durham, NC.* 

# P190 Vital Blue Dye Use in Sentinel Lymph Node Biopsy for Melanoma Compared with Radioisotope Alone T.S. Ellison, A.M. Winder, V. Erath, M. Hunsinger, N. Woll, M. Shabahang, J.A. Blansfield\*, Surgical Oncology,

### P191 Electrochemotherapy for Treatment of Locally Advanced Superficial Cancer: Results from a Single Institution

Geisinger Medical Center, Danville, PA.

E. Pennacchioli\*, A. Intelisano, F. Verrecchia, G. Tosti, E. Cocorocchio, G. Spadola, P. Ferrucci, A. Testori, Melanoma *and Sarcoma Surgery, European Institute of Oncology, Milan, Italy.* 

### P192 Predictors of Patient Response to Isolated Limb Perfusion for Metastatic Melanoma

C.M. Webb\*, H. Wachtel, E.K. Bartlett, L.C. Lowenfeld, R.R. Kelz, G.C. Karakousis, D.L. Fraker, *Hospital of the University of Pennsylvania, Philadelphia, PA.* 

### P193 Combined Radio- and Fluorescence-guided Sentinel Node Biopsy in Melanoma Patients Using a Hybrid Tracer

O.R. Brouwer\*, M.C. Klop, A. Balm, O.E. Nieweg, R. Valdés Olmos, *Nuclear Medicine, Netherlands Cancer Institute - Antoni van Leeuwenhoek Hospital, Amsterdam, Netherlands;* B. Schaafsma, N. van den Berg, A. Vahrmeijer, F. van Leeuwen, *Leiden University Medical Center, Leiden, Netherlands.* 

### P194 Type I Polarized Dendritic Cell-based Vaccine Effectively Targets BRAFV600E in Melanoma

J. Cintolo\*, S. Xu, M. Gupta, B.J. Czerniecki, *Harrison Department of Surgical Research, Hospital of the University of Pennsylvania, Philadelphia, PA;* R. Somasundaram, *Wistar Institute, Philadelphia, PA.* 

# P195 Positron Emission Tomography (PET) for Staging of Cutaneous Melanoma in the United States: A Population-based Analysis N. Wasif\*, D. Haddad, B.A. Pockaj, R. Gray, D. Etzioni,

N. Wasif\*, D. Haddad, B.A. Pockaj, R. Gray, D. Etzioni, *Mayo Clinic Arizona, Phoenix, AZ*; S. Bagaria, *Mayo Clinic Florida, Jacksonville, FL*.

- P196 High Mitotic Rates in Patients with Cutaneous Melanoma
  V.H. Barnica\*, Fox Chase Cancer Center, Philadelphia, PA;
  S.S. Reddy, Fox Chase Cancer Center, Philadelphia, PA;
  H. Wu, Fox Chase Cancer Center, Philadelphia, PA; F. Zhu,
  Fox Chase Cancer Center, Philadelphia, PA; A.J. Olszanski,
  Fox Chase Cancer Center, Philadelphia, PA; J.M. Farma,
  Fox Chase Cancer Center, Philadelphia, PA.
- P197 The Influence of Competing Causes of Mortality on the Natural History of Patients with Desmoplastic Melanoma D. Han\*, G. Han, X. Zhao, N.G. Rao, J.L. Messina, A.A. Sarnaik, C.W. Cruse, R.J. Gonzalez, V.K. Sondak, J.S. Zager, *Moffitt Cancer Center, Tampa, FL*.
- P198 Metformin and Polyamine Synthesis Inhibitor Exert Anti-Proliferative Effect on Melanoma In Vivo E.C. Hsueh\*, Y. Zhang, G. Peng, Saint Louis University, St. Louis, MO.
- P199 Limitations of Lymph Node Ratio and the Importance of an Adequate Lymph Node Dissection in Melanoma T.E. Grotz\*, M. Huebner, J.W. Jakub, *Department of Surgery, Mayo Clinic, Rochester, MN;* B.A. Pockaj, *Mayo Clinic, Scottsdale , AZ.*

# P200 Survival and Recurrence in Clinical Stage III Melanoma Patients with Whole Body FDG-PET and CT Added to the Diagnostic Work-up

M. Niebling\*, H.J. Hoekstra, *Surgery, University Medical Centre Groningen, Groningen, Netherlands;* E. Bastiaannet, *Leiden University Medical Hospital, Leiden, Netherlands;* O. Hoekstra, *VU University Medical Centre Amsterdam, Amsterdam, Netherlands;* H. Bonenkamp, *Radboud University Nijmegen Medical Centre, Nijmegen, Netherlands;* R. Koelemij, *St. Antonius Hospital Nieuwegein, Nijmegen, Netherlands.* 

# P201 Stage IV Melanoma: Completely Resectable Patients are Scarce

K.P. Wevers\*, H.J. Hoekstra, *UMCG Groningen, Groningen, Netherlands.* 

P202 Amelanotic Melanoma: Defining a Rare Disease Using the Surveillance, Epidemiology, and End Results (SEER) Registry

E.K. Bartlett\*, R.R. Kelz, R.E. Roses, D.L. Fraker, G.C. Karakousis, *Department of Surgery, Hospital of the University of Pennsylvania, Philadelphia, PA;* P. Gimotty, *Department of Biostatistics, Hospital of the University of Pennsylvania, Philadelphia, PA;* X. Xu, R. Elenitsas, *Department of Pathology, Hospital of the University of Pennsylvania, Philadelphia, PA;* D. Guerry, L.M. Schuchter, *Department of Oncology, Hospital of the University of Pennsylvania, Philadelphia, PA.* 

P203 Determinants of Tumor Metastatic Potential in a Syngeneic Murine Melanoma Model

> S. Ganai\*, S.A. Khan, A. Uppal, S. Wightman, M.C. Posner, The University of Chicago Medicine, Department of Surgery, Chicago, IL; R.R. Weichselbaum, The University of Chicago Medicine, Department of Radiation Oncology, Chicago, IL; N.N. Khodarev, The Ludwig Center for Metastasis Research, Chicago, IL.

- P204 No Lymph Node Recurrence in Sixteen Melanoma
  Patients with a Starz I Involved Sentinel Node in
  Whom Completion Lymph Node Dissection was Omitted
  H.J. Veenstra, O.R. Brouwer, I.M. Van der Ploeg,
  B.B. Kroon, O.E. Nieweg\*, The Netherlands Cancer Institute,
  Amsterdam, Netherlands.
- P205 Staged Excision of Lentigo Maligna and Lentigo Maligna
  Melanoma with the use of Irradiated Human Skin
  K. Vakharia\*, R.I. Neves, *Plastic Surgery, Penn State Hershey*Medical Center. Hershev. PA.
- P206 IL-35 Promotes Melanoma Growth by Promoting Proliferation and Inhibiting Apoptosis
  M.B. Nicholl\*, Y. Fang, K. Cook, E. Herrick, Surgery, University of Missouri. Columbia. MO.

# OTHER (UROLOGY/HEAD AND NECK/THORACIC)

### P207 Intraoperative Imaging of Pleural Malignant Mesothelioma Improves Disease Detection

O. Okusanya\*, B.F. Judy, B. Madajewski, J.G. Quatromoni, J. Predina, S. *Singahl, Surgery, University of Pennsylvania, Philadelphia, PA.* 

# P208 A Novel Approach to Targeted Oncologic Therapy - Co-Culture Viability of Polymer Prodrug Conjugation to Mesenchymal Stem Cells

Conjugation to Mesenchymal Stem Cells
K.E. Wong\*, R. Arenas, Department of Surgery, Baystate
Medical Center, Springfield, MA; S. Schneider, Pioneer
Valley Life Sciences Institute, Springfield, MA;
N. Panzarino, Molecular and Cellular Biology Program,
University of Massachusetts, Amherst, MA; S. McRae,
T. Emrick, Polymer Science and Engineering Department,
University of Massachusetts, Amherst, MA.

# P209 Developing Irradiated Autologous Tumor Cells as a Novel Delivery Vehicle for Anti-Cancer Therapy G. Zhou, P. Sharma, M. Hahn, B. Moudgil, Surgery, University of Florida, Gainesville, FL; S.R. Grobmyer\*, Cleveland Clinic, Cleveland, OH; S. Brown, DuPont Central Research and Development, Wilmington, DE.

# P210 Extended Survival in the Elderly Undergoing Cytoreductive Surgery/Hyperthermic Intraperitoneal Chemotherapy (CRS/HIPEC)

S. Shankar\*, M. Sittig, C. Nieroda, R. MacDonald, V. Gushchin, A. Sardi, *Surgical Oncology, Mercy Medical Center, Baltimore, MD.* 

# P211 Feasibility of Image Guided Sentinel Node Biopsy using Augmented Reality and SPECT/CT-based 3D Navigation

O.R. Brouwer\*, H. Mathéron, O.E. Nieweg, S. Horenblas, H. van der Poel, R. Valdés Olmos, *Nuclear Medicine, Netherlands Cancer Institute - Antoni van Leeuwenhoek Hospital, Amsterdam, Netherlands;* N. van den Berg, F. van Leeuwen, *Leiden University Medical Center, Leiden, Netherlands;* T. Wendler, *Technische Universitat Munchen, Munich, Germany.* 

# P212 SIAH as a Promising Biomarker Predictive of Cancer Cell Response to Effective Chemotherapy

V. Zheleva\*, M. Bian, R.R. Perry, A.H. Tang, *Eastern Virginia Medical School. Norfolk. VA.* 

# P213 The Role of Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy in Patients with Primary Peritoneal Carcinoma with Failed Conventional Treatment

S. Shankar\*, M. Sittig, C. Nieroda, R. MacDonald, V. Gushchin, A. Sardi, *Surgical Oncology, Mercy Medical Center, Baltimore, MD.* 

### P214 Drain Amylase Accurately Predicts Anastomotic Leak after Esophagectomy

J.S. Hill\*, E.M. Hanna, S. Hurley, M. Reames, J.S. Salo, *Carolinas Medical Center, Charlotte, NC.* 

# P215 A Novel Humanized Monoclonal Antibody to SFRP2 Inhibits Wnt-Signaling in Glioblastoma Cells

J. Samples\*, S. Snyder, D. Ketelsen, N. Klauber-Demore, Surgical Oncology, University of North Carolina at Chapel Hill, Chapel Hill, NC; C. Patterson, Lineberger Comprehensive Cancer Center, Chapel Hill, NC; R. Mumper, School of Pharmacology, Chapel Hill, NC.

### P216 Cytoreductive Surgery (CRS) and Hyperthermic Intraperitoneal Chemotherapy (HIPEC): 100 Consecutive Patients in an Asian Institution

G. Tan\*, General Surgery, Singapore General Hospital, Singapore, Singapore; M. Teo, C. Lim, D. Ng, C. Tham, K. Soo, National Cancer Centre Singapore, Singapore.

### P217 Limited Thoracic Lymphadenectomy Worsens Survival in 55,122 Patients with Resected Stage I Non-Small Cell Lung Cancer

C.M. Pezzi\*, N. Kulkarni, *Surgery, Abington Memorial Hospital, Abington, PA;* E. Gay, *American College of Surgeons, National Cancer Data Base, Chicago, IL;* J.B. Putnam, *Vanderbilt University Medical Center, Nashville, TN.* 

# P218 Planned Esophagectomy After Neoadjuvant Treatment versus Salvage/Delayed Esophagectomy J.A. Alosi\*, S. Yendamuri, E. Dexter, Surgical Oncology,

J.A. Alosi\*, S. Yendamuri, E. Dexter, *Surgical Oncology, Roswell Park Cancer Institute, Buffalo, NY;* J.P. Wilson, *Sentara Surgery Specialists, Newport News, VA.* 

# P219 Serglycin Expression is an Independent Marker of Distant Metastases in Nasopharyngeal Carcinoma C.S. Chia\*, W. Ong, X. Li, Y. Soong, F. Chong, H. Tan, K. Soo, C. Qian, B. Teh, N. Iyer, Surgical Oncology, National Cancer Centre Singapore, Singapore.

# P220 A Novel Small Portable Imager of Fluorescence (SPIF) For Intraoperative Imaging of Lung Tumors

B. Judy\*, O. Okusanya, E.T. Segal, J.G. Quatromoni, B. Madajewski, S. Singahl, University of Pennsylvania School of Medicine, Philadelphia, PA; D. Holt, *University of Pennsylvania School of Veterinary Medicine, Philadelphia, PA*.

- P221 An Improved Hemicorporectomy Technique
  M.B. Janjua\*, D.C. Crafts, F.E. Johnson, Saint Louis
  University Medical Center, St. Louis, MO.
- P222 Feasibility and Safety of Percutaneous Radiofrequency, Microwave or Cryoablation for Unresectable Thoracic Malignancies in Close Proximity to Heart and Large Vessels

C. Pusceddu, L. Melis, Oncological Hospital of Caglari, Dept. of Radio-Oncology, Cagliari, Italy; A. Fancellu\*, University of Sassari, Dept. of General Surgery, Clinica Chirurgica, Sassari, Italy; M. Melis, New York University School of Medicine, NY Harbor Healthcare System VAMC, New York, NY; G. Meloni, University of Sassari, Dept. of Radiology, Sassari, Italy.

- P223 Interleukin-21 for Expansion of T-cells for Adoptive Immunotherapy of Murine Mammary Carcinoma
  C.K. Zoon\*, L. Graham, H.D. Bear, General Surgery, Virginia Commonwealth University Health System, Richmond, VA.
- P224 Long-term Pulmonary Function After Metastatectomy for Childhood Osteosarcoma

L. Zhu, D. Srivastava, M.M. Hudson, K. Ness, L. Robinson, M. Neel, B. Rao, F. Navid, A.M. Davidoff, D.M. Green, *St. Jude Children's Research Hospital, Memphis, TN;* J. Denbo\*, D. Stokes, S. Srinivasan, *University of Tennessee Health Science Center, Memphis, TN.* 

- P225 Optimal Management of Malignant Pleural Effusions: VATS with Talc Pleurodesis vs. Tunneled Pleural Catheter M.J. Schuchert\*, R. Shah, K.N. McCormick, K. Stewart, A. Pennathur, G. Abbas, O. Awais, D.O. Wilson, J.M. Siegfried, J.D. Luketich, R.J. Landreneau, Cardiothoracic Surgery, University of Pittsburgh Medical Center, Pittsburgh, PA.
- P226 Utilization of Receptor Targeted Technetium Tc 99m Tilmanocept (Lymphoseek Injection) to Identify and Evaluate the Pathological Status of Sentinel Lymph Nodes vs. Elective Neck Dissection in Patients with Intraoral Squamous Cell Carcinoma: A Preliminary Performance Evaluation Against Technetium Tc 99m Sulfur Colloid in the ACOSOG-Z0360 Study S.Y. Lai\*, Dept. of Head and Neck Surgery, MD Anderson Cancer Center, Houston, TX; A. Agrawal, The Ohio State University Wexner Medical Center, Columbus, OH; F.J. Civantos, Sylvester Comprehensive Cancer Center/ University of Miami Health System, Miami, FL.

- P227 Preventing Metastatic Disease by Activating Natural Killer Cells with Perioperative Influenza Vaccination R.C. Auer\*, University of Ottawa, Department of Surgery, Ottawa, Ontario, Canada; L. Tai, J. Zhang, C. Tanese de Souza, A. Ananth, J.C. Bell, Ottawa Hospital Research Institute, Center for Cancer Therapeutics, Ottawa, Ontario, Canada; A.P. Makrigiannis, University of Ottawa, Biochemistry, Microbiology and Immunology, Ottawa, Ontario, Canada.
- P228 Is Neoadjuvant Chemoradiotherapy Superior to Neoadjuvant Chemotherapy in Resectable Esophageal Adenocarcinoma?

A.T. Prescott\*, V.P. Koshenkov, T. Koru-Sengul, M.E. Freiser, J.L. Sparling, B.J. Allan, D. Franceschi, A. Livingstone, E. Avisar, *Surgical Oncology, University of Miami, Jackson Memorial Hospital, Miami, FL;* C. Rosati, *University of Pisa, Pisa, Italy.* 

- P229 Second Cytoreductive Surgery and HIPEC for Peritoneal Surface Malignancy and Peritoneal Carcinomatosis: A Single Institution's Experience
  - J. Wong\*, M. Teo, G. Tan, C. Tham, K. Soo, *National Cancer Centre Singapore, Singapore.*
- P230 The Sphingolipid Transporter Spns2 Maintains Levels of Sphingosine-1-Phosphate in the Lymphatic System and Regulates Lymphatic Vessel Networks

  M. Nagahashi\*, E.Y. Kim, A. Yamada, S. Ramachandran, J.C. Allegood, N.C. Hait, M. Maceyka, S. Milstein, S. Spiegel, K. Takabe, Virginia Commonwealth University, Richmond, VA.
- P231 Development of a Robotic Thoracic Surgery Program in a Comprehensive Cancer Center
   P. Ross\*, P. Skabla, E. Kassis, V. Daniel, K. Glass, J.L. Wilson, Thoracic Surgery, Ohio State University, Columbus, OH.
- P232 Melphalan: A Promising Agent in Patients Undergoing Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy (CRS/HIPEC)

A. Sardi\*, V. Gushchin, C. Nieroda, M. Sittig, S. Shankar, J. Francis, R. MacDonald, P. Ledakis, *Mercy Medical Center, Baltimore, MD.* 

P233 Transfection of Naïve T Cells with a T Cell Receptor Specific for NY-ESO Cancer Testis Antigen Enhances the T Cell Response Against NY-ESO+ Lung Cancer Cell Lines

N.N. Gangopadhyay, A. DeLeo, A. Opest, R.J. Landreneau, J.D. Luketich, M.J. Schuchert\*, *Cardiothoracic Surgery, University of Pittsburgh Medical Center, Pittsburgh, PA.* 

- P234 Microfabricated Polymeric Vessel Mimetics for Oxygenation of 3-D Cancer Cell Cultures C. Das\*, A. Jaeger, T. Pohida, N. Morgan, M. Gottesman, NIH. Bethesda, MD.
- P235 Malignant Cutaneous Adnexal Tumors Do Not Require Routine Sentinel Lymph Node Biopsy M.A. Barnes\*, A. Hestley, D.R. Murray, M. Rizzo, G.W. Carlson, D.C. Parker, K.A. Delman, Surgical Oncology. Emory University School of Medicine, Atlanta, GA.
- P236 Withdrawn

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P237 Induction Therapy Followed by Surgery for Non-Small Cell Lung Cancer (NSCLC) in a Community Cancer Center

B.G. Dalton\*, R.B. Hird, R.K. Orr, C.L. Nouven, Spartanburg Regional Medical Center-Gibbs Cancer Center, Spartanburg, SC.

- P238 **Preserving Fertility in Young Cancer Patients Using** Biomaterials in a Murine Model of Infertility A. Hardy\*, Surgery, Northwestern University Feinbera School of Medicine, Chicago, IL: J.S. Jeruss, Robert H. Lurie Comprehensive Cancer Center, Chicago, IL; E. Kniazeva, L.D. Shea, Northwestern University Department of Chemical and Biological Engineering. Evanston, IL.
- Survival Analysis of 16 Cases of Head and Neck Synovial Sarcomas in Mexico Compared with **Extremity Synovial Sarcomas** R.A. Salcedo-Hernandez\*, L.S. Lino-Silva, K. Luna-Ortiz,
  - H. Martínez-Said, Á. Herrera-Gómez, Surgical Oncology, Instituto Nacional de Cancerología de México, Mexico.
- P240 Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy (HIPEC) for Recurrent Ovarian Cancer - An Asian Experience C.S. Chia\*, G. Tan, C. Tham, K. Soo, M. Teo, National Cancer Centre Singapore, Singapore.

### **QUALITY IMPROVEMENT/ CLINICAL OUTCOMES**

P241 **Development of Palliative Care Index: Opportunities** for Assessment of Palliative Outcomes for Surgery in Advanced Malignancy

S. Kwon\*, J. Park, D.R. Byrd, D. Flum, General Surgery, University of Washington, Seattle, WA.

- P242 Isolated Chemotherapeutic Perfusion as Neoadjuvant Therapy for Advanced/Unresectable Pelvic Malignancy H. Wanebo\*, J. Belliveau, E. Gustafson, Landmark Medical Center, Woonsocket, RI; G. Begossi, Alta Bates Summit Medical Center, Oakland, CA.
- P243 Risk-adjusted Learning Curve for Peritoneal Cytoreductive Surgery: The Effect of Mentoring and System Learning on Postoperative Complications
  Y.J. McConnell\*, L.A. Mack, S. Sun, W.J. Temple, Division of Surgical Oncology, University of Calgary, Calgary, Alberta, Canada.
- P244 Breast and Prostate Cancer Survivor-Reported Comorbidities in a Survivorship Clinic
  S. Misra\*, T. Lay, A. Poirier, Surgical Oncology, Cancer Treatment Centers of America, Zion, IL.
- P245 Is Surveillance Imaging Effective for Detecting
  Treatable Recurrences in Melanoma Patients?

  N.M. Rueth\*, Y. Xing, Y. Chiang, M.I. Ross, J. Gershenwald,
  J.E. Lee, R.E. Royal, A. Lucci, J. Cormier, The University of
  Texas MD Anderson Cancer Center, Houston, TX.
- P246 Obesity and Peritoneal Surface Disease: Outcomes Following Cytoreductive Surgery (CRS) with Hyperthermic Intraperitoneal Chemotherapy (HIPEC) K.I. Votanopoulos\*, K. Swett, D.S. Swords, P. Shen, J.H. Stewart, E. Levine, Wake Forest University, Winston Salem, NC.
- P247 Identification of Age-Dependent Transition Zone in the Use of Internet/Electronic Devices is Important for Healthcare Communication in Cancer Patients

  A. Saied\*, J. Espat, S.J. Sherry, D. Castricone, K.M. Perry, P. Somasundar, Surgery, Roger Williams Medical Center, Providence, RI.
- P248 General Surgery Resident Operative Experience in Surgical Oncology Over Two Decades
  S. Kwon\*, G.N. Mann, F. Drake, General Surgery, University of Washington, Seattle, WA; P. Wu, Veterans Affairs Puget Sound, Seattle, WA; K. Gow, Seattle Children's Hospital, Seattle, WA
- P249 Comparative Analysis of 2nd and 3rd Chemotherapy Lines on Short and Long-term Survival of Elderly Medicare Metastatic Colon Cancer Patients

  N. Hanna\*, University of Maryland School of Medicine, Department of Surgery, Division of General & Oncologic Surgery, Baltimore, MD; E. Onukwugha, K.A. Bikov, Z. Zheng, D. Mullins, University of Maryland School of Pharmacy, Department of Pharmaceutical Health Services Research, Baltimore, MD; B. Seal, Bayer Healthcare Pharmaceuticals Inc., Wayne, NJ.

- P250 Evaluation of Initial Staging and Treatment in Prognosis of Hepatocellular Carcinoma Patients
  N. Burnett\*, E. Dunki-Jacobs, G.G. Callender,
  R. Anderson, C.R. Scoggins, K.M. McMasters,
  R.C. Martin, *University of Louisville, Louisville, KY.*
- P251 Quality of Life After Cytoreductive Surgery and Hyperthermic Intra-Peritoneal Chemotherapy An Asian Perspective
  W. Tan\*, G. Tan, C. Chia, K. Soo, M. Teo, Department of Surgical Oncology, National Cancer Centre Singapore, Singapore.
- P252 Addition of a Dedicated Inpatient Nurse Practitioner to a Busy Surgical Service Improves Discharge Efficiency and Patient Satisfaction
  R.S. Sweeting\*, M.O. Meyers, B. Brower, E.A. Spain, I.R. Dickinson, A.A. Meyer, H.J. Kim, Surgery, UNC Chapel Hill, Durham, NC.
- P253 Failure of Surgical Oncology Education in General Surgery Residency
  C.J. Wai\*, T. Li, K. Devarajan, D. Crawford,
  A. A. Thomay, E.R. Sigurdson, J.M. Farma, Fox Chase Cancer Center, Philadelphia, PA; Z. Maher, Temple University, Philadelphia, PA.
- P254 Return to Intended Oncologic Treatment (RIOT):
  A Novel Metric for Evaluating the Efficacy of Open and Minimally Invasive Surgical Oncology
  G. Zimmitti\*, J. Vauthey, J. Shindoh, A.B. Cooper, C.D. Tzeng, S.A. Curley, T.A. Aloia, Surgical Oncology, The University of Texas MD Anderson Cancer Center, Houston, TX.
- P255 Sequential Immune Monitoring of Melanoma and Renal Cell Carcinoma Patients Treated with High-dose Interleukin-2 (IL-2): Immune Patterns and Prognosis D.M. Foureau\*, A. Amin, H. Norton, T. Sarantou, I.H. McKillop, R.L. White, J.S. Salo, *General Surgery Research, Carolinas Medical Center, Charlotte, NC.*
- P256 A Cost Analysis of Somatostatin Use in the Prevention of Pancreatic Fistula After Pancreatectomy R. Anderson\*, E. Dunki-Jacobs, G.G. Callender, N. Burnett, K.M. McMasters, C.R. Scoggins, R.C. Martin, University of Louisville, Louisville, KY.

#### P257 The Extent of Radical Lymph Node Dissection Influences Survival of Patients with Melanoma

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L. Mascheroni, *Casa di Cura Pio X, Milano, Italy;* G. Giudice, *University of Bari, Bari, Italy.* 

#### P258 Nerve Integrity Monitoring (NIM) in Parotid Surgery: Increase of Quality for Patient and Training of Surgical Residents?

C. van Berlo\*, P. Nijhuis, *Surgery, VieCuri Medical Centre, Venlo, Netherlands.* 

## P259 An Analysis of Disparities in Surgical Oncology Trials for Lung Cancer

T. Ahmad\*, E. Song, G. Russell, M. Howard-McNatt, J.H. Stewart, *Wake Forest School of Medicine, Department* of Surgery, Winston-Salem, NC; R.A. Bell, Wake Forest School of Medicine, Maya Angelou Center for Health Equity, Winston-Salem, NC.

# P260 The Quality of our Quality Reporting: Metrics of Cancer Care Following Pancreatoduodenectomy J.B. Liu, R.E. Schwarz, G.C. Balch, A.C. Yopp, J.C. Mansour\*, Surgical Oncology, University of Texas Southwestern, Dallas, TX.

#### P261 Socio-Demographic Factors and Their Impact on the Number of Resections for Patients with Recurrent Glioblastoma

Y. Sia\*, K. Field, M. Rosenthal, K. Drummond, *The Royal Melbourne Hospital, Melbourne, Victoria, Australia.* 

# P262 Geographic Variability for Pancreatectomy in Patients with Stage I and II Pancreatic Adenocarcinoma: Low Resection Rates Predict Worse Outcome B. McDowell\*, J.R. Howe, E.A. Chrischilles, J.J. Mezhir, University of Iowa, Iowa City, IA.

P263 Demographic Risk Factors Impacting Quality Radiation Therapy Completion After Breast Conserving Surgery B.D. Powers\*, M.P. Daly, J.A. Montes, T. Lambert, A. Willis, Surgery, Temple University School of Medicine, Philadelphia, PA.

#### P264 Economic Evaluations in Surgical Oncology -A Systematic Review

S.S. Brar\*, F.A. Quereshy, *University of Toronto, Toronto, Ontario, Canada;* I. Datta, *University of Calgary, Calgary, Alberta, Canada.* 

#### P265 Surveillance After Curative-intent Treatment for Breast Carcinoma: The Effect of Initial Stage

T. Mishra, E.S. Allam, F.E. Johnson\*, *Saint Louis University Medical Center, St. Louis, MO;* J.A. Margenthaler, L. Chen, *Washington University Medical Center, St. Louis, MO;* K.S. Virgo, *American Cancer Society, Atlanta, GA.* 

## P266 Importance of Operative and Pathology Data Accuracy to Maximize Quality of Reporting in Stage II Resectable Pancreatic Cancer

B.C. Buder\*, K.S. Martin, M. Wayne, S.T. Brower, *Beth Israel Hospital NYC, New York, NY;* S.S. Reddy, *Fox Chase Cancer Center, Philadelphia, PA;* F. Attiyeh, *St. Luke's Roosevelt, New York, NY.* 

# P267 Breast Cancer in Patients with Schizophrenia: Compliance with Adjuvant Radiation Therapy L.M. Davies\*, K. Abdullah, R. Janardhan, M.C. Hwang, M. Farasatpour, F.E. Johnson, Saint Louis University Medical Center, Saint Louis, MO; J.A. Margenthaler, Washington University Medical Center, Saint Louis, MO; K.S. Virgo, American Cancer Society, Atlanta, GA.

# P268 Income Inequality Affects Treatment and Survival of Patients with Intrahepatic Cholangiocarcinoma - A Texas Cancer Registry Analysis

P. Kneuertz\*, L.S. Kao, T.C. Ko, C.J. Wray, *Department of Surgery, University of Texas Medical School at Houston, Houston, TX.* 

# P269 Radioactive lodine Overuse for Low Risk Micropapillary Thyroid Carcinoma A.W. Chae, A.D. Yang, S.R. Martinez\*, Surgery, University of California-Davis. Sacramento. CA.

## P270 Is There Benefit in Reducing Time from Diagnosis to Treatment for Patients with Newly Diagnosed Breast Cancer?

S. Misra\*, A. Poirier, J. Booker, D. Ottersen, M. King, S. Ray, *Surgical Oncology, Cancer Treatment Centers of America, Zion, IL.* 

## P271 Outpatient Mastectomy: Current Practice and Utilization Trends in California

L. Uyeno\*, L. Streja, S.L. Chen, C. Vito, J. Yim, L. Kruper, *City of Hope, Duarte, CA.* 

#### P272 Patient Surveillance After Breast Cancer Treatment: Variation Among Specialties

R. Parmeshwar, E.S. Allam, F.E. Johnson\*, *Saint Louis University Medical Center, St. Louis, MO;* L. Chen, J.A. Margenthaler, *Washington University Medical Center, St. Louis, MO;* K.S. Virgo, American Cancer Society, *Atlanta, GA.* 

## P273 Do Factors that Significantly Predict 1st Line Treatment also Predict 2nd Line Treatment for Elderly Metastatic Colon Cancer Patients?

Z. Zheng, E. Onukwugha, E. Reese, D. Mullins, *University of Maryland, School of Pharmacy, Department of Pharmaceutical Health Services Research, Baltimore, MD;* N. Hanna\*, *University of Maryland, School of Medicine, Department of Surgery, Division of General & Oncologic Surgery, Baltimore, MD;* B. Seal, *Bayer Healthcare Pharmaceuticals, Inc., Wayne, NJ.* 

#### P274 Teleconferencing For Breast Cancer Multidisciplinary Conference

P.F. McAuliffe\*, L. Hadzikadic Gusic, K.P. McGuire, A. Soran, E.J. Diego, M. Bonaventura, G.M. Ahrendt, R.R. Johnson, *Surgical Oncology, Magee-Womens Hospital of UPMC, Pittsburgh, PA;* S.L. Puhalla, B.C. Lembersky, *Medical Oncology, Magee-Womens Hospital of UPMC, Pittsburgh, PA;* D.V. Puleio, *UPMC Northwest, Pittsburgh, PA;* M.L. Spangler, W.A. Berg, *Radiology, Magee-Womens Hospital of UPMC, Pittsburgh, PA;* S. Beriwal, *Radiation Oncology, Magee-Womens Hospital of UPMC, Pittsburgh, PA;* R. Bhargava, *Pathology, Magee-Womens Hospital of UPMC, Pittsburgh, PA;* M.L. Gimbel, *Plastic and Reconstructive Surgery, Magee-Womens Hospital of UPMC, Pittsburgh, PA;* S.L. Goldstein, *UPMC St. Margaret, Pittsburgh, PA;* G.S. Engel, *UPMC Hamot, Erie, PA.* 

#### SARCOMA

# P275 A Contemporary Large Single Institution Evaluation of Retroperitoneal Sarcoma Treatment: Have We Managed to Move Past the Scalpel Yet?

P. Bremjit\*, R.L. Jones, D.R. Byrd, G. Kane, X. Chai, E. Rodler, E. Loggers, S. Pollack, S. Gagnet, O. Kolokythas, J. White, B. Hoch, V.G. Pillarisetty, G.N. Mann, *University of Washington, Seattle, WA.* 

## P276 Intra-Abdominal Metastatic Soft Tissue Sarcoma: Who May Benefit from Debulking Surgery?

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#### P277 Patients with Recurrent Retroperitoneal Sarcomas Benefit from Aggressive Surgical Resections

A. Guzzetta\*, C.M. Hooker, K. Ibrahim, E.E. Pappou, P. Dave, C. Wolfgang, T. Pawlik, E.A. Montgomery, N. Ahuja, *Johns Hopkins University, Baltimore, MD.* 

P278 Superficial Soft Tissue Sarcomas – Homogenous Good Outcome in a Heterogeneous Group of Tumors S.S. Sanghera\*, V. Francescutti, A. Miller, J.J. Skitzki, J.M. Kane, Surgical Oncology, Roswell Park Cancer Institute, Buffalo, NY; R.A. Burke, Naval Medical Center, Portsmouth, VA.

### P279 A Proposal for a New Staging System for Extremity Soft Tissue Sarcomas

R.A. Salcedo-Hernandez\*, L.S. Lino-Silva, D. Cantú de León, H. Martínez-Said, A. Padilla-Rosciano, Á. Herrera-Gómez, A. Meneses-García, M. Cuellar-Hubbe, Surgical Oncology, Instituto Nacional de Cancerología de México. Mexico. Mexico.

### P280 Amputation for Extremity Sarcoma: Indications and Outcomes in the Modern Era

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P281 Cutaneous Angiosarcoma: A Single Institution Review M.C. Perez\*, T.A. Padhya, J.L. Messina, R.J. Gonzalez, M.M. Bui, G. Letson, C. Cruse, R.S. Lavey, M.R. Forster, V.K. Sondak, J.S. Zager, Moffitt Cancer Center, Tampa, FL.

- P282 Cutaneous Kaposi Sarcoma Correlated with HHV-8 Virus KSHV Infection Treated with Electrochemotherapy: A Single Institution Experience
  - C. Caracò\*, G. Di Monta, U. Marone, L. Benedetto, F. Buonaguro, M. Tornesello, N. Mozzillo, National Cancer Institute, Naples, Italy.
- P283 Mesh Reconstruction of the Pelvis Following
  Internal Hemipelvectomy for Soft Tissue Sarcomas or
  Osseous Lesions of the Innominate Bone: Long Term
  Functional and Oncologic Outcomes in Thirty Patients
  N. Bloom\*, S.S. Reddy, Beth Israel Medical Center, New
  York, NY.

#### **UPPER GASTROINTESTINAL CANCER**

- P284 The Natural History of Pre-Operative Indeterminate Pulmonary Nodules in Patients with Resectable Pancreatic Adenocarcinoma
  - D.C. Nguyen\*, S. Chang, Z. Gongfu, A. Wang-Gillam, D.C. Linehan, W.G. Hawkins, S.M. Strasberg, C. Menias, C. Raptis, R.C. Fields, Bames-Jewish Hospital and the Alvin J. Siteman Cancer Center, Washington University, St Louis School of Medicine, St Louis, MO.
- P285 Is it as Safe and Easy as We Think? A Significant Opportunity to Improve Operative Mortality After Gastrectomy

R.T. Williams\*, M. Posner, *Surgery, University of Chicago, Chicago, IL;* B.E. Palis, K. Mallin, A. Stewart, R.P. Merkow, *American College of Surgeons, Chicago, IL;* M.S. Talamonti, D.P. Winchester, *NorthShore University HealthSystem, Evanston, IL.* 

- P286 Robotic Assisted Ivor Lewis Esophagectomy With or Without Neoadjuvant Chemoradiation Therapy for Esophageal Cancer
  - F. Smith\*, K. Almhanna, S. Hoffe, R. Shridhar, R. Karl, K. Meredith, *H Lee Moffitt Cancer Center, Tampa, FL.*
- P287 Inpatient Mortality After Pancreaticoduodenectomy for Cancer Decreases in the Latter Half of the Academic Year
  - E.S. Glazer\*, A. Amini, T. Jie, R.W. Gruessner, R.S. Krouse, E.S. Ong, *The University of Arizona, Tucson, AZ.*
- P288 Withdrawn

#### P289 A Novel TNM Staging System for Pancreatic Neuroendocrine Tumors Outperforms the Current AJCC Staging System

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- P290 The Lactate Receptor, GPR81, is Critical for Pancreatic Cancer Cell Survival in the Tumor Microenvironment C.L. Roland\*, T. Arumugam, D. Deng, V. Ramachandran, S. Liu, Z. Cruz-Monserrate, C. Logsdon, MD Anderson Cancer Center, Houston, TX.
- P291 Hybrid Endoscopic and Laparoscopic Resection of Metastatic Renal Cell Carcinoma to the Gastric Mucosa F.G. Rocha\*, C. Williams, A. Ross, *Surgery, Virginia Mason Medical Center, Seattle, WA*.
- P292 Circulating Tumor Cells as a Possible Marker for Micrometastatic Disease in Patients with Localized Pancreatic Cancer

R.D. Aufforth\*, H.J. Kim, J. Yeh, *University of North Carolina School of Medicine, Division of Surgical Oncology and Endocrine Surgery, Chapel Hill, NC;* J.J. Baker, *Maine Medical Center, Portland, ME;* M.A. Witek, J.W. Kamande, S.A. Soper, *University of North Carolina Department of Biomedical Engineering, Chapel Hill, NC;* P. Kuan, *University of North Carolina Gillings School of Global Public Health, Chapel Hill, NC.* 

P293 Monocyte Prevalence Predicts Survival in Pancreas Cancer

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- P294 FAK-VEGFR3 Signaling is a Promising Target for the Development of Novel Therapeutics in Gastric Cancer E.V. Kurenova, J. Liao, T.A. Platz, W. Cance, S.S. Sanghera\*, Surgical Oncology, Roswell Park Cancer Institute, Buffalo, NY.
- P295 Outcomes of Pancreaticoduodenectomy in Octogenarians, an ACS-NSQIP Analysis
  D.Y. Lee\*, J.A. Schwartz, D. Kirchoff, B.A. Wexelman,
  C.K. Yang, F. Attiyeh, Surgery, St. Luke's Roosevelt Hospital
  Center, New York, NY.

#### P296 Different Recurrence Pattern After Neoadjuvant Chemoradiotherapy Compared to Surgery Alone in Esophageal Cancer Patients

J.K. Smit\*, S. Guler, J.C. Beukema, V.E. Mul, J.G. Burgerhof, G.A. Hospers, J.T. Plukker, *University of Groningen, University Medical Center, Departments of Surgical Oncology, Radiation Oncology, Medical Oncology and Epidemiology, Groningen, Netherlands.* 

# P297 Duodenal and Ampullary Carcinoid Tumors: Size Predicts Necessity for Lymphadenectomy E. Dogeas\*, I. Hatzaras, J.L. Cameron, C. Wolfgang, K. Hirose, R.H. Hruban, M.A. Makary, T. Pawlik, M.A. Choti, Surgery, Johns Hopkins School of Medicine, Baltimore, MD.

#### P298 Minimal Differences in Biomarker Profiling of Resected Pancreatic Adenocarcinoma Between Patients Receiving Neoadjuvant Therapy and Those Treated with Surgery First

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# P299 Preoperative Bowel Preparation for Pancreaticoduodenectomy: Is it Necessary? T.E. Newhook\*, J.M. Lindberg, R.B. Adams, T.W. Bauer, Department of Surgery, University of Virginia, Charlottesville, VA.

P300 Morbidity and Mortality of Pancreaticoduodenectomy After Preoperative Radiation Therapy: A NSQIP Analysis C.D. Tzeng\*, J.E. Lee, M.H. Katz, P.W. Pisters, J.B. Fleming, J. Vauthey, T.A. Aloia, *The University of Texas MD Anderson* Cancer Center, Houston, TX.

#### P301 Clinical Significance of PICT1/GLTSCR2 Expression in Gastric Cancer

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### P302 Kinesin 18A Expression Clinical Relevance to Gastric Cancer

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#### P303 Warfarin Blocks Gas6-mediated AXL Activation Required for Pancreatic Tumor EMT and Metastasis A.R. Kirane\*, M.T. Dellinger, J.E. Toombs, R.E. Schwarz, R.A. Brekken, *UTSW*, *Dallas*, *TX*; J.B. Lorens, *University of Bergen, Bergen, Norway*.

#### P304 Pancreatic Intraepithelial Neoplasia in Non-Adenocarcinoma Pancreatic Tumors: What is its Clinical Significance?

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#### P305 Patterns of Recurrence and Outcomes in Pancreatic Cancer

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#### P306 D2 Lymphadenectomy and Ex Vivo Dissection into Node Stations for Gastric Adenocarcinoma Ensures Optimal Staging

B. Schmidt\*, K.K. Chang, U.N. Maduekwe, N. Look-Hong, D.W. Rattner, G.Y. Lauwers, J.T. Mullen, S.S. Yoon, *Surgical Oncology, Massachusetts General Hospital, Boston, MA;* H. Yang, *Seoul National University Hospital, Seoul, Republic of Korea.* 

#### P307 Pathologic Stage After Neoadjuvant Therapy for Esophageal Cancer is More Predictive of Survival than Initial Clinical Stage

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## P308 Differential HER2 Expression in Resected Gastric Cancer: Is There Prognostic Value?

S.B. Fisher\*, M.H. Squires, S.H. Patel, D. Kooby, C.A. Staley, S.K. Maithel, *Division of Surgical Oncology, Winship Cancer Institute, Emory University, Atlanta, GA;* K.E. Fisher, A.B. Farris, *Department of Pathology, Emory University, Atlanta, GA.* 

P309 Trametinib in Combination with Panitumumab and Trastuzumab Inhibits Tumor Growth in an Orthotopic Xenograft Model of Human Pancreatic Cancer J.M. Lindberg\*, S.J. Adair, T.E. Newhook, A. Kim, J. Parsons, T.W. Bauer, Surgery, University of Virginia, Charlottesville, VA.

#### P310 Interleukin-1 as a Mediator of Angiogenesis in Pancreatic Adenocarcinoma

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## P311 Current Utilization of Endoscopic Resection and Risk of Lymph Node Metastases for Early Gastric Cancer in the U.S.A.

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# P312 Intraoperative Fluid Administration Rate Correlates with Perioperative Outcomes in Patients Undergoing Pancreaticoduodenectomy

O.S. Eng\*, D. Moore, C. Chen, D. August, D.R. Carpizo, *UMDNJ-Robert Wood Johnson Medical School, New Brunswick, NJ;* J. Goswami, University of Pittsburgh Medical Center, Pittsburgh, PA; C. Gannon, Capital Health Management, Pennington, NJ.

### P313 Trends in the Surgical Treatment of Gastric Adenocarcinoma

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#### P314 Superior Antitumor Activity of Nanoparticle Albumin-Bound Paclitaxel in Experimental Gastric Cancer

C. Zhang\*, K.T. Ostapoff, N. Awasthi, M.A. Schwarz, R.E. Schwarz, *The University of Texas Southwestern Medical Center, Dallas, TX.* 

- P315 Pancreaticoduodenectomy Multivisceral Resection Adds Morbidity: A NSQIP Analysis N. Bhayani\*, E.T. Kimchi, J. Kaifi, K.F. Staveley-O'Carroll, N.J. Gusani, *Penn State Hershey Medical Center, Hershey, PA*.
- P316 Effect of Body Mass Index in Patients Undergoing Resection for Gastric Cancer: A Single Center U.S. Experience

J. Wong\*, S. Rahman, N. Saeed, H. Lin, K. Almhanna, R. Shridhar, S. Hoffe, K. Meredith, *Surgery, Moffitt Cancer Center, Tampa, FL.* 

P317 Impact of Neoadjuvant Chemoradiotherapy on Postoperative Course After Curative Intended Transthoracic Esophagectomy in Esophageal Cancer Patients

D. Bosch\*, C.T. Muijs, G.A. Hospers, V.E. Mul, J.T. Plukker, *University Medical Centre Groningen, Groningen, Netherlands.* 

P318 Clinicopathological and Prognostic Significance of Fibroblast Growth Factor Receptor 1, 2, and 4 in Gastric Cancer

H. Murase\*, M. Inokuchi, H. Sugita, K. Kato, K. Sugihara, Department of Surgical Oncology, Tokyo Medical and Dental University, Tokyo, Japan; K. Kojima, Department of Minimum Invasive Surgery, Tokyo Medical and Dental University, Tokyo, Japan.

- P319 Neoadjuvant Chemoradiation in Patients Undergoing Pancreaticoduodenectomy: Do the Ends Justify the Means?
  - J.M. Hanna\*, K. Penne, K. Rialon, M. Bashir, D.G. Blazer, III, B. Clary, R. White, T. Pappas, D.S. Tyler, *Department of General Surgery, Duke University Medical Center, Durham, NC.*
- P320 Differential Expression and Prognostic Value of ERCC1 and Thymidylate Synthase in Resected Gastric Adenocarcinoma

M.H. Squires\*, S.B. Fisher, S.H. Patel, D. Kooby, C.A. Staley, S.K. Maithel, *Division of Surgical Oncology, Winship Cancer Institute, Emory University, Atlanta, GA;* K.E. Fisher, A.B. Farris, *Department of Pathology, Emory University, Atlanta, GA.* 

- P321 Cardioesophageal and Esophageal Cancer:
  Optimization of Management
  - O. Kshivets\*, *Surgery, Kachkanar Hospital, Kachkanar, Russian Federation.*
- P322 Results of Positron Emission Tomography in
  Pancreatic Cancer: Routine Use is Not Justified
  A.R. Bhama\*, B.E. Johnson, Y. Menda, J.R. Howe, S.K.
  Bhatia, J.J. Mezhir, Surgery, University of Iowa, Iowa City, IA.

#### P323 Aggressive Locoregional Management of Gastric Peritoneal Carcinomatosis

D. Magge\*, A. Mavanur, J.F. Pingpank, M.P. Holtzman, A.H. Zureikat, L. Ramalingam, H.L. Jones, K.K. Lee, H.J. Zeh, D.L. Bartlett, H.A. Choudry, *University of Pittsburgh Medical Center, Pittsburgh, PA*.

#### P324 Impact of Neoadjuvant Chemoradiotherapy on Postoperative Course After Curative Intended Transthoracic Esophagectomy in Esophageal Cancer Patients

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#### P325 Predictors for Readmission After Pancreatic Resection for Malignancy

N.A. Newman\*, P.A. Trottman, S.S. Wentworth, S.M. Winters, E. Levine, P. Shen, *Wake Forest University Department of Surgical Oncology, Winston-Salem, NC;* J.T. Lucas, Jr., D.A. Peacock, *Wake Forest University Department of Radiation Oncology, Winston-Salem, NC.* 

# P326 Comparative Benefits of Nab-Paclitaxel over Gemcitabine or Polysorbate-based Docetaxel in Experimental Pancreatic Cancer N. Awasthi\*, K.T. Ostapoff, C. Zhang, M.A. Schwarz,

N. Awastni<sup>°</sup>, K. I. Ostapott, C. Zhang, M.A. Schwarz, R.E. Schwarz, *Surgery, University of Texas Southwestem Medical Center, Dallas, TX.* 

# P327 Prognostic Value of Response to Neoadjuvant Therapy in Patients with Stage II and III Esophageal Cancer C. Rosati\*, Department of General Surgery, University of Pisa, Pisa, Italy; V.P. Koshenkov, A.T. Prescott, M.E. Freiser, J.L. Sparling, D. Franceschi, Department of Surgery, Jackson Memorial Hospital/University of Miami, Miami, FL; T. Koru-Sengul, Department of Epidemiology and Public Health, University of Miami, Miami, FL.

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#### **INDUSTRY SATELLITE SYMPOSIUM**

Novel Therapeutic Approaches for Stage III and Stage IV Melanoma

6:30 - 8:00 am, Thursday, March 7

Potomac D, Ballroom Level

Breakfast Provided

Presented by: Potomac Center for Medical Education

This complimentary symposium is supported by Merck & Co., Inc. and offers CME Credit. Attendees will be able to use on-site provided iPads in the session to answer questions for MOC Part II Self-assessment.

#### **INDUSTRY FORUMS**

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## RATIONALE FOR ONCOLYTIC IMMUNOTHERAPY

7:00 - 8:00 am, Thursday, March 7 *Potomac C* 

Breakfast Provided

Presenter: Robert Andtbacka, MD



Oncolytic Immunotherapy (O.I.)

#### I. RATIONALE FOR ONCOLYTIC IMMUNOTHERAPY

- Gene therapy
- Historical basis for oncolytic immunotherapy
- Engineering viruses using recombinant DNA technology

#### II. ONCOLYTIC IMMUNOTHERAPY

- Overview of the normal immune response to infectious agents
- Overview of oncolytic immunotherapy
- Viral induction of tumor cell lysis
- Transgene expression can potentially enhance the antitumor efficacy of oncolytic viruses



Genomic Health, Inc.

# THE PRESENT AND FUTURE OF GENOMICS IN THE MANAGEMENT OF BREAST, COLON AND PROSTATE CANCER

12:15 - 1:15 pm, Thursday, March 7 *Potomac C* 

Lunch Provided

Presenter: Michael Alvarado, MD
Associate Professor, Department of Surgery, UCSF
Director, Breast Surgery Oncology Fellowship
University of California San Francisco

#### **Executive Summary:**

This didactic course will provide a brief introduction of the role of genomic profiling in cancer for breast, colon, melanoma and prostate. The presentation will describe recent advances in the management of breast and colon cancer with the use of genomic profiling and conclude with cases study examples.

#### **Fthicon**

LAPAROSCOPIC SURGICAL
APPROACHES AND USE OF ADVANCED
ENERGY IN PANCREATIC
AND ESOPHAGOGASTRIC CANCERS

Not for

Credit

12:15 - 1:15 pm, Thursday, March 7 *Potomac D* 

Lunch Provided

Presenter: Robert C. G. Martin, II, MD, PhD
Sam and Lolita Weakley Endowed Chair in Surgical Oncology
Director, Upper GI and HPB Multi-Disciplinary Clinic
Academic Advisory Dean, Professor of Surgery
University of Louisville, Louisville, KY

#### **Executive Summary:**

The use of laparoscopy in many surgical oncology procedures is very common. In order to continue to encourage adoption and foster innovation, we must expand our use of emerging technologies that enable surgical oncologists to perform oncologically sound operations in ways that maximize patient benefits. This presentation will highlight how technology can be used to perform oncologic operations in a minimally invasive manner. Highlighted technologies will include advanced bipolar devices and minimally invasive access systems.

## HANDS-ON PRODUCT DEMONSTRATIONS

**Dune Medical Devices** 

## INTRAOPERATIVE MARGIN ASSESSMENT WITH THE MARGINPROBE® SYSTEMS

11:50 am - 12:45 pm, Friday, March 8

Prince George Exhibit Hall AB

Lunch provided

Presenter: Mark A. Gittleman, MD

Medical Director

Breast Care Specialists at Coordinated Health Network

Allentown, PA

A brief review of current evidence and controversies in lumpectomy margins, a discussion of the MarginProbe® Pivotal Study, and hands' on experience with this new device for Intraoperative Margin Assessment.

#### Ethicon

# ADVANCED ENERGY SURGICAL DEVICES IN LAPAROSCOPIC DISTAL PANCREATECTOMY

11:50 am - 12:45 pm, Friday, March 8 Lunch provided

Presenter: Ponnandai Somasundar, MD
Assistant Chief, Surgical Oncology
Director, Geriatric Oncology Program
Assistant Professor of Surgery, Boston University

The hands-on workshop will include a didactic presentation on advanced lap techniques for surgical oncology procedures and two hands-on stations with new technology from Ethicon. Each station will provide inanimate models for hands-on applications with both energy-based devices and stapling devices. Technical staff will also be available at each station.

#### COMPLIMENTARY BOX LUNCHES

11:45 am - 12:45 pm, Friday, March 8 12:30 - 1:30 pm, Saturday, March 9

Exhibit Hall (Prince George A/B)



#### Exhibit Hall Prince George A/B Exhibit Hall

Hours: Thursday, March 7 6:00 - 7:30 pm Friday, March 8 9:30 am - 4:30 pm

Saturday, March 9 9:30 am - 1:30 pm

Booth: 211

As of January 30, 2013:

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Booth: 618

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Rooth: 702

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Booth: 515

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Booth: 302

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Booth: 507

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**Booth: 513** 

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Booth: 400

**Booth: 710** 

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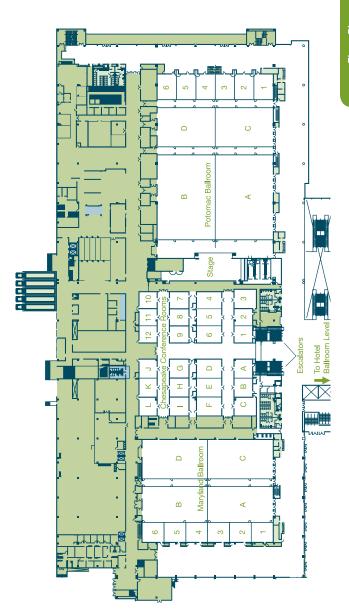
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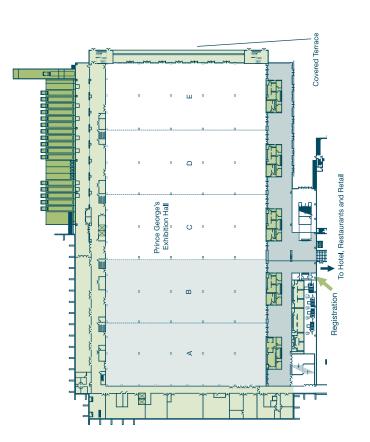
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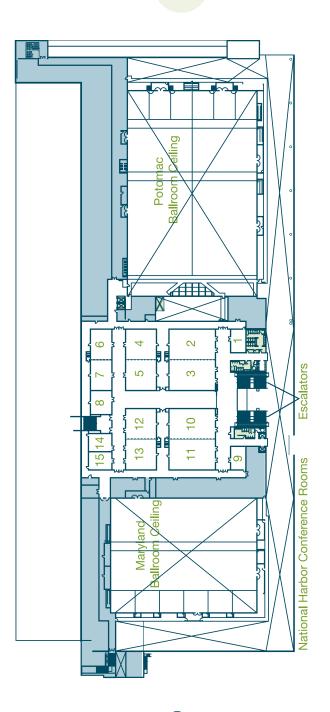
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