

University of Pittsburgh/RSNA 2017
103rd Scientific Assembly and Annual Meeting

Saturday, November 25

2:15 PM Educational Course
Wendie A. Berg, MD, PhD
SPPH02A: Ultrasound Breast Imaging
Location: E351

Sunday, November 26

10:45 AM Scientific Paper
Jules H. Sumkin, DO
SSA02-09: **Comparison of MRI, CEM and MBI for Staging Breast Cancer in Women with a Newly Diagnosed Breast Cancer**
Author List: **Jules H. Sumkin, DO | Wendie A. Berg, MD, PhD | Golbahar Houshmand, MD | Denise M. Chough, MD | Christiane M. Hakim, MD | Margarita L. Zuley, MD | Marie A. Ganott, MD | Amy E. Kelly, MD | Maria L. Anello, DO**
Location: N227B

10:55 AM Scientific Paper
Hersh Sagreiya, MD
SSA08-02: Liver Imaging Reporting and Data System (LI-RADS) v2014: Diagnostic Value of Ancillary Features on MR Imaging
Author List: Hersh Sagreiya, MD | Negar Iranpour, MD | **Amir Borhani, MD** | Roberto Cannella, MD | **Alessandro Furlan, MD**
Location: E450A

11:35 AM Scientific Paper
Rohit Dewan, DO
SSA07-06: Quantitative CT-Derived Texture Analysis: A Novel Imaging Biomarker for Assessment and Predication of Response to Neoadjuvant Chemotherapy in Patient with Stage I/II Pancreatic Ductal Adenocarcinoma (PanCA)
Author List: **Rohit Dewan, DO** | Jennifer Miller-Ocuin, MD | **Alessandro Furlan, MD** | **Robert Petrocelli, MD** | Herbert J. Zeh, MD | **Mitchell E. Tublin, MD** | **Amir Borhani, MD**
Location: E353A

12:05 PM Scientific Paper
Alex El-Ali, MD
SSA17-09: Diffusion Weighted Imaging of Intracranial Hemangiopericytomas
Author List: **Alex El-Ali, MD** | Andrew R. Thomas, MD | Ronald Hamilton, MD | Christopher G. Filippi, MD | **Vikas Agarwal, MD**
Location: N228

12:05 PM

Scientific Paper

Feng Zhang, MD

SSA07-09: Quantitative CT-Derived Texture Analysis: A Novel Imaging Biomarker for Predicting Tumor Aggressiveness in Pancreatic Neuroendocrine Neoplasm (PanNET)

Author List: Feng Zhang, MD | **Anil K. Dasyam, MD** | **Jonathan McGovern, MD** | **Alessandro Furlan, MD** | **Mitchell E. Tublin, MD** | **Amir Borhani, MD**

Location: E353A

Monday, November 27

9:40 PM

Scientific Paper

Aly A. Mohamed, PhD

RC215-06: Identifying Mammographic Imaging Biomarkers of Breast Cancer Risk: Beyond Breast Density and Textures

Author List: **Aly A. Mohamed, PhD** | **Wendie A. Berg, MD, PhD** | Brenda F. Kurland, PhD | **Jules H. Sumkin, DO** | **Margarita L. Zuley, MD** | Yahong Luo, | Rachel Jankowitz, MD | **Shandong Wu, PhD, MSc**

Location: Arie Crown Theater

10:30 AM

Moderator

Mitchell E. Tublin, MD

SSC06: Genitourinary (Renal Mass Imaging)

Location: N230B

12:15 PM

Science Poster

Anish Ghodadra, MD

IN207-SD-MOA1: Low-Cost, High-Precision 3D Printed Models for Surgical Simulation in Lateral Skull Base Surgery

Author List: **Anish Ghodadra, MD** | **Monika Freiser, MD** | Andrew McCall, MD

Location: IN Community, Learning Center

12:45 PM

Educational Course

Margarita L. Zuley, MD

BR228-SD-MOB2: Linkage of the American College of Radiology (ACR) National Mammography Database (NMD) to the National Network of Required State Cancer Registries; Proof of Concept Trial

Author List: **Margarita L. Zuley, MD** | **Robert M. Nishikawa, PhD** | Edward A. Sickles, MD | Elizabeth S. Burnside, MD, MPH | Robert D. Rosenberg, MD | Cindy S. Lee, MD | Debapriya Sengupta, MBBS,MPH | **Wendie A. Berg, MD, PhD** | Jennifer A. Harvey, MD | Jessica W. Leung, MD | Richard L. Ellis, MD | Bhavika K. Patel, MD | **David Gur, PhD**

Location: BR Community, Learning Center

1:30 PM

Educational Course

Diane C. Strollo, MD

MSCT21B: Diffuse Lung Disorders

Location: S100AB

3:00 PM

Moderator

Wendie A. Berg, MD, PhD

SSE01: Breast Imaging (Ultrasound Screening)

Location: Arie Crown Theater

3:10 PM

Scientific Paper

Denise M. Chough, MD

SSE01-02 A Prospective Study of Automated Breast Ultrasound (ABUS) in a DBT Based Screening Practice of Women with Dense Breasts

Author List: **Denise M. Chough, MD | David Gur, PhD | Grace Y. Rathfon, MD |**

Amy H. Lu, MD | Terri-Ann Gizienski | Christiane M. Hakim, MD | Marie A. Ganott, MD | Wendie A. Berg, MD, PhD

Location: Arie Crown Theater

3:20 PM

Scientific Paper

Alessandro Furlan, MD

SSE08-03: Evaluation of 2-D Ultrasound Shear Wave Elastography, Magnetic Resonance Elastography and Transient Elastography for the Non-Invasive Diagnosis of Advanced Fibrosis in Patients with Nonalcoholic Fatty Liver Disease: Preliminary Results

Author List: **Alessandro Furlan, MD | Mitchell E. Tublin, MD | Lan Yu, PhD | Mike Clark**

Amir Borhani, MD | Matthew T. Heller, MD | Jaideep Behari, MD

Location: E352

3:20 PM

Scientific Paper

Si Young Jang, PhD

SSE22-03: RTOG3507: A Multi-Institutional Planning Comparison Study to Determine the Feasibility of a Randomized Study of Pembrolizumab Plus Stereotactic Re-Irradiation versus SBRT Alone for Locoregionally Recurrent or Second Primary Head and Neck Cancer

Author List: Saiful Huq, PhD | Si Young Jang, PHD

Location: S403B

3:50 PM

Scientific Paper

Wendie A. Berg, MD, PhD

SSE01-06: Recall Rates for Technologist-Performed Screening Ultrasound Compared to DBTs and Influence of Double Reading

Author List: **Wendie A. Berg, MD, PhD | David Gur, PhD | Andriy I. Bandos, PhD | Denise**

M. Chough, MD | Marie A. Ganott, MD | Marcela Bohm-Velez, MD | Christiane M.

Hakim, MD | Terri-Ann Gizienski | Cathy S. Tyma, MD | Brandy Griffith, DO | Joe M.

Chan, MD | Margarita L. Zuley, MD | Danielle Sharek, MD | Ernestine A. Thomas, MD

Thomas S. Chang, MD

Location: Arie Crown Theater

Tuesday, November 28

8:30 AM

Educational Course

Michael P. Yannes, MD

MSES31C: Radiology for Poor and Developing Countries: Past, Present and Future

Location: S100AB

10:30 AM

Moderator

Robert M. Nishikawa, PhD

SSG13: Physics (CAD and Machine Learning)

Location: S404AB

6:30 -8:30 PM

ALUMNI RECEPTION

Park Hyatt – Art Gallery

Wednesday, November 29

10:40 AM

Scientific Paper

Anil K. Vasireddi, BS

SSK16-02: Multi-Regional Volumetric Patterns are Associated with Post-Surgical Outcomes in Patients with Medically Refractory Temporal Lobe Epilepsy

Author List: **Anil K. Vasireddi, BS** | R. Mark Richardson, MD, PhD |

Joseph M. Mettenburg, MD

Location: N229

11:00 AM

Scientific Paper

Balasubramanya Rangaswamy, MD

RC508-09: MRI as the First Line Imaging Study for Suspected Appendicitis in Pregnancy

Author List: Brandon Andrew, MD | **Christiane M. Hakim, MD** | Bestoun Ahmed, MD | Jason Chang, MD | William Gourash, RN | **Balasubramanya Rangaswamy, MD**

Location: S405AB

11:30 AM

Scientific Paper

Walter Schneider, PhD

SSK17-07: MRI Quantitative Quality Control and Calibrated Measurement with DTI and Reference Fluid Phantom Novel Phantom for Quantitate Assessment of DTI Inters Canner Variability

Author List: **Walter Schneider, PhD** | James M. Provenzale, MD | Michael Boss, PhD | Elisabeth Wilde, PhD | Brian A. Taylor, PhD

Location: S404AB

11:50 AM

Scientific Paper

Sarah S. Aboutalib, PhD

SSK02-09: Automatic Identification of Nuanced Imaging Features in Recalled but Biopsy Benign Mammogram Images

Author List: Sarah S. Aboutalib, PhD | **Aly A. Mohamed, PhD** | **Wendie A. Berg, MD, PhD** | **David Gur, PhD** | Brenda F. Kurland, PhD | **Margarita L. Zuley, MD** | **Jules H. Sumkin, DO** | Hong Peng, MD | Rachel Jankowitz, MD | **Shandong Wu, PhD, MSc**

Location: E451A

12:45 PM

Science Poster

Balasubramanya Rangaswamy, MD

ER230-SD-WEB1: MRI as the First Line Imaging Study for Suspected Appendicitis in Pregnancy

Location: ER Community, Learning Center

1:30 PM

Educational Course

Vikas Agarwal, MD

MSES43A: Percutaneous Image-guided Spine Interventions

Location: S100AB

Thursday, November 30

8:30 AM

Educational Course

Barton F. Branstetter IV, MD

RC606C: Head and Neck Imaging Pearls

Location: E450A

10:30 AM

Educational Course

Amir Borhani, MD

MSES52D: Imaging Non-alcoholic Fatty Liver Disease: Fat, Fibrosis, Inflammation

Location: S406B

Friday, December 1

11:50 AM

Scientific Paper

Aly A. Mohamed, PhD

SST01-09: Quantitative Assessment of Breast DCE-MRI BPE and Mammographic Breast Density Changes over Time

Author List: **Aly A. Mohamed, PhD** | Brenda F. Kurland, PhD | **Wendie A. Berg, MD, PhD** | Daniel Normolle, PhD | Rachel Jankowitz, MD | **Margarita L. Zuley, MD** | **David Gur, PhD** | **Jules H. Sumkin, DO** | **Shandong Wu, PhD, MSc**

Location: E450B

Education Exhibits:

Education Exhibit

Iclal Ocak, MD

CH141-ED-X: Pulmonary Manifestation of the Collagen Vascular Disorder

Author List: **Iclal Ocak, MD** | Diane C. Stollo, MD | Kristen Veraldi

Education Exhibit

Alexandra Roudenko, MD

GI112-ED-X: LI-RADS Radiology-Pathology Working Group: Building a Bridge Towards Standardized Terminology

Author List: Alexandra Roudenko, MD | **Alessandro Furlan, MD** | Ian Wanless | Alexander C. Kagen, MD | Kathryn J. Fowler, MD | Neil Theise, MD | Roberto Cannella, MD | Valerie Paradis, MD | Marco Dioguardi Burgio, MD | Marta Ida Minervini, MD | Valerie Vilgrain, MD | Claude B. Sirlin, MD

Education Exhibit

Cynthia A. Britton, MD

MK179-ED-X: Imaging Strategies for Evaluation of Musculoskeletal Sarcoidosis

Author List: Carolyn Kwon, MD | **Vikas Agarwal, MD** | **Cynthia A. Britton, MD**

Education Exhibit

Robert J. Freed, MD

NR160-ED-X: Post-thyroidectomy Surveillance Ultrasound of Thyroid Cancer: Review of Anatomy, Thyroidectomy Variants, Tumor Recurrence and Pitfalls

Author List: **Robert J. Freed, MD** | Kimberly A. Smith, MD | **Anil K. Dasyam, MD** | **Mitchell E. Tublin, MD** | **Biatta Sholosh, MD**