

SCIENTIFIC PROGRAM

* Denotes Resident/Fellow Research Award Competition Paper

Sunday, April 18th

11:00am - 1:00pm

Workshop: The Molecular Markers of Thyroid Cancer, Conference Center A

The field of molecular markers in thyroid cancer is new, complex, and may soon change the practice of thyroid surgery. In this workshop, a panel of AAES experts will cover not only basic “Molecular Markers 101” but also will inform the savvy of new data in the field. Our featured speaker Dr. Yuri E. Nikiforov is a world expert in molecular pathology.

Presenters:

- Yuri E. Nikiforov Overview of Markers, FNA Panel
- Thomas J. Fahey LOH, DNA Expression Arrays
- Electron Kebebew CDNA, Multigene Arrays, BRAF Spectrum
- Sareh Parangi BRAF Animal Models
- Mira M. Milas Utility of TSHR mRNA
- Martha A. Zeiger Telomerase, Splice Variant Patterns, Pitfalls
- Linwah Yip Use of BRAF & RAS in Extent of Surgery
Panel Discussion & Recommendations

1:00pm - 3:00pm

Interesting Case Presentations, Grand Ballroom

Moderator: Jeffrey E. Lee, MD

3:00pm - 3:15pm

Opening Session, Grand Ballroom

- **Welcome: David. L. Bartlett, MD**, University of Pittsburgh Medical Center
- **Opening & In Memoriam: Janice L. Pasiaka, MD** – AAES President

3:15pm - 4:30pm

Scientific Session I: Papers #1-5

Moderator: Janice L. Pasiaka, MD

3:15pm - 3:30pm

*1. ADRENOCORTICAL CARCINOMA: THE INFLUENCE OF LARGE VESSEL EXTENSION

Harma Turbendian MD, Vivian Strong MD, Meier Hsu MS, Ronald Ghossein MD, Thomas J Fahey III MD

New York Presbyterian Hospital - Weill Cornell, Memorial Sloan Kettering Cancer Center

SCIENTIFIC PROGRAM CONT.

3:30pm - 3:45pm

*2. RESIDENT/FELLOW ASSISTANCE IN THE OPERATING ROOM DURING THE ERA OF FELLOWSHIPS

Melanie Goldfarb, Richard A. Hodin, Sareh Parangi
Beth Israel Deaconess, Massachusetts General Hospital

3:45pm - 4:00pm

*3. TRAINING OUR FUTURE ENDOCRINE SURGEONS: A LOOK AT THE ENDOCRINE SURGERY OPERATIVE EXPERIENCE OF U.S. SURGICAL RESIDENTS

Barbara Zarebczan, Victoria Rajamanickam, Glen Levenson, Herbert Chen, and Rebecca S Sippel
University of Wisconsin

4:00pm - 4:15pm

*4. PET-CT SCANS IN RECURRENT OR PERSISTENT DIFFERENTIATED THYROID CANCER - IS THERE ADDED UTILITY BEYOND CONVENTIONAL IMAGING

Tricia Fairchild, Yusuf Menda, James R. Howe, Ronald J. Weigel, Sonia L. Sugg, Geeta Lal
University of Iowa, Department of Surgery and Radiology

4:15pm - 4:30pm

5. AN ECONOMIC COMPARISON OF SURGICAL AND PHARMACEUTICAL THERAPY IN PATIENTS WITH SECONDARY HYPERPARATHYROIDISM IN GERMANY

Ralph Schneider, Georgios Kolios, Emilio Dominguez-Fernandez, Benjamin M. Koch, Detlef K. Bartsch, Katja Schlosser
Philipps University Marburg

4:30pm - 5:00pm

Coffee Break & Poster Viewing

5:00pm - 6:00pm

Scientific Session II: Papers #6-9

Moderator: Michael Bouvet, MD

5:00pm - 5:15pm

*6. ROUTINE CENTRAL LYMPH NODE DISSECTION FOR PAPILLARY THYROID CANCER

David T. Hughes, Matthew L. White, Paul G. Gauger, Barbra S. Miller, Richard E. Burney, and Gerard M. Doherty
University of Michigan

5:15pm - 5:30pm

*7. COMORBIDITY-RELATED MEDICATION DISCONTINUATION AFTER PARATHYROIDECTOMY

Adrienne L. Melck, Michaele J. Armstrong, Michael T. Stang, Sally E. Carty, Linwah Yip

SCIENTIFIC PROGRAM CONT.

University of Pittsburgh Medical Center

5:30pm - 5:45pm

*8. NOMOGRAM FOR PREDICTING MALIGNANCY IN THYROID NODULES USING CLINICAL, ULTRASOUND AND CYTOLOGY FEATURES

Iain J. Nixon, Lucy E. Hann, Oscar Lin, Debra A. Goldman, , Monica M. Whitcher, BA, Changhong Yu, Frank L. Palmer, BA, Ashok Shaha, Jatin P. Shah, Ian Ganly, Michael W. Kattan, Snehal G. Patel

Memorial Sloan Kettering Cancer Center

5:45pm - 6:00pm

9. ACCURACY OF 4D-CT IN POORLY-LOCALIZED PATIENTS WITH PRIMARY HYPERPARATHYROIDISM

Carrie C. Lubitz, George J. Hunter, Leena M. Hamberg, Sareh Parangi, Daniel Ruan, Atul Gawande, Randall D. Gaz, Gregory W. Randolph, Francis D. Moore, Jr., Richard A. Hodin, and Antonia E. Stephen

Massachusetts General Hospital; Brigham & Women's Hospital

Monday, April 19th

7:45am - 9:15am

Scientific Session III: Papers #10-15

Moderator: Sonia L. Sugg, MD

7:45am - 8:00am

*10. BRAF MUTATION IS ASSOCIATED WITH AN INCREASED RISK OF LOCAL RECURRENCE REQUIRING RE-OPERATIVE SURGERY IN PATIENTS WITH PAPILLARY THYROID CANCER

Christine J. O'Neill, Martyn Bullock, Angela Chou, Stan B. Sidhu, Leigh W. Delbridge, Anthony Gill, Diana L. Learoyd, Roderick Clifton-Bligh, Mark S. Sywak

University of Sydney Endocrine Surgical Unit

8:00am - 8:15am

11. ANALYSIS OF THE RISING INCIDENCE OF THYROID CANCER UTILIZING THE SURVEILLANCE, EPIDEMIOLOGY, AND END RESULTS (SEER) NATIONAL CANCER DATA REGISTRY

John D. Cramer, Pingfu Fu, Karem C. Harth and Scott M. Wilhelm

University Hospitals/Case Western Reserve University, School of Medicine

SCIENTIFIC PROGRAM CONT.

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8:15am - 8:30am

*12. THYROIDECTOMY WITH NEOADJUVANT PLX4720 EXTENDS SURVIVAL AND DECREASES TUMOR BURDEN IN AN ORTHOTOPIC MOUSE MODEL OF ANAPLASTIC THYROID CANCER

Matthew A. Nehs, Sushruta Nagarkatti, Carmelo Nucera, Richard A. Hodin, and Sareh Parangi
Massachusetts General Hospital

8:30am - 8:45am

*13. IS DVT PROPHYLAXIS NECESSARY FOR THYROIDECTOMY AND PARATHYROIDECTOMY?

Madhu Roy, Victoria Rajamanickam, Herbert Chen, and Rebecca Sippel
University of Wisconsin

8:45am - 9:00am

14. DO INTRA-OPERATIVE HORMONE ASSAYS GUIDE THE EXTENT OF SURGICAL RESECTION IN THE MANAGEMENT OF SPORADIC AND SYNDROMIC INSULINOMA?

James Kirkby-Bott, Robert Caiazza, Laurent Arnalsteen, Pascal Pigny, Emmanuelle Leteurtre, Guelareh Dezfoulian, Marie-Christine Vantyghem, Michele D'Herbomez, Rachel Desailoud, Odile Verrier Mine, Jean-Louis Wemeau, Bruno Carnaille, François Pattou
Dept Endocrine & Metabolic surgery, Hopital Huriez, CHU

9:00am - 9:15am

15. A PROSPECTIVE TRIAL EVALUATING THE ACCURACY OF USING COMBINED CLINICAL FACTORS AND CANDIDATE DIAGNOSTIC MARKERS TO REFINE THE ACCURACY OF THYROID FINE NEEDLE ASPIRATION BIOPSY

Aarti Mathur, Julie Weng, Willieford Moses, Seth Steinberg, Quan-Yang Duh, Orlo H. Clark, Electron Kebebew
National Institutes of Health/NCI

9:15am - 9:45am

Coffee Break & Poster Viewing

9:45am - 10:00am

Introduction of New Members

10:00am - 11:30am

Scientific Session IV: Papers #16-21

Moderator: Herbert Chen, MD

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10:00am - 10:15am

***16. ALDOSTERONE-SECRETING ADRENAL ADENOMAS - IS SURGERY TOO EXPENSIVE?**

BethAnn Reimel, Mark J. Russo, Kyle Zanoocco, Rasa Zarnegar, Cord Sturgeon, Orlo H. Clark, John D Allendorf, John A Chabot, Quan-Yang Duh, James A Lee
Columbia University Medical Center

10:15am - 10:30am

17. DIFFERENTIATING HUMAN STEM CELLS INTO PARATHYROID FOR TREATMENT OF HYPOPARATHYROIDISM

Kathleen M. Woods Ignatoski, Eve L. Bingham and Gerard M. Doherty
University of Michigan

10:30am - 10:45am

18. IMPACT OF SECOND PRIMARY MALIGNANCY ON OUTCOMES OF DIFFERENTIATED THYROID CARCINOMA

Brian H Lang, Chung-Yau Lo, Irene Oi Wong, Benjamin Cowling
The University of Hong Kong

10:45am - 11:00am

19. MANAGEMENT OF CERVICAL NODE METASTASES DETECTED ON TOTAL-BODY I-131 IMAGING FOLLOWING INITIAL SURGERY FOR WELL-DIFFERENTIATED PAPILLARY THYROID CARCINOMA

Jeffrey F. Moley, Bruce H. Haughey, Perry W. Grigsby
Washington University School of Medicine

11:00am - 11:15am

20. ROBOTIC THYROID SURGERY BY BILATERAL AXILLO-BREAST APPROACH USING DA VINCI SURGICAL SYSTEM

Kyu Eun Lee, Su-jin Kim, Jeonghun Lee, Do Hoon Koo, Seung Keun Oh, Yeo-Kyu Youn
Seoul National University College of Medicine

11:15am - 11:30am

21. INITIAL YUMC EXPERIENCE OF ROBOT-ASSISTED MODIFIED RADICAL NECK DISSECTION IN THE MANAGEMENT OF THYROID CARCINOMA WITH LATERAL LYMPH NODE METASTASIS

Sang-Wook Kang, So Hee Lee, Haeng Rang Ryu, Kang Young Rhee, Jong Ju Jeong, Kee-Hyun Nam and Woong Youn Chung
Department of Surgery, Yonsei University College of Medicine

11:30am-11:40am

Paul LoGerfo Educational Research Fund Award

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11:40am - 12:30pm

Invited Lecturer: The State of the Art of Radionucleotide Imaging and Therapy in Patients with Neuroendocrine Tumors

Dr. Alexander J.B. (Sandy) McEwan, MB

Chair and Professor - Department of Oncology; Faculty of Medicine and Dentistry
University of Alberta; Edmonton, Alberta, Canada

12:30pm - 1:30pm

AAES Luncheon, William Penn Ballroom

1:30pm - 2:00pm

Scientific Session V: Papers #22-23

Moderator: Jeffrey E. Lee

1:30pm - 1:45pm

22. THE IMPACT OF THE 2009 ATA GUIDELINES ON THE CHOICE OF OPERATION FOR WELL-DIFFERENTIATED THYROID MICROCARCINOMAS

Keith S. Heller, Jennifer B. Ogilvie

New York University Langone Medical Center

1:45pm - 2:00pm

23. A NOVEL RET INHIBITOR WITH POTENT EFFICACY AGAINST MEDULLARY THYROID CANCER IN VIVO.

Abbas K. Samadi, Anuj Shah, Ridhwi Mukerji, Barbara N. Timmermann, and Mark S. Cohen

University of Kansas Medical Center

2:00pm - 3:00pm

Presidential Address - Dare to be Oslerian

Janice L. Pasieka, MD

University of Calgary, Calgary, Alberta, Canada

3:00pm - 3:30pm

Coffee Break & Poster Viewing, Urban Room

3:30pm - 4:30pm

Scientific Session V (continued): Papers #24-27, Grand Ballroom

Moderator: Nancy D. Perrier

3:30pm - 3:45pm

24. OUTCOMES AND QUALITY OF LIFE AFTER PARTIAL PANCREATECTOMY FOR NON-INSULINOMA PANCREATOGENOUS HYPOGLYCEMIA SYNDROME

Kimberly A. Vanderveen, Clive S. Grant, Geoffrey B. Thompson

SCIENTIFIC PROGRAM CONT.

Mayo Clinic

3:45pm – 4:00pm

25. BETTER PRESERVATION OF ENDOCRINE AND EXOCRINE FUNCTION FOLLOWING CENTRAL VERSUS DISTAL PANCREATECTOMY FOR MID-GLAND LESIONS

Leaque Ahmed, Joseph DiNorcia, Minna K. Lee, BA, Patrick L. Reavey, Elizabeth A. Yakaitis, BA, James A. Lee, Beth A. Schrope, John A. Chabot, and John D. Allendorf
Columbia University College of Physicians and Surgeons

4:00pm – 4:15pm

26. COST-EFFECTIVE ANALYSIS FOR ADRENAL LESIONS: IMMEDIATE LAPAROSCOPIC ADRENALECTOMY VERSUS OBSERVATION

Michael T. Stang, Linwah Yip, Matthew R. Rosengart, Michael J. Armstrong, , Sally E. Carty, Adrienne L. Melck
University of Pittsburgh Medical Center

4:15pm – 4:30pm

27. IMPACT OF RESECTIONAL STANDARDS IN THYROID CANCER INVADING THE AERODIGESTIVE TRACT ON INDICATION AND SURVIVAL

Michael Brauckhoff (1,2,3), Anja Schmeil (1), Carsten Sekulla (1), Kerstin Lorenz (1), Katrin Brauckhoff (1,3), Henning Dralle (1)
(1) Department of General-, Visceral and Vascular Surgery, University of Halle, Halle, Germany
(2) Institute of Surgical Sciences, University of Bergen, Bergen, Norway
(3) Department of Surgery, Haukeland University Hospital, Bergen, Norway

4:30pm – 5:30pm

Business Meeting (AAES Members Only)

Tuesday, April 20th

7:45am – 9:30am

Scientific Session VI: Papers #28-34

Moderator: Peter Angelos, MD, PhD

7:45am – 8:00am

28. EFFECT OF THE BETHESDA SYSTEM FOR REPORTING THYROID CYTOPATHOLOGY ON THYROIDECTOMY RATES AND MALIGNANCY RISK IN CYTOLOGICALLY INDETERMINATE THYROID NODULES

Jennifer L. Rabaglia, Wareef Kabbani, Shelby Holt, Lori Watumull, Jeffrey Pruitt, William H. Snyder, Fiemu E. Nwariaku

SCIENTIFIC PROGRAM CONT.

University of Texas Southwestern Medical Center

8:00am - 8:15am

29. SINGLE NUCLEOTIDE POLYMORPHISMS ACT AS MODIFIERS AND STRONGLY CORRELATE WITH DEVELOPMENT OF SIMULTANEOUS MEDULLARY AND PAPILLARY THYROID CARCINOMAS IN TWO LARGE, NON-RELATED FAMILIES WITH RET V804M PROTO-ONCOGENE MUTATION.

Alexander L. Shifrin, Jennifer B. Ogilvie, Michael T Stang, Angela Musial Fay, Cristina Xenachis, Yen-Hong Kuo, Jerome J. Vernick
Jersey Shore University Medical Center

8:15am - 8:30am

30. SPRY2 EXPRESSION CORRELATES WITH BRAF MUTATION IN THYROID CANCER

Lizhong Xu, Dafna Bar-Sagi, Kopal N. Patel
NYU Langone Medical Center

8:30am - 8:45am

31. LAPAROSCOPIC RADIOFREQUENCY THERMAL ABLATION OF NEUROENDOCRINE HEPATIC METASTASES: LONG-TERM FOLLOW UP

Eren Berber, Hizir Akyildiz, Jamie Mitchell, Mira Milas, Allan Siperstein
Cleveland Clinic

8:45am - 9:00am

32. SECOND OPINION CYTOPATHOLOGY REVIEW OF THYROID FINE NEEDLE ASPIRATION BIOPSIES REDUCES THE NEED FOR DIAGNOSTIC THYROIDECTOMY

Tomer Davidov, Stanley Z. Trooskin, Beth-Ann Shanker, Dana Yip, Oliver Eng, , Jessica Crystal, , Malik F. Deen, Michael May, Renee L. Artymyshyn
University of Medicine & Dentistry of New Jersey - Robert Wood Johnson Medical School

9:00am - 9:15am

33. DO THE RECENT AMERICAN THYROID ASSOCIATION (ATA) GUIDELINES ACCURATELY GUIDE THE TIMING OF PROPHYLACTIC THYROIDECTOMY?

Elizabeth G. Grubbs, Thereasa A. Rich, Yan Xing, Stephen G. Waguespack, Anita K. Ying, Douglas B. Evans, Jeff E. Lee, Nancy D. Perrier
MD Anderson Cancer Center

9:15am - 9:30am

34. TRANSORAL THYROID AND PARATHYROID SURGERY

E. Karakas, T. Steinfeldt, T. Schlosshauer, A. Gockel, J. Jäger, R. Westermann, D.K. Bartsch
University Hospital Marburg

9:30am - 10:30am

Poster Competition

SCIENTIFIC PROGRAM CONT.

10:30am

AAES Historical Presentation: The Time Was Right

Norman W. Thompson, MD

11:00am

Best Poster Award, Raffle & Adjournment

11:15am - 1:30pm

Establishing & Maintaining an Endocrine Surgery Practice

Back for a third year by popular demand, the AAES Practice Management Workshop is entitled, Establishing and Maintaining an Endocrine Surgery Practice. This year's topics were determined by a needs-assessment survey of our membership and are designed to focus more on mid-career issues.

Presenters:

Orlo H. Clark

Practice Building with Referring MDs

Peter Angelos

Templates for the Electronic Medical Record

& David J. Winchester

Gary B. Talpos

Administrators & Fiscal Realities

Herbert Chen

Coding and Billing in Endocrine Surgery

Douglas B. Evans

How to Write a Really Good Abstract for

Allan Siperstein

Directing an Endocrine Surgery Fellowship

Steven P. Hodak

Establishing a Multidisciplinary Thyroid Center

Steven K. Libutti

Maintaining Perspective in Your Off Time

William B. Inabnet, III

Panel Discussion