
80th Annual Meeting of the ATA Abbreviated Program

Wednesday
September 23, 2009

Registration Open 12:00 pm – 9:00 pm (Ponce De Leon Foyer)
Exhibit Hall Open 3:00 pm – 5:00 pm and 7:30 – 8:30 pm (Ponce De Leon IV, V, VI)

Advanced Ultrasound Workshop 1:00 pm – 5:15 pm (Location available on event ticket)
(Limited seating – advance registration required)

Moderator: *Susan Mandel*

Why Lymph Nodes Matter *Jennifer Sipos*
Ultrasound Surveillance of the Neck *Susan Mandel*
Parathyroid Ultrasound *Stephanie Fish*
Cytology *Nicole Massoll*

Welcome/Opening Remarks 5:30 pm – 5:45 pm (Venetian Ballroom)

Recent Developments and Future Challenges in Thyroidology 5:45 pm – 7:30 pm (Venetian Ballroom)
*An overview of recent breakthroughs, discussion of future challenges,
and a preview of critical data from the ATA meeting upcoming*

Chairs: *Kathryn Schuff & Matthew Ringel*

Thyroid Nodules and Thyroid Cancer *R. Michael Tuttle*
Autoimmunity and Disorders of Thyroid Function *Gilbert Daniels*
Thyroid Hormone Synthesis, Action and Metabolism *Fredric Wondisford*

Welcome Reception in the ATA Exhibit Hall 7:30 pm – 8:30 pm

<p>Thursday September 24, 2009</p>	
<p>Registration Open 6:00 am – 6:00 pm</p>	
<p>Early Riser Symposium 6:45 am – 8:00 am (Venetian Ballroom) Management Issues in Thyroid Cancer Chair: <i>Ernest Mazzaferri</i></p> <p>Controversies in Initial Surgical Management <i>Sally Carty</i> Controversies in Radioiodine for Remnant Ablation and Adjuvant Therapy <i>Bryan McIver</i> Current Concepts in Monitoring Low Risk Patients with Thyroid Cancer <i>Bryan Haugen</i></p>	
<p>Plenary Lecture 8:15 am – 9:00 am (Venetian Ballroom) Lessons Learned from Australia's Iodine Nutrition Experience <i>Cres Eastman</i></p> <p>Introduction: <i>Gerard Burrow</i></p>	
<p>ICC/IDD Symposium 9:00 am – 10:15 am (Venetian Ballroom) Global Impact and Issues in Iodine Deficiency Chair: <i>Elizabeth Pearce</i></p> <p>Autoimmune Thyroid Disease and Iodine Deficiency <i>Peter Laurberg</i> Recent Developments in Iodine Deficiency in Europe <i>Aldo Pinchera</i> Interaction of Iodine Deficiency and Chemical Exposures in the Thyroid Gland <i>Gregory Brent</i></p>	
<p>Exhibit Hall Open 9:00 am – 4:30 pm Poster Review Session and Break in the Exhibit Hall 10:15 am – 11:15 am</p>	
<p>Meet the Professor Workshops 10:15 am – 11:15 am</p>	
<p>Clinical</p> <ol style="list-style-type: none"> Clinical Implications of Polymorphisms in Thyroid Hormone Pathway Genes <i>Robin Peeters</i> (Venetian Ballroom) Perioperative Counseling for Thyroidectomy <i>Peter Angelos</i> (Mediterranean Ballroom) 	<p>Basic</p> <ol style="list-style-type: none"> Stem Cells and Side Populations in the Thyroid <i>Rauf Latif</i> (Magnolia Room) Regulation of the Sodium-Iodide Symporter Function <i>Nancy Carrasco</i> (Gold Room) TSH and Thyroid Cancer: Autoimmunity or TSH Receptor? <i>Megan Haymart</i> (Gulf Stream Rooms 3,4)
<p>Highlighted Oral Abstract Session (5) 11:15 am – 12:30 pm</p>	
<p>Clinical (Venetian Ballroom) Session Chairs: <i>Henry Burch & Julie Ann Sosa</i></p>	<p>Basic (Mediterranean Ballroom) Session Chairs: <i>Motoyasu Saji & Leonard Kohn</i></p>
<p>Lunch on Your Own 12:30 pm – 1:15 pm</p>	
<p>Women in Thyroidology Networking Meeting 12:30 – 1:15 pm (Mediterranean Ballroom) <i>(all meeting attendees are welcome to attend and bring their own lunch)</i></p>	
<p>Poster Review Session in the Exhibit Hall 1:15 pm – 1:45 pm</p>	
<p>Oral Abstract Sessions (4) 1:45 pm – 2:45 pm</p>	
<p>Clinical (Venetian Ballroom) Thyroid Cancer–Molecular Session Chairs: <i>Sylvia Asa & Joshua Klopper</i></p>	<p>Basic (Mediterranean Ballroom) Thyroid Hormone–Cellular Session Chairs: <i>Christine Spitzweg & Ralf Paschke</i></p>
<p>Paul Starr Award Lecture 2:45 pm – 3:30 pm (Venetian Ballroom) Targeting Thyroid Hormone Action in Time and Place <i>Paul Ladenson</i></p> <p>Introduction: <i>David Cooper</i></p>	

Poster Review Session and Break in the Exhibit Hall 3:30 pm – 4:30 pm	
Meet the Professor Workshops 3:30 pm – 4:30 pm	
<p style="text-align: center;">Clinical</p> <p>6. Management of the Injured Recurrent Laryngeal Nerve and Voice Disturbances After Thyroidectomy <i>Gregory Randolph</i> (Venetian Ballroom)</p> <p>7. Radionuclides in Thyroid Disease: SPECT, I-123, I-124, and I-131 <i>Douglas Van Nostrand</i> (Ponce De Leon I, II)</p> <p>8. Evaluation of Thyroid Function in Preterm Newborns <i>Robert Hume</i> (Mediterranean Ballroom)</p>	<p style="text-align: center;">Basic</p> <p>9. PI3K and RAS Signaling: Combined Therapeutic Targets <i>Douglas Ball</i> (Magnolia Room)</p> <p>10. 3-Iodothyronamine: Structure and Functions <i>Thomas Scanlan</i> (Gold Room)</p>
Simultaneous Symposia 4:30 pm – 5:45 pm	
<p style="text-align: center;">Clinical (Venetian Ballroom) Management of Cervical Lymph Nodes in Papillary Thyroid Cancer Chair: <i>David Steward</i></p> <p>Central Neck Dissection: When, Why and How? <i>Geoffrey Thompson</i></p> <p>Lateral Neck Dissection: How Much Surgery is Enough for the Node Positive Neck? <i>Ralph Tufano</i></p> <p>Reoperative Surgery for Nodal Disease: Setting Reasonable Expectations <i>Gerard Doherty</i></p>	<p style="text-align: center;">Basic (Mediterranean Ballroom) Genetic Heritability of Thyroid Disease Chair: <i>Jerome Hershman</i></p> <p>Thyroid Development and Congenital Hypothyroidism <i>Peter Kopp</i></p> <p>Autoimmune Thyroid Disease <i>Yaron Tomer</i></p> <p>Genetic Predisposition to Papillary Thyroid Cancer: New Developments <i>Huiling He</i></p>
ATA Annual Business Meeting 6:00 – 7:00 pm (Mediterranean Ballroom) <i>(for ATA Active members only)</i>	
Free Evening	

Friday September 25, 2009	
Registration Open 6:00 am – 6:00 pm	
Early Riser Symposium 6:45 am – 8:00 am (Venetian Ballroom) Assessing and Managing Thyroid Dysfunction Chair: <i>Leonard Wartofsky</i>	
Screening for Thyroid Disease: Defining High Risk Populations to Screen and Cut-off for Treatment <i>Anne Cappola</i> Is Your Free T4 Assay Truly Measuring Free T4? <i>Jerald Nelson</i> Clinical Decision-Making in Thyroid Hormone Treatment <i>Paul Ladenson</i>	
Plenary Lecture 8:15 am – 9:00 am (Venetian Ballroom) Mechanisms and Consequences of Antiangiogenic Therapy of Early and Advanced Stage Cancer <i>Robert Kerbel</i>	
Introduction: <i>Matthew Ringel</i>	
Simultaneous Symposia 9:00 am – 10:15 am	
Clinical (Venetian Ballroom) Controversies in Management of Pediatric Thyroid Disease Chair: <i>Stephen Huang</i> Graves' Disease <i>Stephen H. LaFranchi</i> Thyroid Nodules in Children <i>Andrew Bauer</i> Subclinical Hypothyroidism <i>Paul Kaplowitz</i>	Translational (Mediterranean Ballroom) Novel Mechanisms and Signaling Pathways in Thyroid Cancer Progression Chair: <i>Robert Smallridge</i> Tumor Associated Macrophages <i>Mabel Ryder</i> (2008 Thyroid Research Grant recipient) src Signaling in Thyroid Cancer <i>Rebecca Schweppe</i> (2008 Thyroid Research Grant recipient) Epigenetic Control of the Intragenetically-Modified RAS/BRAF/MAPK Pathway in Thyroid Cancer <i>Shereen Ezzat</i>
Exhibit Hall Open 9:00 am – 4:30 pm	
Poster Review Session and Break in the Exhibit Hall 10:15 am – 11:15 am	
Meet the Professor Workshops 10:15 am – 11:15 am	
Clinical 11. Managing Side Effects of Radioiodine <i>Stephanie Lee</i> (Mediterranean Ballroom) 12. Nonsurgical Management of Thyroid Nodules <i>Hossein Gharib</i> (Venetian Ballroom)	Basic 13. Mechanisms That Regulate Response to Thyroid Autoantigens <i>Sandra McLachlan</i> (Ponce De Leon III) 14. Thyroid Cancer Cell Line Integrity <i>Bryan Haugen</i> (Magnolia Room) 15. Grant Writing 101 <i>Gregory Brent</i> (Gold Room)
Simultaneous Symposia 11:15 am – 12:30 pm	
Arthur Bauman Clinical Symposium (Venetian Ballroom) Controversies in Testing and Treating Thyroid Disease Chair: <i>Kenneth Burman</i> Direct Access TSH Testing: What You Need to Know and Tell Your Patients <i>Howard Lando</i>	Basic (Mediterranean Ballroom) Thyroid Hormone Receptor Action Chair: <i>Cary Mariash</i> Thyroid Hormone Receptors: Regulation of Nuclear Activity <i>Anthony Hollenberg</i>

<p>T3 and T4/T3 Combination Products: Is There Enough Science to Reopen the Debate? <i>Michael McDermott</i></p> <p>Update on Clinical Trials of Thyroid Hormone in Pregnancy <i>Alex Stagnaro-Green</i></p>	<p>Thyroid Hormone Receptors and PI3 Kinase Signaling <i>Sheue-yann Cheng</i></p> <p>Thyroid Hormone Receptors in Cytoplasm and the Plasma Membrane <i>Paul Davis</i></p>
Lunch on Your Own 12:30 pm – 1:15 pm	
Poster Review Session in the Exhibit Hall 1:15 pm – 1:45 pm	
Oral Abstract Sessions (4) 1:45 pm – 2:45 pm	
<p>Clinical (Venetian Ballroom) Thyroid Disease and Pregnancy/Neonate Session Chairs: <i>Erik Alexander & Joanne Rovet</i></p>	<p>Basic (Mediterranean Ballroom) Thyroid Cancer and Signaling Session Chairs: <i>Denise Armellini & Antonio Di Cristofano</i></p>
<p>Ingbar Award Lecture 2:45 pm – 3:30 pm (Venetian Ballroom) Mechanisms of Thyroid Hormone Action: Perspective and Application <i>John Baxter</i></p> <p>Introduction: <i>E. Chester Ridgway</i></p>	
Poster Review Session and Break in the Exhibit Hall 3:30 pm – 4:30 pm	
Meet the Professor Workshops 3:30 pm – 4:30 pm	
<p style="text-align: center;">Clinical</p> <p>16. Work-Up of Congenital Hypothyroidism: Incorporating New Knowledge About Molecular Mechanisms <i>Stephen Huang</i> (Mediterranean Ballroom)</p> <p>17. Update on the Therapeutic Options for Multi Nodular Goiter <i>Geraldo Medeiros-Neto</i> (Venetian Ballroom)</p> <p>18. Thyroglobulin and Thyroglobulin Antibody Assays <i>Carole Spencer</i> (Ponce De Leon III)</p>	<p style="text-align: center;">Basic</p> <p>19. New Advances in the Understanding and Treatment of MCT8 Defects <i>Samuel Refetoff</i> (Magnolia Room)</p> <p>20. PAX8-PPARgamma In Vitro and In Vivo Function <i>Norman Eberhardt</i> (Gold Room)</p>
Oral Abstract Sessions (5) 4:30 pm – 5:30 pm	
<p>Clinical (Venetian Ballroom) Thyroid Cancer–Therapy Session Chairs: <i>Marcia Brose & Douglas Ross</i></p>	<p>Basic (Mediterranean Ballroom) Peripheral Action of Thyroid Hormone & TSH Session Chairs: <i>John Morris, III & Faith Davis</i></p>
Simultaneous Symposia 5:30 pm – 6:45 pm	
<p>Clinical (Venetian Ballroom) Thyroid Grand Rounds Moderator: <i>Mary Samuels</i></p> <p style="text-align: center;">Participants: <i>E. Chester Ridgway</i> <i>Leonard Wartofsky</i> <i>Jayne Franklyn</i></p>	<p>Translational (Mediterranean Ballroom) Thyroid Research Grant Recipients In 2008 Chairs: <i>Martha Zeiger & John Copland, III</i></p> <p style="text-align: center;">Role of Macrophages in LMP7 KO Model of Thyroiditis <i>Hiroaki Kimura</i></p> <p style="text-align: center;">Fibroblast Immune Activation in Graves' Disease <i>Raymond Douglas</i></p> <p style="text-align: center;">Novel Thyroid Hormone Based Therapies for Human Cardiac Disease <i>Sara Danzi</i></p>
ATA Annual Banquet 7:30 pm - 11:00 pm <i>(Admission by ticket only)</i>	

<p>Saturday September 26, 2009</p>	
<p>Registration Open 6:00 am – 6:00 pm</p>	
<p>Early Riser Symposium 6:45 am – 8:00 am (Venetian Ballroom) Future Directions in Advanced Thyroid Cancer Therapies Chair: <i>Manisha Shah</i></p> <p>Targeted Kinase Inhibitor Therapy in Medullary Thyroid Carcinoma and Advanced Well Differentiated Thyroid Cancer <i>Steven Sherman</i> XRT for Locally Advanced Thyroid Cancer <i>James Brierley</i> Development of TKI Therapy for Thyroid Cancer: Lessons from Other Malignancies <i>Ann Gramza</i></p>	
<p>Plenary Lecture 8:15 am – 9:00 am (Venetian Ballroom) Stem Cells: Catalysts for Regenerative Medicine <i>John Gearhart</i></p> <p>Introduction: <i>Paul Ladenson</i></p>	
<p>Simultaneous Symposia 9:00 am – 10:15am</p>	
<p>Clinical (Venetian Ballroom) ATA Thyroid Cancer Guidelines Update Session Chair: <i>Stephanie Lee</i></p> <p>Thyroid Nodules and Differentiated Thyroid Cancer <i>David Cooper</i></p> <p>Medullary Thyroid Cancer <i>Richard Kloos</i></p>	<p>Translational (Mediterranean Ballroom) Animal Models of Thyroid Autoimmunity Chair: <i>Su He Wang</i></p> <p>Induction of Regulatory T Cells to Treat Experimental Autoimmune Thyroiditis <i>Bellur Prabhakar</i></p> <p>New Insight from a Mouse Model of Graves' Disease <i>Basil Rapoport</i> Apoptosis in Experimental Autoimmune Thyroiditis Models <i>James Baker</i></p>
<p>Exhibit Hall Open 9:00 am – 2:00 pm</p>	
<p>Poster Review Session and Break in the Exhibit Hall 10:15 am – 11:15 am</p>	
<p>Meet the Professor Workshops 10:15 am – 11:15 am</p>	
<p>Clinical</p> <p>21. Running a Successful Thyroid Clinical Practice <i>J. Woody Sistrunk</i> (Magnolia Room)</p> <p>22. Practical Consideration in Lymph Node Thyroglobulin Measurement in Clinical Practice <i>Jennifer Sipos</i> (Venetian Ballroom)</p>	<p>Basic</p> <p>23. Thyroid Hormone in Development: In Vivo Models <i>Douglas Forrest</i> (Mediterranean Ballroom)</p> <p>24. Carney Complex in Man and Mouse <i>Lawrence Kirschner</i> (Gold Room)</p>
<p>Simultaneous Symposia 11:15 am – 12:30 pm</p>	
<p>Clinical (Venetian Ballroom) Epigenetics in Thyroid Diseases Chair: <i>Kenneth Ain</i></p> <p>MicroRNA in Thyroid Cancer <i>Marina Nikiforova</i></p> <p>Aberrant Gene Methylation in Thyroid Tumorigenesis <i>Mingzhao Xing</i></p> <p>X-Chromosome Inactivation in Autoimmune Thyroid Disorders <i>Terry Davies</i></p>	<p>Translational (Mediterranean Ballroom) Thyroid Hormone Metabolism Chair: <i>Salvatore Benvenga</i></p> <p>Lessons Learned from Genetic Models <i>Donald St. Germain</i></p> <p>Deiodinase Polymorphisms in Human Disease <i>Francesco Celi</i></p> <p>Deiodinases in Models of Critical Illness and Injury <i>Antonio Bianco</i></p>
<p>Lunch on Your Own 12:30 pm – 1:15 pm</p>	

Poster Review Session in the Exhibit Hall 1:15 pm – 1:45 pm Exhibit Hall Closes 2:00 pm	
Oral Abstract Sessions (4) 1:45 pm – 2:45 pm	
Clinical (Venetian Ballroom) Thyroid Diseases Session Chairs: <i>Brendan Stack & Jim Hennessey</i>	Basic (Mediterranean Ballroom) Medullary Thyroid Cancer and NIS Session Chairs: <i>Libero Santarpia & Mingzhao Xing</i>
Clark T. Sawin Historical Vignette 2:45 pm – 3:30 pm (Venetian Ballroom) The History of Thyroid Hormone Control of Metabolic Rate <i>J. Enrique Silva</i> Introduction: <i>J. Woody Sistrunk</i>	
Short Call Oral Abstract Sessions (5) 3:30 pm – 4:45 pm (Venetian Ballroom) Chairs: <i>Virginia Sarapura & Yaron Tomer</i> (oral abstracts)	
Van Meter Lecture 4:45 pm – 5:30 pm (Venetian Ballroom) Title TBD Introduction: TBD	
Break 5:30 pm – 5:45 pm	
Joint ATA/ITOG Panel Discussion with FDA Participation 5:45 pm – 7:45 pm (Mediterranean Ballroom) Design and Implementation of Thyroid Cancer Trials Welcome and Introductions <i>Kenneth Burman</i> Matching Clinical Science and Regulatory Science for Improving the Care of Patients with Advanced Thyroid Cancer <i>Robert Kane</i> Current Clinical Trials on Differentiated Thyroid Cancer: Design, Endpoints, Analysis <i>R. Michael Tuttle</i> Current Clinical Trials on Medullary Thyroid Cancer: Design, Endpoints, Analysis <i>Robert Gagel</i> Panel Discussion	
Free Evening	

Sunday
September 27, 2009

Registration Open 7:30 am – 11:00 am

Clinical Symposium 8:00 am – 9:15 am (Mediterranean Ballroom)

Hyperthyroidism

Chair: *Cheryl Fassler*

ATA Guidelines Update

Rebecca Bahn

Anti-Thyroid Drugs: Risks and Benefits

Kenneth Burman

Translational Symposium 9:15 am – 10:30 am

Somatic Genetics of Thyroid Cancer: Diagnostic and Prognostic Translation (Mediterranean Ballroom)

Chair: *Robert Smallridge*

Somatic Mutations in Well and Poorly Differentiated Thyroid Cancer

James Fagin

Application of Mutation Detection in the Evaluation of Thyroid Nodules

Yuri Nikiforov

Global Analysis of Gene Expression in Thyroid Cancer: Potential Applications and Pitfalls

Thomas Giordano

80th Annual Meeting Ends at 10:30 am