



September 21-25, 2016

86th Annual Meeting of the American Thyroid Association

DENVER, COLORADO



www.thyroid.org

WEDNESDAY, SEPTEMBER 21, 2016

6:30 AM - 8:30 PM	ATA Registration Open	
6:30 AM - 6:30 PM	ATA Speaker Ready Room Open (Open to meeting faculty only)	
7:00 AM - 5:15 PM	<u>ATA Endocrine Neck Advanced Ultrasound Course</u> (Satellite Program, separate registration required)	
8:00 AM - 4:00 PM	<u>E. Chester Ridgway (Ridgway) Trainee Conference: Clinical Trainees Symposium</u> (Pre-registration required; open to all attendees; additional fee required for non-trainees)	
8:00 AM - 6:00 PM	ATA Exhibit and Poster Hall Open (Open for exhibitor setup only)	
8:00 AM - 1:30 PM	ATA Board of Directors' Meeting (By invitation only)	
1:00 PM - 4:00 PM	<u>Ridgway Trainee Conference: Basic Trainees Symposium - Energy and Metabolism</u> (Pre-registration required; open to all attendees)	Evan D. Rosen Antonio C. Bianco Michael Krashes Gregory A. Brent
4:15 PM - 5:00 PM	ATA Women in Thyroidology Meeting: Show Your Value - Preparing for the New Payment Model with Practice Transformation (Pre-registration required; ticket required for entry)	M. Carol Greenlee
5:30 PM - 5:45 PM	Welcome to the 86th Annual Meeting Antonio C. Bianco, ATA President Victor J. Bernet, ATA Secretary/COO Peter Arvan, Program Committee Co-Chair Stephanie A. Fish, Program Committee Co-Chair	
5:45 PM - 7:30 PM	Opening Session: Thyroid Breaking News Chair: Sheue-yann Cheng	
	New Insights into the Link Between Thyroid Hormone Signaling and Longevity	Anthony N. Hollenberg
	Disorders of Thyroid Hormone Action: Update on Pathogenetic Mechanisms and Treatment	V. Krishna K. Chatterjee
	Changing Attitudes to the Most Common Endocrine Malignancy, T1 PTC	Ian D. Hay
7:30 PM - 9:00 PM	ATA Exhibit and Poster Hall Open	
7:30 PM - 9:00 PM	ATA Welcome Reception (Meeting registration/badge required for entry; hall open to exhibitors and attendees)	

**86th ANNUAL MEETING OF THE ATA
THURSDAY, SEPTEMBER 22, 2016**

7:30 AM - 5:15 PM	ATA Registration Open	
7:30 AM - 5:30 PM	ATA Speaker Ready Room Open (Open to meeting faculty only)	
8:00 AM - 8:02 AM	Morning Announcements	
8:02 AM - 8:45 AM	Plenary Lecture: Thyroid Circadian Timing: Roles in Physiology and Thyroid Malignancies Introduction by Joel Ehrenkranz	Charna Dibner
8:45 AM - 9:45 AM	Highlighted Oral Abstracts Session Co-Chairs: Gregory A. Brent and Stephanie A. Fish	
	ORAL ABSTRACT #1 - WHOLE EXOME SEQUENCING ANALYSIS OF T1A PAPILLARY THYROID CARCINOMA	Kajalben Buddhdev
	ORAL ABSTRACT #2 - ROLE OF THE HISTONE METHYLTRANSFERASE PRMT1 IN THYROID HORMONE-DEPENDENT INTESTINAL STEM CELL DEVELOPMENT IN MICE	Julia Rodiger
	ORAL ABSTRACT #3 - VALIDATION OF ATA ULTRASOUND RISK ASSESSMENT OF THYROID NODULES SELECTED FOR ULTRASOUND FINE NEEDLE ASPIRATION	David Steward
	ORAL ABSTRACT #4 - INTERACTION OF THYROID HORMONE RECEPTORS WITH CHROMATIN: INSIGHTS FROM A GENOME-WIDE PERSPECTIVE	Lars Grøntved
8:45 AM - 11:45 AM	Ridgway Trainee Conference: Thyroid Ultrasound Course (Open to clinical and surgical travel grant trainees only)	Jacqueline Kung Andrew G. Gianoukakis Nicole A. Massoll
8:45 AM - 11:45 AM	Ridgway Trainee Conference: Surgical Trainees Track - Modern Thyroid Surgery - New Technology and Advanced Techniques (Open to all trainees; see full detailed session/ faculty information available in trainees section of program book)	
9:30 AM - 4:30 PM	Exhibit and Poster Hall Open (Open at 8:00 AM for poster presenters only)	
9:45 AM - 10:30 AM	Poster Review Session and Break in the Exhibit Hall	
10:30 AM - 11:45 AM	Peter Laurberg Memorial Symposium: Iodine in Thyroid Disorders Chair: Elizabeth N. Pearce	
	Iodine and the Thyroid: The Contributions of Peter Laurberg	Stig Andersen
	The EUThyroid Project: Assessing Thyroglobulin As An Indicator of Iodine Deficiency in Pregnancy	Michael B. Zimmermann
	Effects of Mild/Moderate Iodine Deficiency on Child Neurodevelopment	Robin P. Peeters

10:30 AM - 11:45 AM	<p>Symposium: Low-Risk Thyroid Cancer Chair: Mona Sabra</p> <p>Clinical Management of Low-Risk Thyroid Cancer Molecular Profile and Histopathologic Features of Low-Risk Tumors Indicating NIFTP Surgical Approach to Low-Risk Thyroid Cancer</p>	<p>Anna M. Sawka Yuri Nikiforov Gregory W. Randolph</p>
11:50 AM - 12:35 PM	<p>Discussion-Debates/ Meet the Professor Workshop: Central Neck Dissection Moderator: Ashok R. Shaha</p>	<p>Gerard M. Doherty Christopher R. McHenry</p>
11:50 AM - 12:35 PM	<p>Discussion-Debates/ Meet the Professor Workshop: Thyroid Cancer Stem Cells Do Not Exist Moderator: Ronald J. Koenig</p>	<p>Matthew D. Ringel Yuji Nagayama</p>
11:50 AM - 12:35 PM	<p>Discussion-Debates/ Meet the Professor Workshop: Thyroid Eye Disease</p>	<p>Michele Marino Rebecca S. Bahn</p>
11:50 AM - 12:35 PM	<p>Discussion-Debates/ Meet the Professor Workshop: Genetics of the Hypothalamic-Pituitary-Thyroid Axis</p>	<p>Marco Medici Peter N. Taylor</p>
12:35 PM - 1:30 PM	<p>Poster Review (On your own)</p>	
12:35 PM - 1:30 PM	<p>ATA Expo Theater Presented by UPMC/CBLPath (Limited seating; first-come, first served; lunch included)</p>	
12:35 PM - 1:30 PM	<p>Ridgway Trainees Conference: Basic Trainees Lunch Session - Career Paths (Open to all trainees; Lunch ticket required for meal)</p>	<p>Grant W. Anderson Paul J. Davis Giulia C. Kennedy Derek Bagley</p>
12:35 PM - 1:30 PM	<p>Ridgway Trainees Conference: Clinical Trainees Lunch Session - Setting Up a Thyroid Practice (Open to all trainees; Lunch ticket required for meal)</p>	<p>Brittany Bohinc Henderson J. Woody Sistrunk</p>
1:30 PM - 2:15 PM	<p>Sidney H. Ingbar Award Lecture: Two Decades of the Na⁺/I⁻ Symporter (NIS): Reflections and the Road Ahead Introduction by James A. Fagin</p> <p>Endowed by contributions to honor the memory of Sidney H. Ingbar, the Sidney H. Ingbar Distinguished Lectureship Award recognizes outstanding academic achievements in thyroidology. The Ingbar award is conferred upon an established investigator who has made major contributions to thyroid-related research over many years.</p>	<p>Nancy Carrasco</p>
2:20 PM - 3:35 PM	<p>Basic/Translational Oral Abstracts Session: Thyroid Hormone Metabolism and Action Co-Chairs: Alexandra M. Dumitrescu and Fredric E. Wondisford</p> <p>ORAL ABSTRACT #5 - THYROID HORMONE METABOLISM DEFECTS IN SBP2 DEFICIENT MICE</p> <p>ORAL ABSTRACT #6 - THE COMBINED INACTIVATION OF DIO2, MCT8 AND OATP1C1 ONLY PARTIALLY REFLECTS THE EFFECTS OF GLOBAL HYPOTHYROIDISM ON MOUSE CEREBRAL CORTEX GENE EXPRESSION</p>	<p>Haruki Fujisawa Beatriz Morte Molina</p>

	ORAL ABSTRACT #7 - NEURONAL MONOCARBOXYLATE TRANSPORTER 8 DEFICIENCY ALTERS BRAIN GLUCOSE METABOLISM	Eva Katrin Wirth
	ORAL ABSTRACT #8 - OUTWARD-OPEN MODEL OF THYROID HORMONE TRANSPORTER MCT8 PROVIDES NOVEL STRUCTURAL AND FUNCTIONAL INSIGHTS	Stefan Groeneweg
	ORAL ABSTRACT #9 - TURNING WHITE FAT BROWN: CAN A METABOLIC VILLAIN BE REFORMED?	Kevin J. Phillips
2:20 PM - 3:35 PM	Clinical/Translational Oral Abstracts Session: Thyroid Cancer Co-Chairs: Andrew G. Gianoukakis and Rebecca Leboeuf	
	ORAL ABSTRACT #10 - APPLICATION OF MALDI-TOF MASS SPECTROMETRY BASED MOLECULAR TESTING TO INDETERMINATE THYROID FINE NEEDLE ASPIRATIONS IMPROVES PRE-SURGICAL DIAGNOSIS	Markus Eszlinger
	ORAL ABSTRACT #11 - POST-REGISTRATION OUTCOMES IN DIFFERENTIATED THYROID CANCER (DTC) PATIENTS TREATED WITH LENVATINIB	Sina A. Jasim
	ORAL ABSTRACT #12 - ANAPLASTIC THYROID CANCER (ATC) IS A HOT IMMUNOGENIC ENVIRONMENT: IMMUNOPROFILING OF A LARGE COHORT OF ATC TUMORS	Ramona Dadu
	ORAL ABSTRACT #71 - COEXISTING <i>TERT</i> PROMOTER AND <i>BRAF</i> V600E OR <i>RAS</i> MUTATIONS DEFINE THE MOST AGGRESSIVE PAPILLARY THYROID CANCER - A CONFIRMATION IN THE TCGA DATA	Xiaopei Shen
	ORAL ABSTRACT #14 - A MULTI-CENTER PHASE II STUDY OF EVEROLIMUS IN PATIENTS WITH AGGRESSIVE THYROID CANCER AND GENETIC ANALYSIS	Jochen Lorch
2:20 PM - 4:00 PM	Ridgway Trainee Conference: Case Discussions - Thyroid Nodules Case Reviewers: Steven P. Weitzman and Whitney Goldner	Susan J. Mandel Stephanie L. Lee Gregory W. Randolph
3:35 PM - 4:15 PM	Poster Review Session and Break in the Exhibit Hall	
4:15 PM - 4:50 PM	Clark T. Sawin Historical Vignette: The Discovery and Science of Iodine Deficiency Introduction by Donald L. St. Germain	Elizabeth N. Pearce
4:55 PM - 5:40 PM	Discussion-Debates/ Meet the Professor Workshop: Utility of Pre-Treatment Scans Moderator: Gilbert H. Daniels (workshop co-sponsored by SNMMI)	Anca M. Avram Martin Schlumberger
4:55 PM - 5:40 PM	Discussion-Debates/ Meet the Professor Workshop: Hypothyroxinemia of Prematurity	Stephen H. LaFranchi Ari J. Wassner
4:55 PM - 5:40 PM	Discussion-Debates/ Meet the Professor Workshop: Treatment of Graves' Disease in Pregnancy	Susan J. Mandel David S. Cooper
4:55 PM - 5:40 PM	Discussion-Debates/ Meet the Professor Workshop: Ethical Dilemmas in Thyroid Surgery Moderator: Martha A. Zeiger	Carrie C. Lubitz Kepal Patel

5:45 PM - 7:00 PM

ATA Annual Business Meeting

(for active and senior ATA members only)

The annual business meeting features election results, committee reports, revised bylaws vote and discussion of important member issues.

**86TH ANNUAL MEETING OF THE ATA
FRIDAY, SEPTEMBER 23, 2016**

6:00 AM - 7:30 AM

Satellite Educational Program Sponsored by Sanofi Genzyme
(First-come, first served; Breakfast provided)

7:30 AM - 5:15 PM

ATA Registration Open

7:30 AM - 5:30 PM

ATA Speaker Ready Room Open
(Open to meeting faculty only)

8:00 AM - 8:02 AM

Morning Announcements

8:02 AM - 8:45 AM

Plenary Lecture: Precision Medicine - From Iodine-131 to CRISPR Genome Editing
Introduction by Peter Arvan

Thomas R. Cech

8:45 AM - 9:45 AM

Basic/Translational Oral Abstracts Session: Thyroid Cancer
Co-Chairs: Yuri Nikiforov and Steven I. Sherman

ORAL ABSTRACT #15 - BROMODOMAIN AND EXTRATERMINAL PROTEIN INHIBITOR JQ1 SUPPRESSES THYROID TUMOR GROWTH IN A MOUSE MODEL

Xuguang Zhu

ORAL ABSTRACT #16 - THE RS2853669 POLYMORPHISM REFINES THE PROGNOSTIC VALUE OF TERT PROMOTER MUTATIONS IN PAPILLARY THYROID CANCER

Rengyun Liu

ORAL ABSTRACT #17 - THE MOLECULAR TARGET OF METFORMIN - MITOCHONDRIAL GLYCEROPHOSPHATE DEHYDROGENASE (MGPDH) IS OVEREXPRESSED IN PAPILLARY AND FOLLICULAR THYROID CANCER AND ITS DOWN-REGULATION BY METFORMIN IS ASSOCIATED WITH GROWTH INHIBITORY EFFECTS IN A METASTATIC THYROID CANCER MOUSE MODEL

Joanna Klubo-Gwiedzinska

ORAL ABSTRACT #18 - SIMULTANEOUS INHIBITION OF PI3K SIGNALING AND HDAC2 INDUCES DIFFERENTIATION IN THYROID CANCER CELLS AND SUPPRESSES TUMORIGENESIS

Shweta Kotian

8:45 AM - 9:45 AM

Clinical/Translational Oral Abstracts Session: Thyroid Development
Co-Chairs: Jorge H. Mestman and Alex S. Stagnaro-Green

ORAL ABSTRACT #19 - THE DIAGNOSIS AND TREATMENT OF CONGENITAL HYPOTHYROIDISM IN UTAH 2006 - 2015

Joel Ehrenkranz

ORAL ABSTRACT #20 - TPOAB LEVELS WELL BELOW COMMONLY USED CUT-OFFS ALREADY AFFECT GESTATIONAL THYROID FUNCTION AND THE THYROIDAL RESPONSE TO HCG

Tim Korevaar

	ORAL ABSTRACT #21 - MATERNAL THYROID FUNCTION DURING PREGNANCY AND CHILD'S LINGUISTIC AND SENSORY DEVELOPMENT	Fanni Päckilä
	ORAL ABSTRACT #22 - ASSOCIATIONS BETWEEN MATERNAL THYROID FUNCTION IN PREGNANCY AND OBSTETRIC AND PERINATAL OUTCOMES	Sun Y. Lee
8:45 AM - 10:30 AM	Ridgway Trainee Conference: Case Discussions - Thyroid Cancer Moderator: R. Michael Tuttle Case Reviewers: Alex Tessnow and Andrew G. Gianoukakis	Martha A. Zeiger Keith C. Bible James D. Brierley
9:30 AM - 4:30 PM	Exhibit and Poster Hall Open (Open at 8:00 AM for poster presenters only)	
9:45 AM - 10:30 AM	Poster Review Session and Break in the Exhibit Hall	
10:30 AM - 11:45 AM	Symposium: Iodothyronine Deiodinases in Biology/Disease Chair: Donald L. St. Germain	
	Iodothyronine Deiodinases in Perspective	Theo J. Visser
	Translational Significance of D2 Polymorphisms	Elizabeth A. McAninch
	Translational Biology of D3	Domenico Salvatore
11:50 AM - 12:35 PM	Discussion-Debates/ Meet the Professor Workshop: Evaluation of Lateral Neck Moderator: Brendan C. Stack	Akira Miyauchi Julie Ann Sosa
11:50 AM - 12:35 PM	Discussion-Debates/ Meet the Professor Workshop: Methimazole vs. Definitive Therapy for Graves' Disease	Douglas S. Ross George J. Kahaly
11:50 AM - 12:35 PM	Discussion-Debates/ Meet the Professor Workshop: Thyroid Nodules and Cancer - Assumptions, Approaches and Misconceptions	Henry B. Burch Megan R. Haymart
11:50 AM - 12:35 PM	Discussion-Debates/ Meet the Professor Workshop: Duox Proteins - Biosynthesis, Function and Failure in Reconstituted Cell and Mouse Models of Hypothyroidism	Thomas L. Leto
12:35 PM - 1:30 PM	Poster Review (On your own)	
12:35 PM - 1:30 PM	ATA Expo Theater Presented by Sanofi Genzyme (Limited seating; first-come, first served; lunch included)	
12:35 PM - 1:30 PM	Ridgway Trainees Conference: All Trainees Lunch Session - How to Get Your Work Published (Open to all trainees; Lunch ticket required for meal)	Peter A. Kopp
1:30 PM - 2:15 PM	Lewis E. Braverman Award Lecture: Deiodinases, Cofactors and the Low T3 Syndrome Introduction by Gregory A. Brent	P. Reed Larsen
	Established in 2011 by Dr. Braverman's fellows, the Lewis E. Braverman Lectureship Award recognizes an individual who has demonstrated excellence and passion for mentoring fellows, students and junior faculty; has a long history of productive thyroid research; and is devoted to the ATA. The award is endowed by contributions to honor Dr. Lewis E. Braverman.	

2:20 PM - 3:35 PM	<p>Arthur Bauman Symposium: The Thyroid-Diet-Obesity Connection Chair: Michael T. McDermott</p> <p>Adiposity, Weight Gain and Thyroid Disease Weight Loss Maintenance and the Thyroid Axis</p> <p>Clinical and Biological Aspects of Thyroid Axis in Obesity</p> <p>The Arthur Bauman Fund supports the presentation of advances in clinical investigation in thyroidology and promotes participation by younger members of the scientific community in the annual meeting. The Arthur Bauman Clinical Symposium during the annual meeting is supported by the Bauman Fund.</p>	<p>Cari Meinhold Kitahara Michael Rosenbaum</p> <p>Francesco S. Celi</p>
3:35 PM - 4:15 PM	<p>Poster Review Session and Break in the Exhibit Hall</p>	
3:35 PM - 5:00 PM	<p>Ridgway Trainee Conference: Case Discussions - Thyroid Function Case Reviewers: Tracey S. Tylee and Jacqueline Kung</p>	<p>Peter A. Singer Bernadette Biondi</p>
4:15 PM - 5:00 PM	<p>ATA Research Grants Session Chair: Motoyasu Saji</p> <p>Development of a High Throughput in vivo Screening System for Small Molecule Activators of Thyroid Differentiation: Identification and Targeting of New Molecular Pathways Involved Thyroid Cancer Progression</p> <p>The Impact of Maternal and Offspring Genetic Variants on Phenotypic Outcomes in the Controlled Antenatal Thyroid Screening Study (CATS)</p> <p>Immune Markers in Medullary Thyroid Cancer and Their Clinical Significance</p>	<p>Jason David Prescott</p> <p>Peter N. Taylor</p> <p>Ramona Dadu</p>
5:05 PM - 5:50 PM	<p>Discussion-Debates/ Meet the Professor Workshop: I-131 for Distant Metastasis (<i>workshop co-sponsored by SNMMI</i>)</p>	<p>Douglas Van Nostrand</p>
5:05 PM - 5:50 PM	<p>Discussion-Debates/ Meet the Professor Workshop: Management of Patients with Medullary Thyroid Cancer</p>	<p>Mimi Hu Jennifer E. Rosen Jochen Lorch</p>
5:05 PM - 5:50 PM	<p>Discussion-Debates/ Meet the Professor Workshop: Thyroid Antibodies Are Epiphenomena Unrelated to Disease Etiology Moderator: Alex S. Stagnaro-Green</p>	<p>Patrizio Caturegli Terry F. Davies</p>
5:05 PM - 5:50 PM	<p>Discussion-Debates/ Meet the Professor Workshop: Iatrogenic Thyrotoxicosis, Clinical and Subclinical</p>	<p>Maria Papaleontiou Jennifer S. Mammen</p>
5:05 PM - 5:50 PM	<p>Discussion-Debates/ Meet the Professor Workshop: Demystifying Molecular Techniques for Thyroid Cancer Diagnosis and Treatment</p>	<p>Marina N. Nikiforova Thomas J. Giordano</p>

7:30 PM - 11:00 PM

ATA Annual Reception and Banquet
(Ticketed event, pre-registration required)

2016 ATA Distinguished Service Award

In recognition and honor of a member who has made important and continuing contributions to the American Thyroid Association.

Gregory A. Brent

2016 John B. Stanbury Thyroid Pathophysiology Medal

In recognition of outstanding research contributions, either conceptual or technical, to the understanding of thyroid physiology or the pathophysiology of thyroid disease, as evidenced by having a major impact on research or clinical practice related to thyroid diseases.

Kenneth D. Burman

**86th ANNUAL MEETING OF THE ATA
SATURDAY, SEPTEMBER 22, 2016**

7:30 AM - 5:15 PM

ATA Registration Open

7:30 AM - 5:30 PM

ATA Speaker Ready Room Open
(Open to meeting faculty only)

8:00 AM - 8:02 AM

Morning Announcements

8:02 AM - 8:45 AM

ATA Van Meter Lecture (announced onsite at time of lecture)

Established in 1930, the Van Meter Award Lecture recognizes outstanding contributions to research on the thyroid gland or related subjects. The award is given each year to an investigator who is not older than the age of 45 in the year of the award. The Van Meter award winner is kept secret until the time of the award lecture during the annual meeting.

8:45 AM - 9:45 AM

Clinical/Translational Short Call Oral Abstracts Session
Chair: Angela M. Leung

SHORT CALL ORAL ABSTRACT #1 - PREGNANCY
OUTCOMES OF EXPOSURE TO METHIMAZOLE (POEM)
STUDY: FINAL REPORT

Naoko Arata

SHORT CALL ORAL ABSTRACT #2 - ESTIMABL1: LONG
TERM OUTCOME VALIDATES THE USE OF 1.1GBQ/RHTSH
FOR ABLATION IN LOW RISK THYROID CANCER PATIENTS

Martin Schlumberger

SHORT CALL ORAL ABSTRACT #3 - SUCCESSFUL
IMPLEMENTATION OF AN ACTIVE SURVEILLANCE
MANAGEMENT APPROACH TO LOW RISK PAPILLARY
THYROID CANCER IN THE UNITED STATES

R. Michael Tuttle

SHORT CALL ORAL ABSTRACT #4 - A 3-ARM MULTICENTER
RANDOMIZED PHASE II STUDY OF SINGLE AGENT,
IMMEDIATE AND DELAYED COMBINATION OF
EVEROLIMUS AND PASIREOTIDE LAR IN ADVANCED
THYROID CANCER

Taofeek Owonikoko

8:45 AM - 9:45 AM

Basic/Translational Short Call Oral Abstracts Session
Chair: Mingzhao Xing

	SHORT CALL ORAL ABSTRACT #5 - COMBINATION OF DIO2 AND MCT10 GENE POLYMORPHISMS PREDICTS THE PREFERENCE FOR T4+T3 THERAPY IN HYPOTHYROIDISM - A BLINDED RANDOMIZED CLINICAL STUDY	Carlé Allan
	SHORT CALL ORAL ABSTRACT #6 - PDGFRA REGULATES FOLLICULAR CELL DIFFERENTIATION DRIVING TREATMENT RESISTANCE AND DISEASE RECURRENCE IN PAPILLARY THYROID CANCER	Todd McMullen
	SHORT CALL ORAL ABSTRACT #7 - PROGRAMMED DEATH LIGAND 1 EXPRESSION DISTINGUISHES INVASIVE FROM NON-INVASIVE ENCAPSULATED FOLLICULAR VARIANT OF PAPILLARY THYROID CARCINOMA	Paul G. Walfish
	SHORT CALL ORAL ABSTRACT #8 - ATF4 TARGETS RET FOR DEGRADATION AND IS A CANDIDATE TUMOR SUPPRESSOR GENE IN MEDULLARY THYROID CANCER	Rozita Bagheri-Yarmand
8:45 AM - 10:00 AM	Ridgway Trainee Conference: How to Communicate About the Thyroid (Open to all trainees)	Gerard M. Doherty Virginia A. LiVolsi Andrew G. Gianoukakis
9:30 AM - 1:30 PM	Exhibit and Poster Hall Open (Open at 8:00 AM for poster presenters only)	
9:45 AM - 10:30 AM	Poster Review Session and Break in the Exhibit Hall	
10:30 AM - 11:45 AM	Symposium: Radioactive Iodine in the Treatment of Thyroid Cancer Chair: Stephanie A. Fish	
	What is the Right Dose: Empiric Dosing vs. Dosimetry? Challenges of Thyroid Imaging Redifferentiation Prior to Radioactive Iodine Therapy	Bryan R. Haugen Sophie Leboulleux Alan L. Ho
10:30 AM - 11:45 AM	Symposium: Thyroid Development Chair: Peter A. Kopp	
	Overview of Thyroid Dysgenesis and the Role of PAX8 Autosomal Monoallelic Expression in Thyroid Dysgenesis JAG1 and Thyroid Gland Development	Peter A. Kopp Johnny Deladoey Luca Persani
11:50 AM - 12:35 PM	Discussion-Debates/ Meet the Professor Workshop: Endoscopic Thyroid Surgery Moderator: Maisie L. Shindo	Emad Kandil Quan-Yang Duh
11:50 AM - 12:35 PM	Discussion-Debates/ Meet the Professor Workshop: Exposure and Adaptation to Thyroid-Disrupting Chemicals	Angela M. Leung David S. Sharlin
11:50 AM - 12:35 PM	Discussion-Debates/ Meet the Professor Workshop: Novel Gens (Dys) Regulating Thyroid Cancer	Xiulong Xu James A. Fagin
11:50 AM - 12:35 PM	Discussion-Debates/ Meet the Professor Workshop: Mechanisms of Autoimmune Thyroiditis Chair: Terry F. Davies	George Carayanniotis Helen Mullen
12:35 PM - 1:30 PM	Poster Review (On your own)	

12:35 PM - 1:30 PM	ATA Expo Theater Presented by Eisai, Inc. (This presentation is intended for health care professionals from the United States and countries where LENVIMA (lenvatinib) is approved. This presentation is based on the LENVIMA US prescribing information and may not be consistent with the prescribing information in other countries. Space limited – first come, first served; lunch included)	
12:35 PM - 1:30 PM	Ridgway Trainees Conference: Basic Trainees Lunch Session - Mammalian Models in Thyroid Research (Open to all trainees; Lunch ticket required for meal)	Aime T. Franco
12:35 PM - 1:30 PM	Ridgway Trainees Conference: Clinical Trainees Lunch Session - Career Tracks (Open to all trainees; Lunch ticket required for meal)	M. Carol Greenlee Joshua P. Klopfer Stephanie A. Fish Richard J. Weiss
1:30 PM	Exhibit and Poster Hall Closes	
1:30 PM - 2:15 PM	Paul Starr Award Lecture: BRAF in Prognostication of Thyroid Cancer - Where Are We Now? Introduction by Paul W. Ladenson The Paul Starr Lectureship Award is in recognition of an outstanding contributor to clinical thyroidology.	Mingzhao Xing
2:20 PM - 3:35 PM	Symposium: Cross-Spectrum - Translational Thyroid Biology Chair: Mingzhao Xing Microenvironment of Thyroid Cancer TSH Receptor and Its Signaling in Hepatic Lipid Metabolism Thyroid Hormone and Its Receptors in Hepatic Lipid Metabolism	Carmelo Nucera Jiajun Zhao Paul M. Yen
2:30 PM - 4:30 PM	ATA Alliance for Patient Education Free Public Forum (Open to the general public and all meeting attendees) <i>Sponsored by the ATA Alliance members: American Thyroid Association, Bite Me Cancer, Graves' Disease and Thyroid Foundation, Light of Life Foundation, ThyCa: Thyroid Cancer Survivors' Association, Inc., Thyroid Cancer Canada and Thyroid Federation International</i>	
3:35 PM - 3:45 PM	Refreshment Break	
3:35 PM - 4:35 PM	Ridgway Trainee Conference: Trainees Poster Contest Winners Short Oral Presentations (Speakers determined onsite)	
3:45 PM - 5:00 PM	Basic/Translational Oral Abstracts Session: Thyroid Development and Diseases Co-Chairs: Jerome M. Hershman and Samuel Refetoff ORAL ABSTRACT #23 - ABROGATION OF THE INTERACTION OF A NUCLEAR RECEPTOR COREPRESSOR WITH A MUTATED THYROID HORMONE RECEPTOR al REVERTS ERYTHROPOIETIC DISORDERS	Chorong Han

	ORAL ABSTRACT #24 - BALANCE OF MAD AND C-MYC REGULATE ADULT STEM CELL FORMATION DURING INTESTINAL REMOLDING	Morihiro Okada
	ORAL ABSTRACT #25 - PERMANENT CENTRAL HYPOSENSITIVITY TO THYROID HORMONE (TH) IN HUMANS AND MICE FOLLOWING INTRAUTERINE EXPOSURE TO HIGH TH LEVELS	Panudda Srichomkwun
	ORAL ABSTRACT #26 - INTERFERON ALPHA-INDUCED AUTOIMMUNE THYROIDITIS IS MEDIATED BY THE UPREGULATION OF CATHEPSINS B, D AND L	Larissa C. Faustino
	ORAL ABSTRACT #27 - MATERNAL IRON DEFICIENCY ALTERS CIRCULATING THYROID HORMONE LEVELS IN DEVELOPING NEONATAL RATS	Grant W. Anderson
3:45 PM - 5:00 PM	Clinical/Translational Oral Abstracts Session: Thyroid Autoimmunity Co-Chairs: Kenneth D. Burman and Douglas S. Ross	
	ORAL ABSTRACT #28 - QUANTITATIVE TRACKING CHARACTERISTIC TCR REPERTOIRES IN GRAVES' DISEASE PATIENTS BY NEXT GENERATION SEQUENCING	Yue Wang
	ORAL ABSTRACT #29 - MATERNAL THYROID PEROXIDASE-ANTIBODY (TPO-AB) POSITIVITY DURING FIRST TRIMESTER OF PREGNANCY IS ASSOCIATED WITH COMPONENTS OF METABOLIC SYNDROME IN CHILDREN IN ADOLESCENCE	Anna-Leena Elisa Heikkinen
	ORAL ABSTRACT #30 - THE REPERTOIRE OF SERUM THYROID HORMONE AUTOANTIBODIES (THAB) IN GRAVES' DISEASE (GD) DIFFERS FROM THAT IN HASHIMOTO'S THYROIDITIS (HT), AND DISPLAYS SOME PECULIARITY DEPENDING ON THE ABSENCE OR PRESENCE OF OPHTHALMOPATHY	Alessandro Antonelli
	ORAL ABSTRACT #31 - CHARACTERIZATION OF CD4+TH17 AND B REGULATORY CELLS IN HASHIMOTO'S THYROIDITIS	Marco Centanni
	ORAL ABSTRACT #32 - IMMUNOTHERAPY-RELATED DESTRUCTIVE THYROIDITIS: A CANCER CENTER EXPERIENCE	Priyanka Chandrasekhar Iyer
5:05 PM - 5:50 PM	Discussion-Debates/ Meet the Professor Workshop: ATA Guidelines - How Much Surgery is Enough? Moderator: M. Regina Castro	Ian Ganly Dhaval T. Patel
5:05 PM - 5:50 PM	Discussion-Debates/ Meet the Professor Workshop: Use of Molecular Testing in the Evaluation of Thyroid Nodules	Jennifer A. Sipos Stephanie L. Lee
5:05 PM - 5:50 PM	Discussion-Debates/ Meet the Professor Workshop: Design of the Thyroid Hormone and Your Replacement Options If Dissatisfied (THYROID) Study - An Open Discussion	Anne R. Cappola Jacqueline Jonklaas Francesco S. Celi
5:05 PM - 5:50 PM	Discussion-Debates/ Meet the Professor Workshop: Thyroid Hormones and Regulated Metabolites - Nongenomic Actions	Paul J. Davis

**86TH ANNUAL MEETING OF THE ATA
SUNDAY, SEPTEMBER 25, 2016**

7:30 AM - 9:30 AM	ATA Speaker Ready Room Open (Open to meeting faculty only)	
7:45 AM - 11:15 AM	ATA Registration Open	
8:00 AM - 8:02 AM	Morning/Closing Announcements	
8:02 AM - 9:15 AM	Symposium: Thyroid Cancer-Immunity Nexus Chair: Yaron Tomer	
	Thymic Expression of Thyroid Antigens	Mihaela Stefan
	Investigating the Potential for Checkpoint Blockades in Advanced Thyroid Cancer	Jena D. French
	Tumor-Associated Macrophages	Mabel M. Ryder
	Thyroid Cancer Immunotherapy	Naifa Lamki Busaidy
9:20 AM - 11:00 AM	Thyroid Cancer Tumor Board Moderator: R. Michael Tuttle	
	Endocrinology	Maria E. Cabanillas
	Medical Oncology	Keith C. Bible
	Molecular Biology	Thomas J. Giordano
	Nuclear Medicine	Anca M. Avram
	Pathology	Virginia A. LiVolsi
	Surgery	Sally E. Carty
11:00 AM	86th Annual Meeting of the ATA Concludes	