Welcome to ENDO 2017, your professional meeting home. ENDO connects you with the leaders in the field for the latest treatment options, case-based content, and best practices. Access to cutting-edge science and the researchers behind the latest discoveries help you see what is coming next in the field of endocrinology, and keep informed of the latest trends and advances.

KEY DATES

ABSTRACT SUBMISSION TIMELINES

REGULAR ABSTRACT SUBMISSION
September 7 – November 8, 2016

LATE-BREAKING ABSTRACTS
January 11 – February 13, 2017
Disposition notices released no later than February 24, 2017.

REGISTRATION AND HOUSING INFORMATION

EARLY REGISTRATION
October 5, 2016 – January 17, 2017

ADVANCE REGISTRATION
January 18 – February 28, 2017

LATE REGISTRATION
March 1 – March 29, 2017

ONSITE REGISTRATION
March 30 – April 4, 2017

HOUSING REQUEST DEADLINE
March 7, 2017

You may continue to register online or onsite through April 4, 2017.
For registration, housing, and abstract submission information, visit www.endo2017.org.

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TOP 5 REASONS TO VISIT ORLANDO

Orlando is the world’s number one family vacation destination, attracting nearly 60 million people each year with its unique mix of attractions, entertainment, dining and shopping options, along with beautiful weather. Even with an endless list of things to see and do in Orlando, there are a few things which stand out from the crowd:

1. **ENDO 2017**
   Your professional home for science, education, and networking.

2. **DIVINE DINING**
   From celebrity chefs to hidden gems, Orlando serves up more than 5,000 restaurants to stimulate one’s senses and satisfy the palate.

3. **SHOPPING GALORE**
   Not only can you find all of the top brands, you can find them at deep discount prices due to the number of premium outlets in the area.

4. **BIRDIES, EAGLES, AND MORE**
   With 168 spectacular golf courses located within a 45-minute drive of downtown, golfers can try their hand at an array of challenging and diverse courses designed by such legends as Jack Nicklaus, Greg Norman, Tom Watson, and Rees Jones.

5. **FUN AND FROLIC**
   Visit Harry Potter and Mickey Mouse. With more than 95 attractions, Orlando is the epicenter of fun and excitement with legendary theme parks, spectacular museums, and world-class entertainment and blockbuster rides.
Call for Abstracts

ENDO 2017 is the premier venue to share research, exchange ideas, and network with more than 7,500 anticipated endocrine scientists and practitioners from 80 countries. Nearly 3,000 oral and poster abstract presentations are expected this year.

Abstract Submission Deadline: Tuesday, November 8, 2016
Late-Breaking Submission Deadline: Monday, February 13, 2017

ENDO 2017 SCIENTIFIC ABSTRACT CATEGORIES

The Endocrine Society seeks scientific abstracts in basic, translational, and clinical research, as well as clinical trials, comparative effectiveness, health outcomes, endocrine genetics, and stem cell studies. Abstracts can be submitted in any of the 16 topic or 91 subtopic areas.

Do you have research on a non-clinical topic area? Submit your education, innovation, or quality improvement research in the Education Health and Outcomes topic area.

Don’t have an abstract to submit, but instead an interesting case? Submit your Case Report with learning points and implications for practice.

INCREASE THE VISIBILITY OF YOUR RESEARCH

All accepted abstracts will be published in an online supplement to Endocrine Reviews. Endocrine Reviews is a top ranking journal in Journal Citation Report’s Endocrinology and Metabolism. Cutting-edge science presented at ENDO generates significant press coverage from top-tier news outlets, including the Washington Post, CNN, Reuters, United Press International wire service, CBS News, AFP wire service, the Daily Mail, Popular Science, the Times of India, Die Welt, BMJ, and TIME magazine. More than 2,400 news stories mentioned the research unveiled at ENDO 2016. Become a part of ENDO 2017, where we anticipate even greater press coverage.

By submitting an abstract to the Endocrine Society, you will have an opportunity to share and discuss your work with leading endocrine researchers from around the world. So many collaborations have developed as a result of these interactions.”

— Kristy Brown, PhD, Hudson Institute of Medical Research (Australia)
TRAVEL AWARDS FOR ENDO 2017

The Endocrine Society provides students, fellows, and early career professionals abstract-based awards to encourage participation and help promote the research of future endocrinologists.

- Clinical Fellows Abstract Award in Diabetes (Supported by Merck & Co., Inc.)
- Clinical Fellows Abstract Award in Metabolic Bone (Supported by Shire)
- Eugenia Rosemberg Abstract Travel Award
- Endocrine Society Outstanding Abstract Awards
- Helmsley Charitable Trust Abstract Awards in Type 1 Diabetes (Supported by The Leona M. and Harry B. Helmsley Charitable Trust)
- Mara E. Lieberman Abstract Travel Grants

Preference will be given to Endocrine Society Members. Learn more about these and other abstract-based awards at www.endo2017.org. Apply for these awards through the abstract submission site by Tuesday, November 8, 2016.

KEY INFORMATION FOR ELIGIBILITY AND AUTHORSHIP

- **New this year:** Abstract submission by nonmembers no longer requires a member sponsor
- Authorship on multiple abstracts is permitted

ENDO 2017 IS AN EXCELLENT VENUE FOR YOUR CLINICAL TRIAL RESEARCH!

Showcase your work, recruit participants, and drive engagement at the world’s largest gathering of endocrinologists. Clinical trials accepted for abstract presentation at ENDO 2017 will have a new ability to highlight ongoing and future clinical trial recruitment to increase exposure.

Benefits of presenting at ENDO include:

- Peer review by top scientists in endocrinology
- Exposure at the world’s largest gathering of endocrinologists
- Ability to advertise open recruitments
Pre-Conference Events

Arrive at ENDO 2017 early and participate in these workshops and pre-conference events.

**TYPE 1 DIABETES FELLOWS CONFERENCE**
**WEDNESDAY, MARCH 29 – THURSDAY, MARCH 30**

This conference hosts a comprehensive program for pediatric and adult endocrine fellows on the care and management of type 1 diabetes. Fellows attend small group discussions, clinical case presentations, and networking sessions. An application is required; learn more at www.endocrine.org/t1dmfellows.

**DIABETES DIAGNOSIS & MANAGEMENT 2017**
**FRIDAY, MARCH 31**
**9:00 AM – 5:00 PM**

This course provides in-depth education designed for clinicians who manage diabetes patients. Through focusing on current issues in clinical diabetes management, expert faculty provide state-of-the-art updates on cardiometabolic comorbidities and new treatment options. Participants engage in case discussions, hear from renowned diabetes clinicians and researchers; and participate in small, focused Meet-the-Professor sessions.

**REGISTRATION INFORMATION**
Member ........................... $75
Nonmember ........................ $135
In-Training Member/Early Career Member/Nurse ............. $55

**OBESITY MANAGEMENT 2017**
**Cosponsored by The Obesity Society**
**FRIDAY, MARCH 31**
**9:00 AM – 5:00 PM**

The prevalence of obesity is a worldwide issue. This popular workshop focuses on advanced practice challenges and highlights emerging treatment therapies and strategies for preventing, diagnosing, and managing obesity. Participants engage in case discussions, learn from experts, and participate in small, dynamic Meet-the-Professor sessions.

**REGISTRATION INFORMATION**
TOS/ES Member .................... $75
Nonmember ....................... $135
TOS/ES In-Training Member/Early Career Member/Nurse ............. $55

ENDO provides an incredible atmosphere for learning and discovery. The networking and career development opportunities are equal in importance to the science and clinical presentations. If you want to be immersed in a culture of biomedical innovation, and be a part of the progression of science and medicine, ENDO is the place to be.”

— Bryan A. Wilson, PhD, MBA, Postdoctoral Fellow, University of North Carolina
HANDS-ON THYROID ULTRASOUND WORKSHOPS
FRIDAY, MARCH 31
Learn the latest advancements in thyroid imaging with a practical, hands-on approach. Select between the introductory or advanced workshop, both of which offer lessons on diagnostic ultrasound techniques. The introductory workshop is designed for participants looking to begin using ultrasound in diagnosing thyroid nodules and performing ultrasound-guided, fine-needle aspirations. The advanced workshop allows current practitioners with experience in performing thyroid ultrasound to focus on the use of ultrasound for examination of the cervical lymph nodes and parathyroid adenomas, including demonstrations in real-time imaging of patient volunteers.

INTRODUCTORY HANDS-ON THYROID ULTRASOUND WORKSHOP
7:30 AM – 1:30 PM
REGISTRATION INFORMATION
Member .......................... $395
Nonmember ........................ $475
In-Training Member/Early Career Member/Nurse. ........... $275

ADVANCED HANDS-ON THYROID ULTRASOUND WORKSHOP
7:30 AM – 5:30 PM
REGISTRATION INFORMATION
Member .......................... $445
Nonmember ........................ $525
In-Training Member/Early Career Member/Nurse. ........... $305

ENDOCAREERS® EARLY CAREER FORUM
FRIDAY, MARCH 31
8:00 AM – 6:00 PM
The program includes a series of science education and career development sessions for postdoctoral fellows, clinical fellows; and medical and graduate students. Travel awards to support trainees’ attendance are available. Application deadline is Thursday, November 17, 2016. More information at www.endo2017.org.

REGISTRATION INFORMATION
In-Training/Early Career Member ............ $125

SPECIAL OPPORTUNITIES AND PROGRAMMING
ENDO 2017 offers students, fellows, and early-career faculty opportunities that include:
• EndoCareers® Early Career Forum
• Career Development Workshops
• International Trainees Seminar Series
• Presidential Poster Competition
Conference Events

ESAP™ AND PEDIATRIC ESAP LIVE
Attend interactive case-based sessions and walk through brand new vignettes with the faculty of the latest editions of ESAP and Pediatric ESAP. Prepare for certification, re-certification, or just stay up-to-date.

CAREER DEVELOPMENT WORKSHOPS
Take advantage of the many opportunities to sharpen your professional development focus at the EndoCareers® Career Development Workshops offered throughout ENDO. Workshops cover a wide variety of invaluable topics, tips, and tools for early career professionals, with a mix of dynamic lectures and interactive panel discussions led by experienced faculty.

ADVANCING HEALTH DISPARITIES RESEARCH
The Society’s Committee on Diversity and Inclusion will host its annual Health Disparities Forum to spotlight emerging research and successful community-based programs in endocrine-related health disparities. Join us to learn from the experts that lead efforts to reduce health disparities experienced by vulnerable populations and disadvantaged communities.

INTERNATIONAL TRAINEES SEMINAR SERIES
This series of education and networking sessions provides international trainees key strategies on navigating fellowships in the United States and abroad. Sessions occur throughout the meeting, and include proven methods on identifying and securing fellowships, funding for fellowships, and positions in the United States following your fellowship.

SUPPORTING ENDOCRINE EDUCATORS
Join your educator colleagues for networking and learning sessions specifically designed to support your role in training others. Three sessions at ENDO 2017 will provide you with best practices and strategies in endocrine education, and access to a community of peers for lasting collaboration.

Continuing Medical Education

ACREDITATION STATEMENT
The Endocrine Society is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education (CME) for physicians. The Endocrine Society has achieved Accreditation with Commendation. The Endocrine Society anticipates this live educational activity will be certified for a maximum of 32.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

MAINTENANCE OF CERTIFICATION (MOC)
In addition to CME credits, ENDO 2017 will offer Maintenance of Certification (MOC) points to diplomates of the American Board of Internal Medicine (ABIM) and the American Board of Pediatrics (ABP). Plan on attending the MOC Forum session to keep up to date with the latest news in MOC to understand what you need to get and stay certified.
Scientific Program

**Plenary Sessions:** Spanning the spectrum of science, clinical care, and societal implications, an outstanding plenary slate will enlighten you as world-renowned speakers showcase the most cutting-edge research and clinical practice.

**PRESIDENTIAL PLENARY: THE INFLUENCE OF THE MICROBIOME IN CHILDHOOD**

The Gut Microbiota and Childhood Undernutrition
Jeffrey I. Gordon, MD,
Washington University in St. Louis

Early Life Microbiota and Physiologic Development
Martin J. Blaser, MD, New York University Langone Medical Center

**EVOLUTION AND INHERITANCE: THE LONG AND THE SHORT OF STEROIDS, THEIR RECEPTORS, AND MENDELIAN HYPERTENSION**

Evolution of Steroids and Receptors
Joseph E. Thornton, MD, TriHealth Pulmonary Medicine

A Mendelian Form of Hypertension, Above-and-Beyond Salt, Implicates Other Mechanisms of Increased Peripheral Vascular Resistance
Friedrich Luft, MD, Max-Delbrück-Center for Molecular Medicine (Germany)

**GOT MILK? OXYTOCIN AND THE BIOLOGY OF ATTACHMENT: IT’S NOT JUST FOR LACTATION ANYMORE**

Oxytocin and Biology of Human Love
C. Sue Carter, PhD, University of Indiana Kinsey Institute

Oxytocin, Social Bonding, and Empathy: Implications for Autism
Larry J. Young, PhD, Emory University

**COMING OF AGE IN THE TEENAGE BRAIN**

Genetic Loci, Physical, and Neural Determinants of Sexual Behavior
John Perry, PhD, University of Cambridge School of Clinical Medicine (United Kingdom)

Making Connections in the Adolescent Brain
Edward T. Bullmore, FRCP, FRCPsych, FMedSci, University of Cambridge School of Medicine/GSK (United Kingdom)
CONTROVERSIES IN THYROID CANCER SURGERY
Cosponsored with the American Association of Endocrine Surgeons

Chair: David L. Steward, MD, University of Cincinnati

Hemithyroidectomy — Pros and Cons
Julie Ann Sosa, MD, MA, Duke University
Paul G. Gauger, MD, University of Michigan

Do Molecular Diagnostics Impact the Extent of Thyroid Cancer Surgery?
Pros and Cons
Sally E. Carty, MD, University of Pittsburgh Medical Center
Martha A. Zeiger, MD, Johns Hopkins University

WHEN TO BE AGGRESSIVE WITH AGGRESSIVE THYROID CANCER
Developed in collaboration with the American Society of Clinical Oncology

A cross-disciplinary team using a case-based approach will focus on appropriate utilization of available diagnostic tools to classify high-risk thyroid cancer patients, risk and benefits of targeted therapies, and recognize when to refer complex patients.

Moderator: Paul Ladenson, MD, Johns Hopkins University School of Medicine
Marcia Brose, MD, PhD, University of Pennsylvania (Oncologist)
Chris Raeburn, MD, University of Colorado (Endocrine Surgeon)
Stephanie Fish, MD, Memorial Sloan Kettering Cancer Center (Endocrinologist)

NEW! AMERICAN ASSOCIATION OF ENDOCRINE SURGEONS (AAES) AND ENDOCRINE SOCIETY AT ENDO
This year, the AAES and the Endocrine Society are co-located at ENDO 2017. Several cross-disciplinary educational sessions have been created to bring together endocrine surgeons, oncologists, obstetricians and gynecologists; and endocrinologists.

ENDOCRINE SOCIETY AND AMERICAN ASSOCIATION OF ENDOCRINE SURGEONS PRESENT: INTERESTING CASE PRESENTATIONS
Moderator: Samuel Snyder, MD, Baylor Scott & White Health

Through a series of interesting and blinded cases covering endocrine-related disorders and their management, a combined panel of specialists from the Endocrine Society and AAES will facilitate discussion of each case and work through the diagnosis and management of each issue. Expect vigorous audience participation with these challenging scenarios.
SPECIAL BASIC SCIENCE SESSIONS

NEW TECHNOLOGY SESSIONS
RNAi and CRISPR-Cas9 Technology, and Their Applications in Genome-Scale Screens
William C. Hahn, MD, PhD, Dana Farber Cancer Institute

Calcium Imaging in Conscious Animals
Jérôme Lecoq, PhD, Allen Institute for Brain Science

SPECIAL SYMPOSIA
Big Data for Endocrine Researchers: NURSA as a Resource
Designed to help basic scientists integrate their outstanding endocrine bench science with the large world of big data.

Endocrine-Disrupting Chemicals: More Fracking Bad News
EDC research has revealed an increasing number of harmful compounds and mechanisms of action, with updates on endocrine disruption of fetal development and chemical exposures derived from fracking. This session will update you on these issues as well as controversies in endocrine disruptor science.

KNOCKOUT ROUNDS
Communicating the importance of endocrine research to funders and the public is an essential skill. Back for a second year, the Knockout Rounds provide trainees and early-career professionals with a novel presentation opportunity. With a single slide each, 15 presenters will describe the impact of their research on enhancing health outcomes. The audience and an esteemed panel of judges will select the best presentations.

SPECIAL SESSIONS

THE GREAT ENDOCRINE DEBATE
The Diabetes Dilemma: How to Treat Type 2 Diabetes
Moderator: Gordon C. Weir, MD, Joslin Diabetes Center/Harvard Medical School

New Drugs for Diabetes: True Innovation with Real Patient Benefits
Daniel J. Drucker, MD, Mt. Sinai Hospital

The New Drugs: Are We Benefitting Anyone Other Than Pharma?
David Nathan, MD, Harvard Medical School

ENDOCRINE “YEAR-IN” SESSION
A Decade in Healthcare Delivery: Re-Envisioning Healthcare Delivery
M. Carol Greenlee, MD, Western Slope Endocrinology

CLARK T. SAWIN MEMORIAL HISTORY OF ENDOCRINOLOGY LECTURE
A Chemist, A Patient, and the 1950 Nobel Prize in Physiology and Medicine: The Stories Behind the Stories on Cortisone
William F. Young, Jr. MD, MSc, Mayo Clinic

CLINICAL PRACTICE GUIDELINES
The Endocrine Society will present the newest clinical practice guidelines providing evidence-based recommendations using the most current information to deliver the best healthcare possible.

Endocrine Treatment of Gender Dysphoric/Gender Incongruent Persons
Clinical Task Force Chair: Wylie C. Hembree, MD, New York Presbyterian Hospital/Columbia University Medical Center

Hypothalamic Amenorrhea
Clinical Task Force Chair: Catherine M. Gordon, MD, MSc, Cincinnati Children’s Hospital Medical Center

FOR MORE INFORMATION, VISIT WWW. ENDO2017. ORG
### Symposia

#### ADRENAL HPA AXIS
- **C** Adrenal Surgery: How Much is Too Much and How Little is Too Little?
- **B** Controversies in Primary Aldosteronism
- **C** Metabolism of Endocrine Tumors
- **T** Monogenic Adrenal Insufficiencies
- **T** Pheochromocytoma and Paragangliomas: From Mechanisms to Diagnostics

#### DIABETES AND GLUCOSE METABOLISM
- **C** Can We Improve Cardiovascular Risk in Type 2 Diabetes?
- **C** Complications of Diabetes Mellitus in Children
- **T** Discovery and Deorphanization of Neuropeptides and Their Receptors
- **T** Don’t Stress Your Heart Out: Corticosteroids and Cardiovascular Function
- **B2B** Gastrointestinal Hormones in the Treatment of Disease

#### BONE, CALCIOTROPIC HORMONES, AND VITAMIN D
- **T** The Emerging Role of FGF23 in Health
- **B2B** Forging New Frontiers in Osteoporosis Therapy: Advances in Bone Biology and Clinical Outcomes
- **B** Genetics of Bone Mass Regulation
- **T** Novel Regulators of Bone Mass Accrual
- **C** Rare Bone Diseases: Diagnosis, Care, and Implications for Bone Biology
- **T** Thirty Years of PTHrP: Villain to Hero
- **C** Under Recognized Causes of Osteoporosis

#### CANCER/NEOPLASIA
- **C** Controversies in Thyroid Cancer Surgery
- **T** Controversy on Prolactin Action in Breast Cancer Progression
- **C** Craniopharyngioma and Its Aftermath: An Update on a Benign Tumor That is Not So “Benign”
- **B** Mechanisms of AR Dependence and Independence in Advanced Prostate Cancer
- **B** Metabolism of Endocrine Tumors
- **T** Novel Insights into Thyroid Tumorigenesis
- **T** Nuclear Receptor Signaling: Master Regulator and Progeny
- **T** Pheochromocytoma and Paragangliomas: From Mechanisms to Diagnostics
- **T** Thirty Years of PTHrP: Villain to Hero
- **T** Tumor Microenvironment in Hormonally Regulated Cancers
- **C** When is Thyroid Cancer Not a Cancer? Implications of a Name Change

#### GENE REGULATION AND DEVELOPMENT
- **C** Childhood Growth: From Genes to Society
- **B** Chromatin Architecture and the Epigenome
- **B2B** Delayed Puberty: Novel Mechanisms and Clinical Care
- **C** Genetics of Bone Mass Regulation
- **T** How Sweet It Is: New Research in Type 1 Diabetes
- **B** Life and Death of Beta Cells
- **T** Molecular Causes of Pituitary Diseases
- **C** Monogenic Adrenal Insufficiencies
- **T** Neuroendocrine Stem Cells
- **C** Novel Insights in GnRH-Gonadotropin Regulation
- **B** Novel Regulators of Bone Mass Accrual
- **B2B** Nuclear Receptor Signaling: Master Regulator and Progeny
- **C** Pheochromocytoma and Paragangliomas: From Mechanisms to Diagnostics
- **C** Recent Bone Diseases: Diagnosis, Care, and Implications for Bone Biology
- **B2B** Recent Developments in Diabetic Kidney Disease
- **B** Vive La Différence: The Complexity of Sexual Dimorphism
LIPIIDS AND VASCULAR BIOLOGY
- The Consequences of Ectopic Fat Deposition in the Liver
- Don’t Stress Your Heart Out: Corticosteroids and Cardiovascular Function
- The Emerging Role of FGF23 in Health
- Genetics of Lipid Physiology and Treatment
- Linking Lipid Metabolism to Cardiometabolic Disease
- Lipid Droplets as a Novel Driver of Metabolism
- Recent Developments in Diabetic Kidney Disease
- Targeting Triglycerides: A Novel Means for Cardiovascular Disease Prevention

MEMBRANE RECEPTORS AND INTRACELLULAR SIGNALING
- Discovery and Deorphanization of Neuropeptides and Their Receptors
- Integrating GPCR Signaling Networks
- New Insights into Mechanisms Controlling Endocrine Secretion
- New Insights into Signaling Networks

NEUROENDOCRINOLOGY AND PITUITARY
- Beyond the Reproductive Brain: The Novel Faces of Kisspeptins
- Craniopharyngioma and Its Aftermath: An Update on a Benign Tumor That is Not So “Benign”
- Delayed Puberty: Novel Mechanisms and Clinical Care
- Discovery and Deorphanization of Neuropeptides and Their Receptors
- Molecular Causes of Pituitary Diseases
- Neuroendocrine Stem Cells
- New Insights into Mechanisms Controlling Endocrine Secretion
- Non-Traditional Models for Neuroendocrine Studies
- Novel Insights in GnRH-Gonadotropin Regulation
- Pituitary Axes Crosstalk
- Visionary Endocrinology

NUCLEAR RECEPTORS AND STEROID HORMONE ACTION
- Chromatin Architecture and the Epigenome
- Don’t Stress Your Heart Out: Corticosteroids and Cardiovascular Function
- Integrating GPCR Signaling Networks
- Intratumoral Steroidogenesis: Pathogenesis and Consequences
- Mechanisms of AR Dependence and Independence in Advanced Prostate Cancer
- Nuclear Receptor Signaling: Master Regulator and Progeny
- Revolutions in Estrogen Receptor Ligands
- Sex Differences in Obesity
- Tumor Microenvironment in Hormonally Regulated Cancers

OBESITY ADIPOCYTE BIOLOGY AND APPETITE
- The Consequences of Ectopic Fat Deposition in the Liver
- Gastrointestinal Hormones in the Treatment of Disease
- Lipid Droplets as a Novel Driver of Metabolism
- Linking Lipid Metabolism to Cardiometabolic Disease
- Metabolism Bites Back: Why Am I Regaining Weight?
- PCOS: What’s Metabolic Dysfunction Got to Do with It?
- Pediatric Obesity: Mechanisms, Consequences, and Novel Treatment Approaches
- Sex Differences in Obesity
- The Sugar Tax: Can We Really Legislate Weight Loss?
- Treatment Options for Obesity
- Where is the Sweet Tooth? Mechanisms Governing Palatable Intake and Weight Gain
Symposia (continued)

PEDiatric ENDOcrinoLOGY

C Adrenal Surgery: How Much is Too Much and How Little is Too Little?
C Childhood Growth: From Genes to Society
C Complications of Diabetes Mellitus in Children
B T Congenital Thyroid Disorders: Stem Cells and Genetics
C Craniohypophyseal and Its Aftermath: An Update on a Benign Tumor That is Not So “Benign”
B T Delayed Puberty: Novel Mechanisms and Clinical Care
B Genetics of Bone Mass Regulation
C Growing up Is Hard to Do: Transition of the Pediatric Patient to the Adult World
B C How Sweet It Is: New Research in Type 1 Diabetes
B T Molecular Causes of Pituitary Diseases
C T Monogenic Adrenal Insufficiencies
C Pediatric Obesity: Mechanisms, Consequences, and Novel Treatment Approaches
C Rare Bone Diseases: Diagnosis, Care, and Implications for Bone Biology
C T Under Recognized Causes of Osteoporosis

REPRODUCTIVE ENDOcrinoLOGY

B Beyond the Reproductive Brain: The Novel Faces of Kisspeptins
B T Critical Steps of Sperm Under Scrutiny
B T Delayed Puberty: Novel Mechanisms and Clinical Care
C Endocrine Disorders in Pregnancy
C T Endocrine-Disrupting Chemicals: More Fracking Bad News
C Growing up Is Hard to Do: Transition of the Pediatric Patient to the Adult World
B T Klinefelter Syndrome: From Bench to Behavior to Babies
B Life History of Leydig and Sertoli Cells
B T New Dimensions in How We Approach Fertility Outcomes
B T Novel Insights in GnRH-Gonadotropin Regulation
C T Ovarian Reserve to Ovulation—Activation, Measurements, and All Things Fertility
C PCOS: What’s Metabolic Dysfunction Got to Do with It?
B T Thirty Years of PTHrP: Villain to Hero

THYROID/HPT AXIS

B T Congenital Thyroid Disorders: Stem Cells and Genetics
C Controversies in Thyroid Cancer Surgery
C The Evolving Management of Hyperthyroidism
B New Insights into Thyroid Hormone Action: Physiological and Pathophysiological Mechanisms
T Novel Insights into Thyroid Tumorigenesis
C When and How to Treat Subclinical Hypothyroidism
C When is Thyroid Cancer Not a Cancer? Implications of a Name Change

DATA AND ASSAYS

B Big Data: New Resources for Endocrine Researchers
C Clinical Assay Issues: What Clinicians Should Know
Meet-the-Professor, Case Management, and Master Clinician Beyond-the-Guideline Sessions

Interactive and case-based sessions designed for the up-to-date clinician. Several sessions have cross-disciplinary teams and, new this year, non-clinical sessions designed to deepen your understanding of both the science and the art of clinical practice.

ADRENAL
- Adrenal Incidentalomas
- Attenuated Congenital Adrenal Hyperplasia
- Congenital Adrenal Hyperplasia in Peds
- Diagnosis and Management of Hyponatremia
- Diagnosis and Management of Pheochromocytoma/Paraganglioma
- Diagnosis and Treatment of Adrenal Insufficiency
- Primary Hyperaldosteronism: What’s New and Clinically Relevant?

BONE, CALCIOTROPIC HORMONES, AND VITAMIN D
- Beyond the Guidelines: Challenging Cases of Hyperparathyroidism
- Bone Health in Patients with Cancer
- Challenges in DXA Interpretation: Do eXpect Anomalies
- Diagnosis and Management of Hypocalcemia: Old Friends and New
- Hypophosphatemic Diseases
- Osteoporosis Treatment Failure, Change of Therapy, and Drug Holidays
- Renal Bone Disease

DIABETES AND GLUCOSE METABOLISM
- Diabetes and Metabolic Bone Health
- Diagnosis and Management of Diabetes in Pregnancy
- Co-Morbidities in Diabetes and Cardiovascular Disease
- Evolving Insulin Therapy
- Goals of Diabetes Care in the Oldest Old
- How to be a Change Agent
- Hypoglycemia
- Neuropathy
- Diabetes Technology: Pumps and Sensors
- Type 1 Diabetes in Toddlers

GENERAL ENDOCRINOLOGY
- Appropriate Use of New Medications: The PCSK9 Monoclonal Antibodies
- Cancer Therapies/Immunotherapy-Induced Endocrine Disease
- Challenging Patients: Doc, Something is Wrong with my Glands
- Familial Endocrine Tumors/Syndromes
- Growth Hormone Therapy in Adults: Getting It Right
- HIV and Endocrine Disorders
- Transplant-Associated Endocrine Complications

NEUROENDOCRINOLOGY AND PITUITARY
- Beyond the Guidelines: Expert Advice for Challenging Cushing Patients
- Diagnosis and Management of Diabetes Insipidus
- Diagnosis and Management of Prolactinoma
- Medical Management of Acromegaly: An Update
- Metastatic Neuroendocrine Tumors
- Perioperative Management of Pituitary Tumors

OBESITY AND LIPIDS
- The Utilization of Cholesterol Guidelines and Recommendations in Managing Patients with Dyslipidemia
- Care of Post Bariatric Surgery Patients: The Good, the Bad, and the Ugly
- Intensive Weight Management
- Lipid Disorders in Women
- Lipodystrophy
- Statin Intolerance
- What Can a Clinician Learn from Genetic Obesity Syndromes?
Meet-the-Professor, Case Management, and Master Clinician Beyond-the-Guideline Sessions (continued)

**PEDIATRIC ENDOCRINOLOGY**
Congenital Adrenal Hyperplasia in Pediatrics  
Short Stature  
Type 1 Diabetes in Toddlers  
Type 2 Diabetes in Pediatrics  
Management of Precocious Puberty: Questions and Considerations  
Pubertal Inductions and Management of Sex Hormones During Adolescence  
Turner Syndrome

**THYROID**
Beyond the Guidelines: When to be Aggressive with Aggressive Thyroid Cancer  
Challenging Thyroid Function Tests  
Medullary Thyroid Cancer  
MEN2  
Subclinical Thyroid Disease  
Thyroid Disease in the Elderly  
When Less is More in Low Risk Thyroid Cancer Patients

**REPRODUCTIVE ENDOCRINOLOGY**
Beyond the Guidelines: Testosterone in Aging Men  
Congenital Thyroid Disease  
Evaluation and Treatment of Women with Hirsutism and Androgenic Alopecia  
Gynecomastia  
Managing Menopause  
PCOS  
Management of Precocious Puberty: Questions and Considerations  
Pubertal Inductions and Management of Sex Hormones During Adolescence  
Testosterone: To Treat or Not to Treat, That Is the Question  
Transgender Care across the Age Continuum  
Turner Syndrome  
What the Practicing Endocrinologist Needs to Know about Fertility Preservation

“Attending the Meet-the-Professor sessions offers up-to-date case discussion led by the top experts in the field of endocrinology. It is the highlight of ENDO for those of us in clinical practice.”

— Carol H. Wysham, MD  
Rockwood Center for Diabetes and Endocrinology
More than 2,200 poster presentations highlighting the latest scientific and medical discoveries create an additional opportunity for attendees at the ENDOExpo. Plus, you will have the opportunity to discuss the research and its implications with the abstract authors.

ENDOEXPO HOURS
10:30 AM – 4:00 PM
POSTER PRESENTATIONS
1:00 – 3:00 PM

More than 2,200 poster presentations highlighting the latest scientific and medical discoveries create an additional opportunity for attendees at the ENDOExpo. Plus, you will have the opportunity to discuss the research and its implications with the abstract authors.

NEW: INFORMAL NETWORKING OPPORTUNITIES
We know one of the primary reasons you attend ENDO is to make new professional connections, explore potential research collaborations, and meet up with old friends. Join us on the ENDOExpo floor in one of our Connection Zones; some of the zones will have a formal schedule of events and mini-sessions, while others will have posted “meet up” times for informal networking by therapeutic and/or research interest.
Registration Rates

PREMIUM REGISTRATION PACKAGE

For the best savings and highest educational value, select this option to receive the ENDO 2017 Session Recordings and a FREE Meet-the-Professor Clinical Case Management book.

<table>
<thead>
<tr>
<th>REGISTRATION TYPE</th>
<th>EARLY (Oct 5–Jan 17)</th>
<th>ADVANCED (Jan 18–Feb 28)</th>
<th>LATE (Mar 1–29)</th>
<th>ON-SITE (Mar 30–Apr 4)</th>
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STANDARD REGISTRATION

Includes ENDO 2017 registration only. DOES NOT include Session Recordings or Meet-the-Professor Clinical Case Management book.

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</table>

HOW TO REGISTER

ONLINE
www.endo2017.org

DOMESTIC AND INTERNATIONAL
Phone: +1 774.247.4000

ENDO 2017 HOUSING BLOCK
Book your hotel reservation through the ENDO 2017 Housing Bureau to receive the best rates, optimal location, and best networking opportunities. View the official list of hotels at www.endo2017.org/hotels and reserve your room today.

CONTACT INFORMATION

REGULAR AND GROUP REGISTRATION
Phone: +1.774.247.4000
Email: ENDO@xpressreg.net

REGULAR HOUSING
Phone (US): 855.905.9876
Phone (Outside US): +1.312.527.7300
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*Meet-the-Professor Endocrine Case Management* is designed to provide clinicians with an efficient and high-quality review of more than 70 endocrine disorders, both common and rare. The expert contributors have been selected for their deep understanding of the topic, clinical experience, and ability to clearly communicate complex information.

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- Be eligible for members-only travel grants
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www.endocrine.org/join
KEY DATES

EARLY REGISTRATION
October 5, 2016 – January 17, 2017
(Prices increase after this date.)

ABSTRACT SUBMISSION DEADLINE
November 8, 2016

LATE-BREAKING ABSTRACT SUBMISSION
January 11 – February 13, 2017

ADVANCE REGISTRATION
January 18 – February 28, 2017
(Prices increase after this date.)

LATE/ON-SITE REGISTRATION
March 1 – April 4, 2017

HOUSING REQUEST DEADLINE
March 7, 2017

WWW.ENDO2017.ORG