

# ENDO2023

JUNE 15-18, 2023 CHICAGO, IL

## PROGRAM AND MEETING GUIDE

[ENDOCRINE.ORG/ENDO2023](https://endocrine.org/endo2023)



ENDOCRINE  
SOCIETY 



## VISIT OUR ENDO STORE TO SAVE 10% ON YOUR PURCHASE

Elevate your expertise in endocrinology with our top-tier educational resources while shopping for the ultimate endocrine gifts.



### ENDOCRINE GIFTS AND SOUVENIRS

Unleash your love for endocrinology, and discover our new apparel, gland socks, plushies, keychains, pins, and more.



### COMPREHENSIVE CARE FOR PERSON'S WITH DIABETES

This online program will educate you on the latest clinical guidelines and methods for managing diabetes. Earn CME credits, assess your knowledge, and earn your certificate.



### MEET THE PROFESSOR 2023

Be one of the first to pick up your book! Discover expert insights on more than 40 case studies covering the spectrum of endocrinology and earn 30.0 *AMA PRA Category 1 Credits™*.



### ENDOCRINE EDUCATION CASES FLASHCARDS

These flashcards provide illustrated medical cases in vital topics of endocrine care. Consult these during class, hospital rounds, and group study.



### ESAP 2023

The premier self-study tool includes three learning modes and 120 multiple-choice questions covering all aspects of endocrinology, diabetes, and metabolism.

# WELCOME TO ENDO 2023

On behalf of our planning committee and the entire Endocrine Society, welcome to ENDO 2023! We are excited about this year's scientific program and hope it will improve your knowledge and spark new ideas, while also bringing the entire endocrine community together to network and make new connections. This year's meeting welcomes thousands of attendees from all over the globe. Our expert faculty are ready to share their insights and drive four days of transformative conversations about hormone health and science. Take advantage of all that ENDO 2023 has to offer! Make the most of our education program. Meet new colleagues at one of our many available receptions. Visit the ENDOExpo to meet the exhibitors and poster presenters who want to share their science with you. Explore the historic city of Chicago.

We cannot wait to hear about your experiences and hope you enjoy ENDO 2023!



**JENNY A. VISSER, PHD**  
Annual Meeting Chair



**CAROLYN L. CUMMINS, PHD**  
Basic Science Chair



**CHRISTOPHER ROLLAND MCCARTNEY, MD**  
Clinical Science Chair



**STEPHEN M. ROSENTHAL, MD**  
Clinical Practice Chair

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## TABLE OF CONTENTS

<b>2</b>	<b>GENERAL INFORMATION</b>	<b>12</b>	<b>PROGRAM AND EVENTS</b>	<b>31</b>	<b>ENDOEXPO FLOOR PLAN</b>
<b>3</b>	<b>ACCREDITATION AND CLAIMING CREDITS</b>	<b>14</b>	<b>PROFESSIONAL DEVELOPMENT WORKSHOPS</b>	<b>32</b>	<b>MCCORMICK PLACE FLOOR PLANS</b>
<b>4</b>	<b>BASIC SCIENCE PATHWAYS</b>	<b>18</b>	<b>SCHEDULE AT A GLANCE</b>	<b>35</b>	<b>HYATT REGENCY McCORMICK PLACE FLOOR PLANS</b>
<b>8</b>	<b>ABSTRACT SESSIONS</b>	<b>29</b>	<b>PRODUCT THEATERS</b>		
<b>10</b>	<b>AWARDS SCHEDULE</b>	<b>30</b>	<b>ENDOEXPO EXHIBITOR LIST</b>		

# GENERAL INFORMATION

## ABSTRACTS

ENDO 2023 abstracts are freely accessible in the ENDO 2023 Meeting App and in the online meeting planner. Abstracts will also be published online as a supplement to the June 2023 issue of the *Journal of the Endocrine Society* (JES). Unless otherwise noted, all abstracts presented at ENDO 2023 are embargoed until the date and time of presentation. The Endocrine Society reserves the right to lift the embargo on specific abstracts that are selected for promotion prior to or during ENDO 2023.

## ENDOEXPO

**THURSDAY, JUNE 15**  
9:30 AM–4:30 PM CT

**FRIDAY, JUNE 16**  
9:00 AM–4:00 PM CT

**SATURDAY, JUNE 17**  
8:00 AM–2:00 PM CT

ENDO 2023 will feature an in-person expo with organizations in the endocrine space showcasing their latest products, services, and innovations.

## PROFESSIONAL RESOURCES CENTER

**THURSDAY, JUNE 15**  
9:30 AM–4:30 PM CT

**FRIDAY, JUNE 16**  
9:00 AM–4:00 PM CT

**SATURDAY, JUNE 17**  
8:00 AM–2:00 PM CT

Located in the ENDOExpo, the Professional Resources Center combines education, news, and networking in one location. Join us for our Career Fair on **Friday, June 16 from 2:00–4:00 PM CT**.

## ENDO STORE

**THURSDAY, JUNE 15**  
9:30 AM–4:30 PM CT

**FRIDAY, JUNE 16**  
9:00 AM–4:00 PM CT

**SATURDAY, JUNE 17**  
8:00 AM–2:00 PM CT

Don't miss your chance to purchase Endocrine Society educational products, including *ESAP™ 2023*, *Endocrine Case Management: Meet the Professor 2023*, and our new Diabetes Certificate Program, as well as apparel and gifts for friends and family at discounted rates! Located in the ENDOExpo.

## ENDOCRINE SOCIETY BOOTH

**THURSDAY, JUNE 15**  
9:30 AM–4:30 PM CT

**FRIDAY, JUNE 16**  
9:00 AM–4:00 PM CT

**SATURDAY, JUNE 17**  
8:00 AM–2:00 PM CT

Visit the Endocrine Society Booth for free swag, prizes, and the latest on what's going on at the Endocrine Society. Relax, catch up with colleagues, participate in our putt-putt golf challenge, and even have your caricature drawn on Friday or Saturday. Located in the ENDOExpo.

## POSTER HALL

**THURSDAY, JUNE 15**  
9:30 AM–4:30 PM CT

**FRIDAY, JUNE 16**  
9:00 AM–4:00 PM CT

**SATURDAY, JUNE 17**  
8:00 AM–2:00 PM CT

### West Building, Level 3, Hall F2, ENDOExpo

Network with colleagues and view the latest advances in endocrinology with more than 2,300 posters on display.

## REGISTRATION

**WEDNESDAY, JUNE 14**  
8:00 AM–6:00 PM CT

**THURSDAY, JUNE 15**  
7:00 AM–6:15 PM CT

**FRIDAY, JUNE 16**  
7:00 AM–6:15 PM CT

**SATURDAY, JUNE 17**  
7:00 AM–6:15 PM CT

**SUNDAY, JUNE 18**  
7:00 AM–1:00 PM CT

West Building, Level 3, West Center Lobby,  
McCormick Place

## SHUTTLE SERVICE

Attendees to ENDO 2023 will receive Shuttle Bus Service on the following schedule:

**WEDNESDAY, JUNE 14**  
8:00 AM–6:00 PM CT

**THURSDAY, JUNE 15**  
6:30–10:00 AM CT, 3:30–8:00 PM CT

**FRIDAY, JUNE 16**  
6:15–10:00 AM CT, 3:30–7:30 PM CT

**SATURDAY, JUNE 17**  
6:15–10:00 AM CT, 3:30–7:30 PM CT

**SUNDAY, JUNE 18**  
6:15 AM–2:30 PM CT

Shuttle Bus Service will be provided at the following hotel properties:

## ROUTE # 1

### Sheraton Grand Chicago & Loews Chicago

Pickup at Front Entrance of Sheraton, across N. Water Street

### DoubleTree Magnificent Mile

Pickup at curbside on N. Fairbanks Court

### Embassy Suites Chicago Downtown & Aloft Chicago Magnificent Mile

Pickup at Embassy Suites Chicago Downtown on N. Water Street

## ROUTE # 2

### Courtyard by Marriott

Pickup on River North State & Hubbard

### Hyatt Regency Chicago, Fairmont Chicago Millennium Park, Swissotel

Pickup at Hyatt Regency Curbside on Wacker Dr.

## ROUTE # 3

### Palmer House Hilton

Pickup at Palmer House Hilton Curbside on Wabash Ave.

## ROUTE # 4

### Hilton Chicago

Pickup at curbside on 8th Street

Attendees who do not reserve rooms through the Society's official housing company (onPeak) must purchase a \$75 shuttle pass to be able to ride shuttle buses.

## SHUTTLE PICKUP & DROP OFF

Main Transportation Area, Level 1,  
Gates 43 & 44 at McCormick Place

## WI-FI

Wi-Fi SSID: ENDO2023

Password: Ascendis

Wi-Fi Sponsored by



## FUTURE MEETINGS

**ENDOCRINE BOARD REVIEW 2023**  
SEPTEMBER 8-10, 2023, ONLINE ONLY

**CLINICAL ENDOCRINOLOGY**  
**UPDATE 2023**  
SEPTEMBER 21-23, 2023, ONLINE ONLY

**ENDO 2024**  
JUNE 1-4, 2024, BOSTON, MA

## COAT AND LUGGAGE CHECK

**SATURDAY, JUNE 17**  
7:00 AM–6:15 PM CT

**SUNDAY, JUNE 18**  
7:00 AM–1:00 PM CT

Main Transportation Area, Level 1,  
Gates 43 & 44 at McCormick Place

# ACCREDITATION AND CLAIMING CREDITS

## ACCREDITATION

### ACCREDITATION STATEMENT

The Endocrine Society is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. The Endocrine Society has achieved Accreditation with Commendation.



The Endocrine Society designates this activity for a maximum of 110.0 *AMA PRA Category 1 Credits*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### MAINTENANCE OF CERTIFICATION (MOC)

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 27.25 MOC points in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM or ABP MOC credit.



## CLAIMING CREDITS

### ENDO 2023 CREDIT CLAIMING INSTRUCTIONS

1. Log into [education.endocrine.org](https://education.endocrine.org)
2. Select "My Courses" from the left side menu
3. Find ENDO 2023 and select "Start Course" to launch the evaluation and claim credit

### ENDO 2023 ANCILLARY SYMPOSIA CREDIT CLAIM INSTRUCTIONS

1. Log into [education.endocrine.org](https://education.endocrine.org)
2. Select "My Courses" from the left side menu
3. Find the symposium you attended and select "Start Course" to launch the evaluation and claim credit

**Note:** the evaluation is only available to those who are marked as attended. In person attendees are to check in before the session. As this is for attendees only, the evaluation will be available within 24 hours following the event and attendees will be notified via email.



## BECOME A MEMBER!

We are your colleagues, mentors, innovators, and champions throughout your career. Join the Endocrine Society today and access vital tools and resources that will help you make your greatest impact on the field of endocrinology.

[ENDOCRINE.ORG/JOIN](https://endocrine.org/join)



# BASIC SCIENCE PATHWAYS

Our popular Science Pathways are back and have been enhanced to provide you with a focused meeting experience.

These special “meeting-within-a-meeting” tracks integrate focused discussions, oral and poster abstract sessions, and networking opportunities, and include a reception with thought leaders and colleagues. This year’s Pathways will cover diabetes and metabolism, neuroendocrinology, nuclear receptors and signaling, and reproductive endocrinology.

## DIABETES AND METABOLISM

THURSDAY, JUNE 15

10:00–11:30 AM CT

[SY003] SYMPOSIUM: Alpha Cells in Type 1 Diabetes

W-180

11:45 AM–12:30 PM CT

[MTS001] MEET-THE-SCIENTIST: Three-Dimensional (3D) Chromatin Organization To Study Cell-Type Specific Gene Regulatory Programs in the Pancreas

W-179A

1:30–3:00 PM CT

[SY0020] SYMPOSIUM: NAFLD: Endocrine Targets

W-184A

[SY014] SYMPOSIUM: Acinar and Beta Cell Crosstalk in the Pathogenesis of Pancreatic Cancer, Pancreatitis, and Diabetes

W-180

4:30–6:00 PM CT

[SY024] SYMPOSIUM: Novel Perspectives on Insulin Secretion

W-175

[DO02] ENDOCRINE DEBATE: Does Activating Brown Fat Contribute to Important Metabolic Benefits in Humans?

W-375A (ENDO Main Stage)

FRIDAY, JUNE 16

10:30 AM–12:00 PM CT

[SY033] SYMPOSIUM: Redefining Type 2 Diabetes Phenotypes, Complications and Treatment

W-179A

1:00–2:30 PM CT

[SY049] SYMPOSIUM: Brown Fat Biogenesis Tissue Complexity and Cell-to-Cell Communication

W-176

[OR12] ORAL ABSTRACT: Novel Islet Cell and Hypothalamic Mechanisms in Regulation of Glucose Homeostasis and Responses to Hypoglycemia

W-179A

2:45–3:30 PM CT

[YIR001] ENDOCRINE YEAR-IN: Year in Obesity from the Basic Science Perspective

W-375A (ENDO Main Stage)

3:45–5:15 PM CT

[SY058] SYMPOSIUM: Exogenous Factors Affecting Obesity

W-179A

[SY053] SYMPOSIUM: New Aspects of GPCR Signaling

W-183B

SATURDAY, JUNE 17

8:00–9:30 AM CT

[SY069] SYMPOSIUM: The Emerging Endocrine Role of Skeletal Muscle in Metabolism, Exercise, and Aging

W-180

[SY063] SYMPOSIUM: Long COVID-19 and Endocrinology

W-184A

11:30 AM–1:00 PM CT

[SY086] SYMPOSIUM: Biomarkers of Gestational Diabetes Mellitus: Prevention of Disease Progression and Future Type 2 Diabetes?

W-175

[SY083] SYMPOSIUM: New Aspects of Glucagon Signaling in the Liver

W-180

[OR18] ORAL ABSTRACT: Novel Insights into Insulin and Leptin Signaling Mechanisms

W-178B

3:30–5:00 PM CT

[SY092] SYMPOSIUM: Endocrinology of the White Adipose Tissue Microenvironment

W-179B

[SY088] SYMPOSIUM: Glucagon: Past, Present, and Future

W-178A

[OR24] ORAL ABSTRACT: Fatty Liver Disease and Dyslipidemias

W-181

SUNDAY, JUNE 18

8:00–9:30 AM CT

[SY096] SYMPOSIUM: Fasting Models to Disrupt Metabolic Diseases and Aging

W-179A

[SY097] 2023 ENDO NIDDK EARLY INVESTIGATOR SYMPOSIUM: Circadian Rhythms at the Intersection of Energy Balance and Metabolism

W-181

11:45 AM–1:15 PM CT

[SY100] SYMPOSIUM: Structure and Activation of Insulin, IGF1, and Hybrid Receptors

W-179B

## NEUROENDOCRINOLOGY

THURSDAY, JUNE 15

10:00–11:30 AM CT

[OR01] ORAL ABSTRACT: Neuroendocrinology: Molecular and Physiological Aspects

W-175

1:30–3:00 PM CT

[SY011] SYMPOSIUM: Neuroendocrine Dysfunction and Pituitary Deficiencies After Traumatic Brain Injury

W-183A

4:30–6:00 PM CT

[SY030] SYMPOSIUM: Brain and Body Collide: Severe Mental Illness and Glucose Dysregulation.

W-183B

[SY021] SYMPOSIUM: The Hypothalamic Tanycyte: An Essential Neuroendocrine Mediator

W-179A

FRIDAY, JUNE 16

10:30 AM–12:00 PM CT

[SY034] SYMPOSIUM: Membrane Receptors Linking Metabolism and Reproduction

W-183A

1:00–2:30 PM CT

[SY041] SYMPOSIUM: Post-Transcriptional Regulation as a Mediator of Hypothalamic Pituitary Function

W-178B

SATURDAY, JUNE 17

8:00–9:30 AM CT

[SY060] SYMPOSIUM: Pituitary Stem Cells: Recent Insights

W-176

[SY064] SYMPOSIUM: Lessons Learned From Individuals With Aberrant GH/IGF Signaling: Roles in Other Conditions

W-179B

9:45–11:15 AM CT

[SY073] SYMPOSIUM: Relationship Between Olfactory and Endocrine Systems

W-176

11:30–1:00 AM CT

[OR17] ORAL ABSTRACT: Neuroendocrinology: Development and Pharmacology

W-178A



## SUNDAY, JUNE 18

8:00–9:30 AM CT

[OR28] ORAL ABSTRACT:  
NEUROENDOCRINOLOGY: Basic and  
Clinical Aspects  
W-178A

### NUCLEAR RECEPTORS AND SIGNALING

## THURSDAY, JUNE 15

10:00–11:30 AM CT

[SY002] SYMPOSIUM: Nuclear Receptors  
in Inter-organ Communication in Health and  
Disease  
W-178A

[SY006] SYMPOSIUM: The Evolution of  
Hormone-Dependent Cancers: Challenges and  
Opportunities  
W-176

1:30–3:00 PM CT

[SY013] SYMPOSIUM: Novel Steroids, Novel  
Enzymes and Novel Sites for Steroid Synthesis  
W-176  
[SY019] SYMPOSIUM: Thyroid Hormone in  
Development and Disease  
W-178A

4:30–6:00 PM CT

[SY026] SYMPOSIUM: Mineralocorticoids  
and Cardiovascular Disease  
W-184BC

[SY023] SYMPOSIUM: Androgen and Estrogen  
Control of Mitochondrial Function  
W-178A

## FRIDAY, JUNE 16

10:30 AM–12:00 PM CT

[SY032] SYMPOSIUM: Orphan Nuclear  
Receptors at the Crossroads of Inflammation,  
Immunity, and Cancer  
W-178A

[SY037] SYMPOSIUM: Are We Done Yet? Can  
We Still Improve on NR-Targeting Agents in  
Hormone-Dependent Cancer?  
W-184BC

1:00–2:30 PM CT

[OR11] ORAL ABSTRACT: Nuclear Receptor  
Pharmacology  
W-178A

3:45–5:15 PM CT

[SY051] SYMPOSIUM: Mutant is as Mutant Does:  
Vulnerabilities of ESR1 Mutant Breast Cancers  
W-178A

## SATURDAY, JUNE 17

8:00–9:30 AM CT

[SY062] SYMPOSIUM: Novel Differential  
Glucocorticoid Receptor Agonists to Treat  
Endocrine Disease  
W-178B

9:45–11:15 AM CT

[SY071] SYMPOSIUM: Nuclear Receptors and  
Co-Regulators in Inflammation, Disease, and  
Regeneration  
W-180

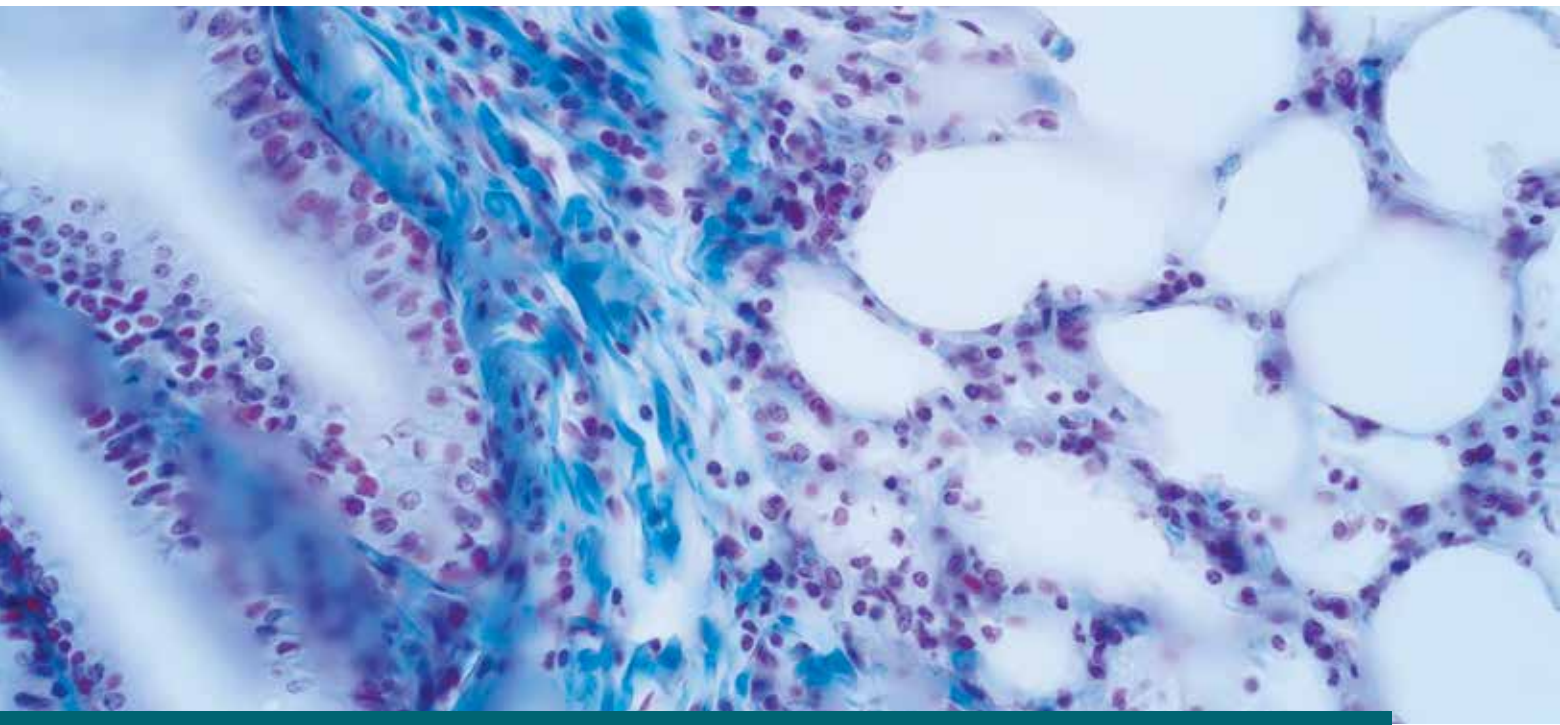
11:30 AM–1:00 PM CT

[SY081] SYMPOSIUM: Side Effects of  
Pharmacologic Glucocorticoids in Critical Illness:  
Basic Mechanisms  
W-176

[SY084] SYMPOSIUM: Ramping Up the  
Anti-Cancer Immune System  
W-179A

3:30–5:00 PM CT

[SY089] SYMPOSIUM: The Yin and Yang of  
Systemic Metabolism and Cancer  
W-179A  
[OR022] ORAL ABSTRACT: Nuclear  
Receptors in Metabolism and Cancer  
W-180



## BASIC SCIENCE PATHWAYS (CONTINUED)

### SUNDAY, JUNE 18

9:45–11:15 AM CT

[OR33] ORAL ABSTRACT: Nuclear Receptors: Transcriptional Dynamics and Kinetics  
W-179A

11:45–1:15 PM CT

[SY099] SYMPOSIUM: Timing is Everything: How Nuclear Receptors Function as Clocks  
W-180

### REPRODUCTIVE ENDOCRINOLOGY

#### THURSDAY, JUNE 15

10:00–11:30 AM CT

[SY008] SYMPOSIUM: Innovations in Reproductive Science  
W-178B

11:45–12:30 PM CT

[MTP01] MEET THE PROFESSOR: Disorders of Sex Development: Current Concepts and Challenges  
W-183C

1:30–3:00 PM CT

[SY018] SYMPOSIUM: Impact of a Warming Planet on Fertility  
W-179A

[OR04] ORAL ABSTRACT: Sex-Specific Regulation of Growth and Reproduction  
W-179B

4:30–6:00 PM CT

[SY028] SYMPOSIUM: Challenges and Opportunities in Reproductive Medicine  
W-183C

[OR06] ORAL ABSTRACT: Mechanisms of Endocrine Disruption by Chemicals  
W-176

#### FRIDAY, JUNE 16

10:30 AM–12:00 PM CT

[SY031] SYMPOSIUM: GnRH at 50: Forging Into the Next 50 Years  
W-175

[OR09] ORAL ABSTRACT: Update on Female Reproduction Throughout the Lifecycle  
W-178B

1:00–2:30 PM CT

[SY048] SYMPOSIUM: Transgenerational Effects of Endocrine Disruptors  
W-180

[D003] ENDOCRINE DEBATE: Pre-consensual Clitorophalloplasty in Patients with DSD: A Conversation on Challenges in Decision-Making  
W-375, Main Stage

2:45–3:30 PM CT

[MTS003] MEET-THE-SCIENTIST: Adeno-Associated Virus Guide RNA Delivery and CRISPR/Cas Approaches to Study the GnRH Pulse Generator  
W-180

3:45–5:15 PM CT

[SY050] SYMPOSIUM: State-of-the-Art Technologies in Neuroendocrine Research  
W-175

#### SATURDAY, JUNE 17

9:45–11:15 AM CT

[SY070] SYMPOSIUM: Circadian Timing and Female Reproduction  
W-175

[SY077] SYMPOSIUM: Recent Advances in the Assessment and Management of PCOS: New Insights and Updates from the 2023 International Evidence-Based Guideline  
W-181

11:30 AM–1:00 PM CT

[OR19] ORAL ABSTRACT: Mechanisms in Female Fertility  
W-184A

3:30–5:00 PM CT

[SY091] SYMPOSIUM: Endocrine Disrupting Chemicals: Effects on Reproduction  
W-176

[SY087] SYMPOSIUM: Estrogen Action on Brain, Metabolism, and Reproductive Behavior  
W-175

#### SUNDAY, JUNE 18

8:00–9:30 AM CT

[SY095] SYMPOSIUM: Genetic and Genomic Foundations of PCOS: An Update  
W-183B

[SY093] SYMPOSIUM: Signaling Mechanisms in Reproductive Endocrinology  
W-180

9:45–11:15 AM CT

[OR35] ORAL ABSTRACT: Polycystic Ovary Syndrome: Models and Big Data  
W-178A

11:45 AM–1:15 PM CT

[SY102] SYMPOSIUM: Emerging Trends in IVF  
W-183A



Developed through a partnership between



CME/CNE



# Concepts to Practice

## The Evolving Landscape of Congenital Adrenal Hyperplasia Management Strategies

**FRIDAY, JUNE 16, 2023 | 6:30 PM – 8:00 PM CT**

**REGISTRATION AND MEAL: 6:00 PM | PRESENTATION: 6:30 PM**

ENDO 2023 ANNUAL MEETING

HYATT MCCORMICK PLACE, 2233 S MARTIN LUTHER KING DRIVE  
CHICAGO, ILLINOIS | **ROOM: REGENCY BALLROOM AB**



For more information, visit:

[www.medscape.com/symposium/cah-evolving-landscape](http://www.medscape.com/symposium/cah-evolving-landscape)

This program is supported by an independent educational grant from Neurocrine Biosciences, Inc.

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# ABSTRACT SESSIONS

## THURSDAY, JUNE 15, 2023

### 10:00–11:30 AM CT

[OR01] ORAL ABSTRACT: Neuroendocrinology: Molecular and Physiological Aspects  
**W-175**

[OR02] ORAL ABSTRACT: All About Aldosterone  
**W-183C**

### 12:30–1:30 PM CT

Rapid Fire Day 1: Bone & Mineral Metabolism  
Rapid Fire Day 1: Late Breaking Abstracts  
Rapid Fire Day 1: Neoplasia & Cancer  
Rapid Fire Day 1: Neuroendocrinology  
Rapid Fire Day 1: Diabetes & Metabolism  
Rapid Fire Day 1: Pediatric Endocrinology  
**Poster Pods, ENDOExpo**

### 1:30–3:00 PM CT

[OR03] ORAL ABSTRACT: Update on Membrane Receptor Signaling  
**W-178B**

[OR04] ORAL ABSTRACT: Sex-Specific Regulation of Growth and Reproduction  
**W-179B**

### 4:30–6:00 PM CT

[OR05] ORAL ABSTRACT: Emerging Cancer Targets and Treatments  
**W-178B**

[OR06] ORAL ABSTRACT: Mechanisms of Endocrine Disruption by Chemicals  
**W-176**

[OR07] ORAL ABSTRACT: Obesity Causes and Consequences  
**W-179B**

## FRIDAY, JUNE 16, 2023

### 10:30 AM–12:00 PM CT

[OR08] ORAL ABSTRACT: Adrenal Neoplasms  
**W-176**

[OR09] ORAL ABSTRACT: Update on Female Reproduction Throughout the Lifecycle  
**W-178B**

[OR10] ORAL ABSTRACT: Obesity Assessment and Therapeutics  
**W-183C**

### 12:00–1:00 PM CT

Rapid Fire Day 2: Adrenal & Pituitary  
Rapid Fire Day 2: Adipose Tissue & Obesity  
Rapid Fire Day 2: Mineralocorticoids  
Rapid Fire Day 2: Neuroendocrinology  
Rapid Fire Day 2: Reproductive Endocrinology  
Rapid Fire Day 2: Thyroid  
**Poster Pods, ENDOExpo**

### 1:00–2:30 PM CT

[OR11] ORAL ABSTRACT: Nuclear Receptor Pharmacology  
**W-178A**

### 1:00–2:30 PM CT

[OR12] ORAL ABSTRACT: Novel Islet Cell and Hypothalamic Mechanisms in Regulation of Glucose Homeostasis and Responses to Hypoglycemia  
**W-179A**

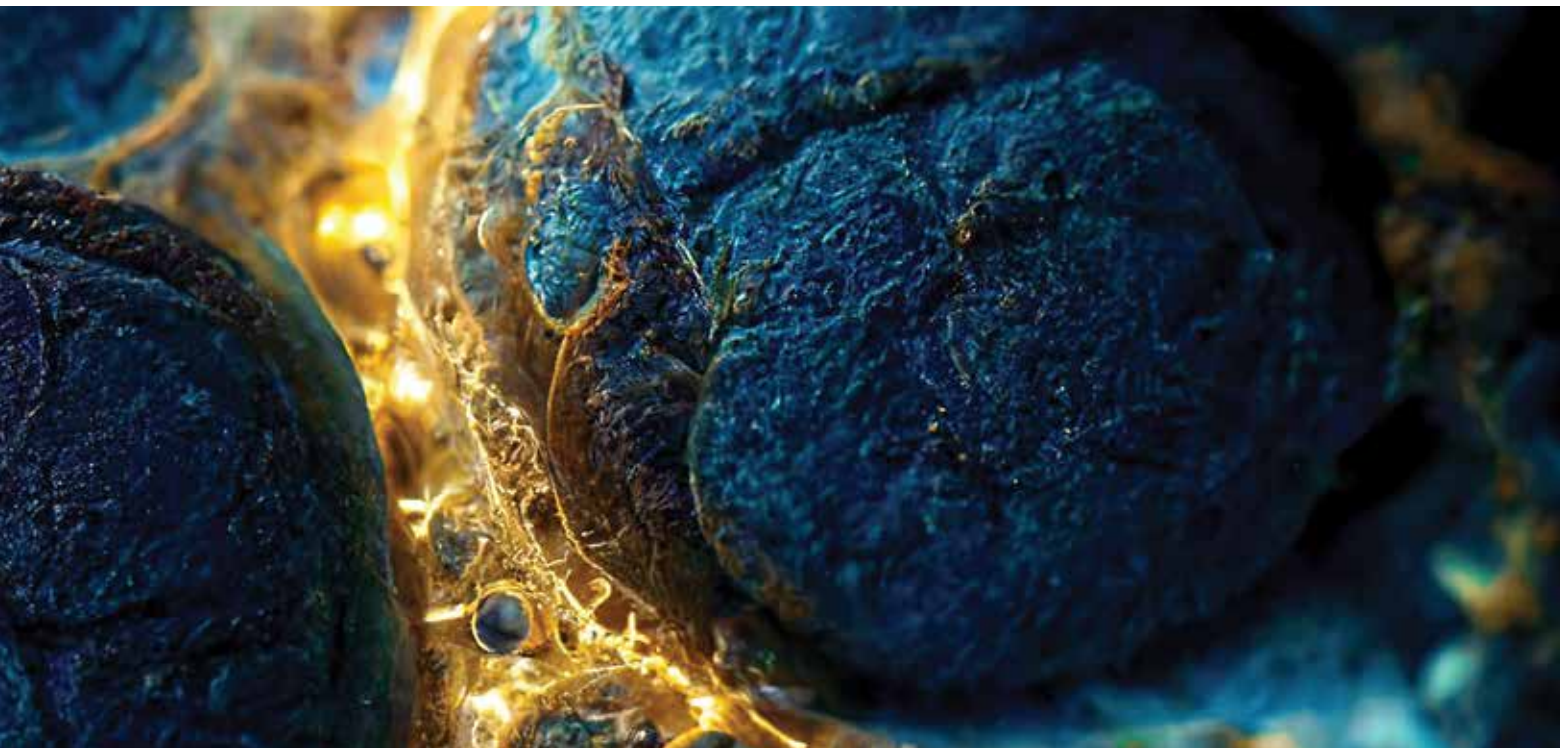
[OR13] ORAL ABSTRACT: Bone Strength and Fracture Risk  
**W-179B**

[OR14] ORAL ABSTRACT: Thyroid Hormones in Health and Disease  
**W-181**

### 3:45–5:15 PM CT

[OR15] ORAL ABSTRACT: Update on Pediatric Obesity  
**W-176**

[OR16] ORAL ABSTRACT: Novel Drivers of Tumor Biology & Neoplasia  
**W-178B**



## SATURDAY, JUNE 17, 2023

### 11:30 AM–1:00 PM CT

[OR17] ORAL ABSTRACT: Neuroendocrinology: Development and Pharmacology

W-178A

[OR18] ORAL ABSTRACT: Novel Insights into Insulin and Leptin Signaling Mechanisms

W-178B

[OR19] ORAL ABSTRACT: Mechanisms in Female Fertility

W-184A

[OR20] ORAL ABSTRACT: Late Breaking 1

W-184BC

### 1:00–2:00 PM CT

Rapid Fire Day 3: Adrenal

Rapid Fire Day 3: Glucose Regulation

Rapid Fire Day 3: Nuclear Receptors

Rapid Fire Day 3: Parathyroid

Rapid Fire Day 3: Reproductive Endocrinology

Rapid Fire Day 3: Thyroid

Poster Pods, ENDOExpo

### 3:30–5:00 PM CT

[OR21] ORAL ABSTRACT: Update on Pediatric Growth Disorders

W-178B

[OR22] ORAL ABSTRACT: Nuclear Receptors in Metabolism and Cancer

W-180

[OR23] ORAL ABSTRACT: PTH-Relevant Biology, Pathophysiology, and Therapeutics

W-183C

[OR24] ORAL ABSTRACT: Fatty Liver Disease and Dyslipidemias

W-181

[OR25] ORAL ABSTRACT: Male Reproduction: Endogenous and Exogenous Androgens

W-183A

[OR26] ORAL ABSTRACT: Thyroid Physiology: From the Lab to The Patient

W-184A

[OR27] ORAL ABSTRACT: Late Breaking 2

W-179B

## SUNDAY, JUNE 18, 2023

### 8:00–9:30 AM CT

[OR28] ORAL ABSTRACT: Neuroendocrinology: Basic and Clinical Aspects

W-178A

[OR29] ORAL ABSTRACT: Novel Phenomena in Bone and Mineral Metabolism

W-178B

[OR30] ORAL ABSTRACT: Adrenal Insufficiency and Congenital Adrenal Hyperplasia

W-184BC

[OR31] ORAL ABSTRACT: Transgender Medicine

W-175

[OR32] ORAL ABSTRACT: Predicting Thyroid Malignancy: What Tools Do We Have?

W-176

### 9:45–11:15 AM CT

[OR33] ORAL ABSTRACT: Nuclear Receptors: Transcriptional Dynamics and Kinetics

W-179A

[OR34] ORAL ABSTRACT: Glucose Regulation in Diabetes Care and Its Complications

W-179B

[OR35] ORAL ABSTRACT: Polycystic Ovary Syndrome: Models and Big Data

W-178A

# AWARDS SCHEDULE

## THURSDAY, JUNE 15

8:00–9:30 AM

W-375, Main Stage

**Global Challenges: Health Impacts of Climate Change**

**C. Wayne Bardin, MD International Travel Award**

Presented to Dalal Ali, MD, FRCPI

**Fred Conrad Koch Lifetime Achievement Award**

Presented to Mitchell A. Lazar, MD, PhD

10:00–11:00 AM

W-375, Main Stage

**John D. Baxter Prize Lecture: Adventures Discovering Nonpeptide Oral Drugs Acting at Peptide Hormone Receptors**

**John D. Baxter Prize for Entrepreneurship**

Presented to R. Scott Struthers, PhD

1:30–2:30 PM

W-375, Main Stage

**Endocrine Debate: Is There a Role for Vitamin D Supplementation for Women with Low Bone Mass, Osteoporosis or Fractures? Or is There a Role for Vitamin D Supplementation for Women at Risk for Osteoporotic Fracture?**

**Edwin B. Astwood Award for Outstanding Basic Science Research**

Presented to Holly A. Ingraham, PhD

**Outstanding Educator Award**

Presented to David Stephen Cooper, MD

4:30–6:00 PM

W-375, Main Stage

**Endocrine Debate: Does Activating Brown Fat Contribute to Important Metabolic Benefits in Humans?**

**Richard E. Weitzman Outstanding Early Career Investigator Award**

Presented to Rana K. Gupta, PhD

**Roy O. Greep Award for Outstanding Research**

Presented to Joseph Bass, MD, PhD



## FRIDAY, JUNE 16

8:00–9:00 AM

W-375, Main Stage

**Transatlantic Alliance Award Lecture: The Endocrine Basis and Implications of Stress Its Management**

**Transatlantic Alliance Award**

Presented, on behalf of the European Society of Endocrinology and the Endocrine Society, to George P. Chrousos, MD, ScD

10:30 AM–12:00 PM

W-375, Main Stage

**The Findings of the TRAVERSE TRIAL: The Testosterone Cardiovascular Safety Trial**

**Outstanding Clinical Investigator Award**

Presented to Peter J. Snyder, MD

1:00–2:00 PM

W-375, Main Stage

**Endocrine Debate: Controversies in Pre-consensual Clitoroplasty for CAH**

**International Excellence in Endocrinology Award**

Presented to Tasnim Ahsan, MRCP, FRCP, FCPS

2:45–3:30 PM

W-375, Main Stage

**Endocrine Year In: Year in Obesity from the Basic Science Perspective**

**Gerald D. Aurbach Award for Outstanding Translational Research**  
Presented to Myles Brown, MD, and Marta Korbonits, MD, PhD, DSc, FRCP

## SATURDAY, JUNE 17

8:00–9:00 AM

W-375, Main Stage

**Endocrine Debate: Should all (or at least most) Patients with Hypertension be Screened for Primary Aldosteronism?**

**Outstanding Mentor Award**

Presented to William Rainey, PhD

**Sidney H. Ingbar Award for Distinguished Service**

Presented to Beverly M.K. Biller, MD

9:45–10:20 AM

W-375, Main Stage

**Clark T. Sawin Memorial History of Endocrinology Lecture:**

**The Adrenal Throughout History**

**Delbert A. Fisher Research Scholar Award**

Presented to Walter L. Miller, MD

2:00–3:15 PM

W-375, Main Stage

**The Future of Endocrine Therapies: Personalized Organoids and Gene Editing—Is This the Real-Life or Just Fantasy?**

**Outstanding Scholarly Physician Award**

Presented to Bryan Haugen, MD

**Vigersky Outstanding Clinical Practitioner Award**

Presented to Mihail Zilbermint, MD, MBA

# Addressing Treatment Challenges in Growth Hormone Deficiency With

## Novel Long-Acting Therapies



Thursday, June 15, 2023



**Registration and Dinner**

7:00 PM - 7:30 PM CT



**Symposium**

7:30 PM - 9:00 PM CT

**Hyatt Regency McCormick Place**

2233 S Martin Luther King Dr

Chicago, IL 60616



**2nd Floor, Ballroom CDE**

**CME/CE SYMPOSIUM**

### PROGRAM CHAIR

**LAURENCE KATZNELSON, MD**

Stanford Healthcare,  
Stanford School of Medicine  
Palo Alto, California

### FACULTY

**ANDREW HOFFMAN, MD**

Stanford Healthcare,  
Stanford School of Medicine  
Palo Alto, California

**SARA DIVALL, MD**

University of Washington Medicine  
Seattle, Washington

### Program Overview

In children and adults with growth hormone deficiency, the efficacy of therapy depends on the correct diagnosis, administering the appropriate dose of GH, and maintaining adherence and persistence to treatment. Join us at this live, in-person symposium and learn from the experts about optimal strategies for diagnosis and treatment of GHD in children and adults.

### Agenda

- Overview of Adult and Pediatric GHD
- Overview of Available and Emerging GH Treatment Options in Pediatric and Adult Patients
- Overcoming Challenges With Long-term GHD Management
- Conclusion and Question and Answer Session

### Accreditation

The Endocrine Society is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. Endocrine Society has achieved Accreditation with Commendation. This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the Endocrine Society and Clinical Care Options.

### AMA PRA Category 1 Credit

The Endocrine Society designates this live activity for a maximum of 1.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### Joint Accreditation Statement



JOINTLY ACCREDITED PROVIDER  
BY THE ACCREDITATION COUNCIL FOR CONTINUING MEDICAL EDUCATION

In support of improving patient care, Clinical Care Options, LLC (CCO) is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC) to provide continuing education for the healthcare team.

### Nursing Continuing Professional Development

The maximum number of hours awarded for this Nursing Continuing Professional Development activity is 1.5 contact hours.

### Physician Associate/Physician Assistant Continuing Medical Education



Clinical Care Options, LLC has been authorized by the American Academy of PAs (AAPA) to award AAPA Category 1 CME credit for activities planned in accordance with AAPA CME Criteria. This activity is designated for 1.5 AAPA Category 1 CME credits. PAs should only claim commensurate with the extent of their participation.

Jointly provided by Clinical Care Options, LLC and Endocrine Society.

Supported by an educational grant from Novo Nordisk



**Scan QR code to register**

or register at:

[www.xpressreg.net/register/endo0623/landing.asp](http://www.xpressreg.net/register/endo0623/landing.asp)

**On-site registration available**

**Seating will be provided on a first come first serve basis. Onsite registration if space allows.**



# PROGRAMS AND EVENTS

## TUESDAY, JUNE 13

7:00 AM–7:00 PM CT

The 4th International Symposium on the Extracellular Calcium-Sensing Receptor (CaSR)

W-184A, McCormick Place

ADDITIONAL REGISTRATION REQUIRED

3:30–5:00 PM

Leadership Alignment Session

Regency Ballroom A, Hyatt Regency

BY INVITATION

6:00–9:30 PM

Type 1 Diabetes Fellows Series Dinner

W-190B, McCormick Place

7:00–9:00 PM

The 4th International Symposium on the Extracellular Calcium-Sensing Receptor (CaSR) Reception

W-184D, McCormick Place

ADDITIONAL REGISTRATION REQUIRED

## WEDNESDAY, JUNE 14

7:00 AM–5:00 PM

Type 1 Diabetes Fellows Series

W-190AB

7:00 AM–7:00 PM

The 4th International Symposium on the Extracellular Calcium-Sensing Receptor (CaSR)

W-184A, McCormick Place

ADDITIONAL REGISTRATION REQUIRED

8:00 AM–4:30 PM

Global Leadership Academy

Clark AB, Hyatt Regency

BY INVITATION

8:00 AM–5:00 PM

Early Career Forum

Regency Ballroom A, Hyatt Regency

8:00 AM–6:00 PM

AE-PCOS Update

W-184D, McCormick Place

ADDITIONAL REGISTRATION REQUIRED

3:00–5:00 PM

A5 Adrenal Alliance Meeting

Adler, Hyatt Regency

BY INVITATION

5:00–8:00 PM

Unwind After 5: Special Interest Group and Early Career Networking Reception

Grant Park, Hyatt Regency

5:30–7:00 PM

Corporate Liaison Board Reception

Burnham C, Hyatt Regency

BY INVITATION

7:00–10:00 PM

Excellence in Endocrinology Awards Dinner

Regency Ballroom CD, Hyatt

BY INVITATION

7:30–9:00 PM

REGMS Dinner

Adler AB, Hyatt Regency

## THURSDAY, JUNE 15

10:30–11:30 AM CT

Endocrine Feedback Loop Podcast  
Professional Resources Center, ENDOExpo

12:00–1:30 PM

ExCEL Luncheon  
Grant Park C, Hyatt

12:00–1:30 PM

FLARE Luncheon  
Grant Park D, Hyatt

2:00–3:15 PM CT

Health Disparities Poster Session  
Professional Resources Center, ENDOExpo

3:15–4:15 PM CT

Rising Star Power Talks  
W-184D, McCormick Place

5:00–6:00 PM

Exhibitor Reception  
Rooftop, McCormick

5:30–6:30 PM

APDEM Reception  
Grant Park B, Hyatt Regency

5:30–7:00 PM CT

LGBTQ+ and Allies Reception  
Burnham AB, Hyatt Regency

6:00–7:30 PM CT

All-Attendee Social  
ENDOExpo

7:00–9:00 PM

The ENDO 2023 Association of Endocrine Chiefs & Directors Reception  
Grant Park C, Hyatt Regency

BY INVITATION

**FRIDAY, JUNE 16**

10:15–10:45 AM CT

As Seen on TV: Real Patients Share Their Thyroid Eye Disease (TED) Treatment Experience

Supported by Horizon Therapeutics  
Professional Resources Center, ENDOExpo

10:15–11:15 AM CT

Meet the NIDDK Program Directors  
Burnham, Hyatt Regency

10:30 AM–12:00 PM CT

ESAP Live  
Grant Park BC, Hyatt Regency

1:00–1:45 PM CT

Submitting to Endocrine Society Journals

Professional Resources Center, ENDOExpo

1:00–7:30 PM CT

Endocrine Nurses Society Symposium and Reception  
W-187BC, McCormick Place

1:30–3:30 PM CT

Health Disparities Symposia  
Burnham, Hyatt Regency

2:00–4:00 PM CT

ENDO Career Fair  
Professional Resources Center, ENDOExpo

5:30–7:00 PM CT

Minority Mentoring Poster Reception  
W-190, McCormick Place

**SATURDAY, JUNE 17**

7:00–8:30 AM CT

Global Endocrine Leadership Coalition (GELC) Breakfast  
Burnham AB, Hyatt Regency

7:00 AM–4:00 PM CT

Endocrinology Mentoring Day  
Grant AB, Hyatt Regency

11:00 AM–12:30 PM

Past Officers' Luncheon  
Burnham AB, Hyatt Regency

BY INVITATION

12:45–1:30 PM

Endocrine Society Members' Business Meeting  
Adler, Hyatt Regency

5:15–6:15 PM CT

Basic Science Reception  
Grant Park CD, Hyatt Regency

6:00–8:00 PM

CSEM Canada Night Reception  
Adler ABC, Hyatt Regency  
ADDITIONAL REGISTRATION REQUIRED

6:00–10:00 PM

Women in Endocrinology Annual Meeting  
W-375D, McCormick

ADDITIONAL REGISTRATION REQUIRED

6:15–7:15 PM CT

Journals Reception  
Grant Park AB, Hyatt Regency

7:00–10:00 PM

President's Reception  
Rooftop, McCormick

BY INVITATION

9:30–10:30 PM CT

AMSC Chair's Reception  
Burnham A, Hyatt Regency

BY INVITATION

**SUNDAY, JUNE 18**

7:00–7:45 AM CT

AMSC Breakfast  
Burnham AB, Hyatt Regency  
BY INVITATION



**SATELLITE SYMPOSIA**

**THURSDAY, JUNE 15**

7:00–9:00 PM EDT

More Than Weight: Treating Obesity as Part of a Comprehensive Care Approach to Cardiometabolic Disease  
Regency Ballroom AB, Hyatt Regency

Addressing Treatment Challenges in Growth Hormone Deficiency with Novel Long-Acting Therapies  
Regency Ballroom CDE, Hyatt Regency

**FRIDAY, JUNE 16**

6:00–8:00 AM CT

Advances in Delaying the Onset of Type 1 Diabetes: What Do You Need Now and in the Future  
Regency Ballroom AB, Hyatt Regency

6:00–8:00 PM CT

Concepts to Practice: The Evolving Landscape of Congenital Adrenal Hyperplasia Management Strategies  
Regency Ballroom AB, Hyatt Regency  
Expert Updates on the Latest Advances in the Development of Weekly Insulin Formulations  
Regency Ballroom CDE, Hyatt Regency

**SATURDAY, JUNE 17**

6:00–8:00 PM CT

Thyroid Eye Disease: Comanaging a Clinical Conundrum  
Regency Ballroom AB, Hyatt Regency

Controversies in Cushing's Syndrome/Cushing's Disease (CS/CD): Diagnosis and Management  
Regency Ballroom CDE, Hyatt Regency



# PROFESSIONAL DEVELOPMENT WORKSHOPS

## THURSDAY, JUNE 15

10:00–11:30 AM

[PDW001] The Business of Starting and Running a Lab: Strategies to Running a Successful Lab

W-184D

1:30–3:00 PM

[PDW002] Funding Your Research Grantwriting Workshop

W-184D

3:15–4:15 PM

Rising Star Power Talks

W-184D

4:30–6:00 PM

[PDW003] Navigating Microaggressions

W-184D

## FRIDAY, JUNE 16

10:30–12:00 PM

[PDW004] Effective Teaching Strategies

W-184D

1:00–2:30 PM

[PDW005] Publishing Skills Lab: Communications Challenges

W-184D

3:45–5:15 PM

[PDW007] Maximizing the Mentor and Mentee Relationship

W-184D

## SATURDAY, JUNE 17

8:00–9:30 AM

[PDW006] Building Your Personal Brand through Social Media

W-184D

9:45–11:15 AM

[PDW008] The Business of Medicine: Surviving the First Year of Practice

W-184D

11:30 AM–1:00 PM

[PDW009] Resiliency and Managing Burnout

W-184D

3:30–5:00 PM

[PDW010] Alternative Career Paths: Industry, Government, Law, & Policy

W-184D

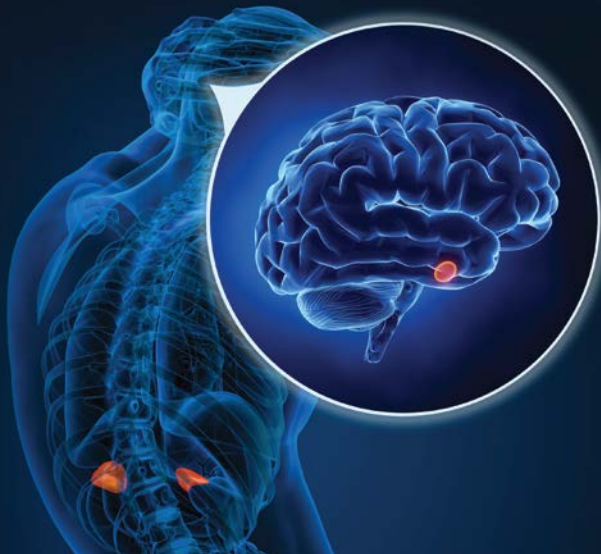
## SUNDAY, JUNE 18

8:00–9:30 AM

[PDW011] Practical Advice for Foreign Medical Graduates or Scientists Planning to Come or Stay in the USA: Navigating the US Visa System

W-184D





# Controversies in Cushing's Syndrome: Diagnosis and Management

Saturday, June 17th | 6:00 - 8:00 PM

## PROGRAM OVERVIEW:

During this symposium, our expert faculty will utilize case based discussions to review the standard of care and current practice for treating patients with Cushing's Syndrome, focusing on those with Cushing's Disease. Faculty will review and discuss individualized treatment strategies for both mild and severe hypercortisolism and instruct on best practices for managing patients during periods of acute stress or illness.

## TARGET AUDIENCE:

All attendees at ENDO 2023 including physicians, physician assistants, and other allied healthcare professionals treating patients with Cushing's Syndrome.

## LEARNING OBJECTIVES:

Upon completion of this activity, participants will be better able to:

- Plan individualized therapy strategies and effectively treat patients with different clinical scenarios (e.g. mild and severe hypercortisolism)
- Implement management plans for patients with Cushing's Syndrome during periods of acute stress or illness
- Determine optimal laboratory testing for screening and monitoring patients with hypercortisolism

## PROGRAM FACULTY:

### Program Chair:

**Maria Fleseriu, MD, FACE**

Professor, Medicine and Neurosurgical Surgery

Director Pituitary Center

Oregon Health & Science University, Portland, USA

### Faculty Presenter: Irina Bancos, MD

Associate Professor, Endocrine Division

Mayo Clinic Rochester, Rochester, USA

### Faculty Presenter: Beverly M.K. Biller, MD

Professor of Medicine, Harvard Medical School

Neuroendocrine & Pituitary Tumor Clinical Center

Massachusetts General Hospital, Boston, USA

### Faculty Presenter: Michael Buchfelder, MD, PhD

Professor & Chair Department of Neurosurgery

University of Erlangen, Nuremberg, Germany

## PROGRAM AGENDA:

Introductions, Overview and Pre-Event Polling Questions

– **Maria Fleseriu, MD, FACE**

Recurrent Cushing's Disease: Strategies for Early Identification

– **Beverly M.K. Biller, MD**

Role of Medical Therapy in Mild to Severe Cortisol Excess

– **Irina Bancos, MD**

Persistent and Recurrent Cushing's Disease: The Neurosurgical View

– **Michael Buchfelder, MD**

Open Discussion & Questions

– **All Faculty**

ENDOCRINE  
SOCIETY

CMM  
GLOBAL

PROGRAM DATE, TIME AND LOCATION: **SATURDAY,**

**JUNE**

6:00 – 6:30 PM

Dinner

6:30 - 8:00 PM

Presentation

Hyatt McCormick Place,

Regency Ballroom CDE

**17**

**2023**

The Endocrine Society is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. Endocrine Society has achieved Accreditation with Commendation. This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the Endocrine Society and CMM Global. The Endocrine Society designates this live activity for a maximum of 1.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Supported by an unrestricted educational grant from Recordati Rare Diseases, Inc.



**More Information:** [tinyurl.com/ycyxup7p](https://tinyurl.com/ycyxup7p)

*There is no cost to attend; however seating is limited. Complimentary dinner will be provided, and all ENDO attendees are welcome. Please arrive early, as admission to the session is on a first-come, first-served basis.*

**EARN** 1.5 CME Credits



# THYROID EYE DISEASE: COMANAGING

## A Clinical Conundrum

**Saturday, June 17, 2023**

Hyatt Regency McCormick Place  
Regency Ballroom AB  
2233 S Martin Luther King Dr | Chicago, IL

6:00 – 6:30 PM Registration & Dinner  
6:30 – 8:00 PM CME Symposium



### Topics

- **TED: Current Insights on Pathogenesis**
- **Panel Discussion: Pearls for Diagnosing a Masquerader**
- **Case Discussion: Differential Diagnosis**
- **Treating TED: Pearls for Comanagement**
- **Clinical Application and Guideline Updates: Treating TED**

### Activity Chair

**Terry F. Davies, MD, PhD, FRCP**

### Faculty

**Ulla Feldt-Rasmussen, MD, DMSc**

**Mario Salvi, MD**

**Marius N. Stan, MD**

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This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the Endocrine Society and Vindico Medical Education.

The Endocrine Society designates this live activity for a maximum of 1.5 *AMA PRA Category 1 Credit(s)*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity. While offering CME credits noted above, this program is not intended to provide extensive training or certification in the field.

This continuing medical education activity is provided by



Educational Partner



This activity is supported by an educational grant from Horizon Therapeutics USA, Inc.



**EBR**  
ENDOCRINE BOARD REVIEW  
**2023**

EARLY  
REGISTRATION  
IS NOW OPEN!

**ENDOCRINE  
BOARD REVIEW**

SEPTEMBER 8-10, 2023  
ONLINE EVENT

FIRST-RATE PREPARATION  
FOR YOUR BOARD EXAM

[ENDOCRINE.ORG/EBR](https://endocrine.org/EBR)

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**CEU**  
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**2023**

EARLY  
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IS NOW OPEN!

**CLINICAL  
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UPDATE**

SEPTEMBER 21-23, 2023  
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STAY UP TO DATE ON NEW  
ADVANCEMENTS IN HORMONE CARE

[ENDOCRINE.ORG/CEU](https://endocrine.org/CEU)

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**SCHEDULE AT A GLANCE: THURSDAY, JUNE 15 8:00 AM–6:00 PM CT** SESSIONS ARE IN CENTRAL TIME

TIME	ADIPOSE TISSUE, APPETITE, AND OBESITY	ADRENAL (EXCLUDING MINERAL-CORTICOIDS)	BONE AND MINERAL METABOLISM	CARIOVASCULAR ENDOCRINOLOGY	DIABETES AND GLUCOSE METABOLISM	ENDOCRINE DISRUPTION	NEURO-ENDOCRINOLOGY AND PITUITARY
8:00 AM							
8:15 AM							
8:30 AM							
8:45 AM							
9:00 AM							
9:15 AM							
9:30 AM							
9:45 AM							
10:00 AM	[SY010] SYMPOSIUM: Impact of the Changes in Food Environment in the Development of Obesity W-183B 10:00–11:30 AM	[SY007] SYMPOSIUM: JCEM Symposium: Advances in Treatments for Cushing Syndrome W-181 10:00–11:30 AM	[SY005] SYMPOSIUM: The New and the Old: Stem Cells, Senescence and Bone Biology W-179A 10:00–11:30 AM		[SY003] SYMPOSIUM: Alpha Cells in Type 1 Diabetes W-180 10:00–11:30 AM		
10:15 AM							
10:30 AM							
10:45 AM							
11:00 AM							
11:15 AM							
11:30 AM							
11:45 AM		[MTP02] MEET THE PROFESSOR: Management of Adrenocortical Carcinoma W-176 11:45 AM–12:30 PM			[MTP05] MEET THE PROFESSOR: What to Do When Your Patient with Diabetes Have Suboptimal Glycemic Control W-181 11:45 AM–12:30 PM		
12:00 AM							
12:15 AM							
12:30 AM							
12:45 AM							
1:00 PM							
1:15 PM							
1:30 PM	[SY020] SYMPOSIUM: NAFLD: Endocrine Targets W-184A 1:30 –3:00 PM	[SY017] SYMPOSIUM: Adrenal Tumor Board: Selected Cases from the Adrenal Clinic W-184BC 1:30 –3:00 PM	[DO01] ENDOCRINE DEBATE: Is There a Role for Vitamin D Supplementation for Women at Risk for Osteoporotic Fracture? W-375A (ENDO Main Stage) 1:30–3:00 PM	[SY016] SYMPOSIUM: Cardioprotective Mechanisms of Anti-Diabetic Agents W-183C 1:30–3:00 PM	[SY014] SYMPOSIUM: Acinar and Beta Cell Crosstalk in the Pathogenesis of Pancreatic Cancer, Pancreatitis, and Diabetes W-180 1:30 –3:00 PM		[SY011] SYMPOSIUM: Neuroendocrine Dysfunction and Pituitary Deficiencies After Traumatic Brain Injury W-183A 1:30–3:00 PM
1:45 PM							
2:00 PM							
2:15 PM							
2:30 PM							
2:45 PM							
3:00 PM							
3:15 PM		[MTP10] MEET THE PROFESSOR: Pearls and Myths in the Evaluation and Management of Pheochromocytoma W-181 3:15–4:00 PM	[MTP08] MEET THE PROFESSOR: Management of Bone Health in the Breast Cancer Survivor W-176 3:15–4:00 PM	[MTP07] MEET THE PROFESSOR: Lipid Management in Patients with Diabetes Mellitus W-183A 3:15–4:00 PM			[MTP11] MEET THE PROFESSOR: Tumors of the Posterior Pituitary W-183C 3:15–4:00 PM
3:30 PM							
3:45 PM							
4:00 PM							
4:15 PM							
4:30 PM			[SY025] SYMPOSIUM: Genetics & Bone Strength W-184A 4:30–6:00 PM	[SY026] SYMPOSIUM: Mineralocorticoids and Cardiovascular Disease W-184BC 4:30–6:00 PM	[SY024] SYMPOSIUM: Novel Perspectives on Insulin Secretion W-175 4:30 –6:00 PM		[SY021] SYMPOSIUM: The Hypothalamic Tanycyte: An Essential Neuroendocrine Mediator W-179A 4:30–6:00 PM [SY027] SYMPOSIUM: Diabetes Insipidus: Renaming the Condition and Novel Aspects for Better Patient Care W-181 4:30–6:00 PM [SY030] SYMPOSIUM: Brain and Body Collide: Severe Mental Illness and Glucose Dysregulation W-183B 4:30–6:00 PM
4:45 PM							
5:00 PM							
5:15 PM							
5:30 PM							
5:45 PM							
6:00 PM							

NON-STEROID HORMONE SIGNALING	PEDIATRIC ENDOCRINOLOGY	REPRODUCTIVE ENDOCRINOLOGY	STEROID HORMONES AND RECEPTORS	THYROID	TUMOR BIOLOGY	GENERAL
[PL01] PLENARY: Global Challenges: Health Impacts Of Climate Change W-375A (ENDO Main Stage) 8:00–9:30 AM						
	[SY001] SYMPOSIUM: Current Concepts and Challenges in the Medical Care of Transgender and Gender-diverse Adolescents W-184BC 10:00–11:30 AM	[SY008] SYMPOSIUM: Innovations in Reproductive Science W-178B 10:00–11:30 AM [SP001] SPECIAL SCIENTIFIC: How to Advocate for Your Science: Tools You Can Use to Teach Policymakers that Research is Important W-179B 10:00–11:30 AM	[SY002] SYMPOSIUM: Nuclear Receptors in Inter-organ Communication in Health and Disease W-178A 10:00–11:30 AM [SY004] SYMPOSIUM: FGF 21/23: FGF Signaling, Novel Functions, and Therapeutic Implications W-183A 10:00–11:30 AM	[SY009] SYMPOSIUM: Adding Value by Subtraction: De-escalating to Deliver Good-Value Thyroid Care W-184A 10:00–11:30 AM	[SY006] SYMPOSIUM: The Evolution of Hormone-Dependent Cancers: Challenges and Opportunities W-176 10:00–11:30 AM	[SP002] SPECIAL SCIENTIFIC: John D. Baxter Prize for Entrepreneurship Lecture: Adventures Discovering Nonpeptide Oral Drugs Acting at Peptide Hormone Receptors W-375A (ENDO Main Stage) 10:00–11:00 AM
	[MTP01] MEET THE PROFESSOR: Disorders of Sex Development: Current Concepts and Challenges W-183C 11:45 AM–12:30 PM	[MTP03] MEET THE PROFESSOR: Managing the Nonreproductive Comorbidities of Polycystic Ovary Syndrome (PCOS) W-183B 11:45 AM–12:30 PM		[MTP04] MEET THE PROFESSOR: Syndromes of Resistance to Thyroid Hormone W-184BC 11:45 AM–12:30 PM		[MTS001] MEET-THE-SCIENTIST: Three-Dimensional (3D) Chromatin Organization to study Cell-type Specific Gene Regulatory Programs in the Pancreas W-179A 11:45 AM–12:30 PM [MC001] MASTER CLINICIAN: Challenging Cases in Water Balance Disorders W-375A (ENDO Main Stage) 11:45 AM–12:30 PM
	[SY012] SYMPOSIUM: Pediatric Obesity: Update on Determinants, Complications, and Management W-183B 1:30–3:00 PM	[SY018] SYMPOSIUM: Impact of a Warming Planet on Fertility W-179A 1:30–3:00 PM	[SY013] SYMPOSIUM: Novel Steroids, Novel Enzymes and Novel Sites for Steroid Synthesis W-176 1:30–3:00 PM	[SY019] SYMPOSIUM: Thyroid Hormone in Development and Disease W-178A 1:30–3:00 PM	[SY015] SYMPOSIUM: Why Do Hormone-Dependent Cancers Love Bone? W-175 1:30–3:00 PM	
	[MTP06] MEET THE PROFESSOR: Care of Preschool Children with Type 1 Diabetes Mellitus W-183B 3:15–4:00 PM	[MTP12] MEET THE PROFESSOR: Use of Laboratory Tests in Transgender Medicine W-184BC 3:15–4:00 PM			[MTP09] MEET THE PROFESSOR: Managing Medullary Thyroid Carcinoma in Patients with RET Pathogenic Variants W-180 3:15–4:00 PM	[MTS002] MEET-THE-SCIENTIST: My Career Path as a Biomedical Researcher in Industry W-178A 3:15–4:00 PM
	[SY022] SYMPOSIUM: Critical Windows of Exposure to Insults Predict Future Health W-180 4:30–6:00 PM	[SY028] SYMPOSIUM: Challenges and Opportunities in Reproductive Medicine W-183C 4:30–6:00 PM	[SY023] SYMPOSIUM: Androgen and Estrogen Control of Mitochondrial Function W-178A 4:30–6:00 PM	[SY029] SYMPOSIUM: Advances in Thyroid Eye Disease W-183A 4:30–6:00 PM		[DO002] ENDOCRINE DEBATE: Does Activating Brown Fat Contribute to Important Metabolic Benefits in Humans? W-375A (ENDO Main Stage) 4:30–6:00 PM

**SCHEDULE AT A GLANCE: FRIDAY, JUNE 16 8:00 AM–5:15 PM CT** SESSIONS ARE IN CENTRAL TIME

TIME	ADIPOSE TISSUE, APPETITE, AND OBESITY	ADRENAL (EXCLUDING MINERAL-CORTICOID)	BONE AND MINERAL METABOLISM	CARIOVASCULAR ENDOCRINOLOGY	DIABETES AND GLUCOSE METABOLISM	ENDOCRINE DISRUPTION	NEURO-ENDOCRINOLOGY AND PITUITARY
8:00 AM							
8:15 AM							
8:30 AM							
8:45 AM							
9:00 AM							
9:15 AM							
9:30 AM		[MTP16] MEET THE PROFESSOR: How Do I Work Up a Woman with Androgen Excess? W-183C 9:30–10:15 AM	MTP17: MEET THE PROFESSOR: Hypoparathyroidism: Case Management W-179A 9:30–10:15 AM	[MTP15] MEET THE PROFESSOR: Evidence-Based, Practical Approach to Primary Aldosteronism W-176 9:30–10:15 AM	[MTP14] MEET THE PROFESSOR: An Evidence-Based Medication Algorithm for Type 2 Diabetes Mellitus W-183B 9:30–10:15 AM	[MTP13] MEET THE PROFESSOR: “Hormone Optimization”, “Rejuvenation” and What Men Read: Opportunity and Threat to Evidence-Based Medicine W-183A 9:30–10:15 AM	
9:45 AM							
10:00 AM							
10:15 AM							
10:30 AM			[SY035] SYMPOSIUM: Addressing Racial and Ethnic Disparities in Osteoporosis Care W-183B 10:30 AM–12:00 PM		[SY033] SYMPOSIUM: Redefining Type 2 Diabetes Phenotypes, Complications and Treatment W-179A 10:30 AM–12:00 PM		[SY031] SYMPOSIUM: GnRH at 50: Forging Into the Next 50 Years W-175 10:30 AM–12:00 PM
10:45 AM							
11:00 AM							
11:15 AM							
11:30 AM					[SP005] SPECIAL SCIENTIFIC: How to Advocate for Your Patients & Practice W-185BC 10:30 AM–12:00 PM		
11:45 AM							
12:00 AM							
12:15 AM							
12:30 AM							
12:45 AM							
1:00 PM	[SY049] SYMPOSIUM: Brown Fat Biogenesis Tissue Complexity and Cell-to-Cell Communication W-176 1:00–2:30 PM	[SY047] SYMPOSIUM: The Origin of Adrenal Disease: Genetic Determinants of Normal and Pathological Adrenal Function W-184A 1:00–2:30PM		[SY046] SYMPOSIUM: Triglycerides and Cardiovascular Risk W-183C 1:00–2:30 PM	[SY043] SYMPOSIUM: Prioritizing Patient Experiences in the Management of Diabetes and its Complications W-183A 1:00–2:30 PM	[SY048] SYMPOSIUM: Transgenerational Effects of Endocrine Disruptors W-180 1:00–2:30 PM	[SY041] SYMPOSIUM: Post-Transcriptional Regulation as a Mediator of Hypothalamic Pituitary Function W-178B 1:00–2:30 PM
1:15 PM							
1:30 PM							
1:45 PM							
2:00 PM							[SY040] SYMPOSIUM: Update on the Genetics and Treatment of Metastatic Pheochromocytomas and Paragangliomas W-185BC 1:00–2:30 PM
2:15 PM							
2:30 PM							
2:45 PM			[MTP20] MEET THE PROFESSOR: Diseases Associated with the Extracellular Calcium-sensing Receptor W-183B 2:45–3:30 PM		[MTP21] MEET THE PROFESSOR: Effective Use of Telehealth in Outpatient Endocrine Care W-184BC 2:45–3:30 PM		[MTP23] MEET THE PROFESSOR: Gastroenteropancreatic Neuroendocrine Neoplasms for Endocrinologists W-176 2:45–3:30 PM
3:00 PM							
3:15 PM							
3:30 PM							
3:45 PM	[SY058] SYMPOSIUM: Exogenous Factors Affecting Obesity W-179A 3:45–5:15 PM		[SY054] SYMPOSIUM: Fracture Liaison Service (FLS) - Medical, Nursing, and Business Considerations W-183C 3:45–5:15 PM	[SY055] SYMPOSIUM: New Insights in Endocrine Hypertension W-179B 3:45–5:15 PM	[SY052] SYMPOSIUM: Social Determinants of Health and Diabetes W-184BC 3:45–5:15 PM		[SY050] SYMPOSIUM: State-of-the-Art Technologies in Neuroendocrine Research W-175 3:45–5:15 PM
4:00 PM							
4:15 PM							
4:30 PM							
4:45 PM							
5:00 PM							
5:15 PM							

NON-STEROID HORMONE SIGNALING	PEDIATRIC ENDOCRINOLOGY	REPRODUCTIVE ENDOCRINOLOGY	STEROID HORMONES AND RECEPTORS	THYROID	TUMOR BIOLOGY	GENERAL
[PLO2] PLENARY: The Endocrinology of Chronic Stress and Burnout W-375A (ENDO Main Stage) 8:00–9:00 AM						
						[SP004] SPECIAL SCIENTIFIC: Meet the Early Investigator Award Winners W-184D 9:15–10:15 AM
		[MTP19] MEET THE PROFESSOR: Long-Term Outcomes After Gender-Affirming Surgeries W-181 9:30–10:15 AM		[MTP18] MEET THE PROFESSOR: Long-Term Management of Patients With Low-Risk Thyroid Cancer W-184BC 9:30–10:15 AM		[MTS003] MEET-THE-SCIENTIST: My Career as a Scientist and Mentor W-180 9:30–10:15 AM
		[SY038] SYMPOSIUM: The Findings of the TRAVERSE TRIAL: The Testosterone Cardiovascular Safety Trial W-375A (ENDO Main Stage) 10:30 AM–12:00 PM	[SY032] SYMPOSIUM: Orphan Nuclear Receptors at the Crossroads of Inflammation, Immunity, and Cancer W-178A 10:30 AM–12:00 PM	[SY039] SYMPOSIUM: Emerging Technologies to Model the Thyroid W-180 10:30 AM–12:00 PM	[SY037] SYMPOSIUM: Are We Done Yet? Can We Still Improve on NR-Targeting Agents in Hormone-Dependent Cancer? W-184BC 10:30 AM–12:00 PM	[SY036] SYMPOSIUM: Risks and Challenges of Gender-Affirming Hormone Therapy in Adults W-181 10:30 AM–12:00 PM [SY034] SYMPOSIUM: Membrane Receptors Linking Metabolism and Reproduction W-183A 10:30 AM–12:00 PM
	[SY042] SYMPOSIUM: Diagnostic Challenges in Premature Infants: When Are We Treating the Child and When Are We Treating the Number? W-184BC 1:00–2:30 PM				[SY045] SYMPOSIUM: Effects of Cancer and Cancer Therapy on the Endocrine System W-175 1:00–2:30 PM	[D003] ENDOCRINE DEBATE: Pre-consensual Clitorophalloplasty in Patients with DSD: A Conversation on Challenges in Decision-Making W-375A (ENDO Main Stage) 1:00–2:30 PM [SY044] SYMPOSIUM: Artificial Intelligence and Machine Learning in Endocrinology W-183B 1:00–2:30 PM
		[MTP24] MEET THE PROFESSOR: Gender-Affirming Hormone Therapy: Beyond the Guidelines W-175 2:45–3:30 PM [MTP25] MEET THE PROFESSOR: Management of Functional Hypogonadism in Men W-183C 2:45–3:30 PM		[MTP22] MEET THE PROFESSOR: Evaluation and Management of Subclinical Hyperthyroidism and Hypothyroidism W-183A 2:45–3:30 PM		[MTS004] MEET-THE-SCIENTIST: Adeno-Associated Virus Guide RNA Delivery and CRISPR/Cas Approaches to Study the GnRH Pulse Generator W-180 2:45–3:30 PM [MC002] MASTER CLINICIAN: Challenging Cases of Congenital Adrenal Hyperplasia W-181 2:45–3:30 PM [YR001] ENDOCRINE YEAR IN: Year in Obesity from the Basic Science Perspective W-375A (ENDO Main Stage) 2:45–3:30 PM
		[SY056] SYMPOSIUM: Testosterone and COVID-19 W-180 3:45–5:15 PM	[SY051] SYMPOSIUM: Mutant is as Mutant Does: Vulnerabilities of ESR1 Mutant Breast Cancers W-178A 3:45–5:15 PM	[SY057] SYMPOSIUM: Optimizing Thyroid Cancer Care by Understanding At-Risk and Vulnerable Patient Groups W-181 3:45–5:15 PM		[SY053] SYMPOSIUM: New Aspects of GPCR Signaling W-183B 3:45–5:15 PM [SY059] SYMPOSIUM: Updates in Standards of Care for Transgender and Gender Diverse People Affecting Endocrinologists W-183A 3:45–5:15 PM

SCHEDULE AT A GLANCE: SATURDAY, JUNE 17 8:00 AM–6:00 PM CT SESSIONS ARE IN CENTRAL TIME

TIME	ADIPOSE TISSUE, APPETITE, AND OBESITY	ADRENAL (EXCLUDING MINERAL-CORTICOID)	BONE AND MINERAL METABOLISM	CARIOVASCULAR ENDOCRINOLOGY	DIABETES AND GLUCOSE METABOLISM	ENDOCRINE DISRUPTION	NEURO-ENDOCRINOLOGY AND PITUITARY	
8:00 AM	[SY069] SYMPOSIUM: The Emerging Endocrine Role of Skeletal Muscle in Metabolism, Exercise, and Aging W-180 8:00–9:30 AM		[SY065] SYMPOSIUM: Obesity and Fractures W-183C 8:00–9:30 AM	[SY066] SYMPOSIUM: Novel Bioactive and Diagnostic Steroids W-178A 8:00–9:30 AM	[SP010] SPECIAL SCIENTIFIC: Management of Individuals with Diabetes at High Risk for Hypoglycemia: An Endocrine Society Clinical Practice Guideline W-175 8:00–9:30 AM [SY063] SYMPOSIUM: Long COVID-19 and Endocrinology W-184A 8:00–9:30 AM		[SY060] SYMPOSIUM: Pituitary Stem Cells: Recent Insights W-176 8:00–9:30 AM	
8:15 AM								
8:30 AM								
8:45 AM								
9:00 AM								
9:15 AM								
9:30 AM								
9:45 AM	[SY079] SYMPOSIUM: Tides are Changing for Obesity W-179A 9:45–11:15 AM	[SY075] SYMPOSIUM: Off-Target: When Hormones Go Awry W-178A 9:45–11:15 AM [SP007] Special Scientific: Clinical Pearls from JCEM Case Reports W-179B 9:45–11:15 AM	[SY074] SYMPOSIUM: New Era of Targeted Therapies for Rare Skeletal Diseases W-183C 9:45–11:15 AM		[SY072] SYMPOSIUM: Continuous Glucose Monitors: Are You Using Them Correctly? W-183B 9:45–11:15 AM		[SY070] SYMPOSIUM: Circadian Timing and Female Reproduction W-175 9:45–11:15 AM	
10:00 AM								
10:15 AM								
10:30 AM								
10:45 AM								
11:00 AM								
11:15 AM								
11:30 AM	[SY086] SYMPOSIUM: Biomarkers of Gestational Diabetes Mellitus: Prevention of Disease Progression and Future Type 2 Diabetes? W-175 11:30 AM–1:00 PM	[SY085] SYMPOSIUM: Diagnostic Challenges in Adrenal Disorders W-183B 11:30–1:00 PM	[SP009] SPECIAL SCIENTIFIC: Treatment of Hypercalcemia of Malignancy in Adults: An Endocrine Society Clinical Practice Guideline W-181 11:30 AM–1:00 PM		[SY082] SYMPOSIUM: Diabetes Population Health and Value-Based Care W-183C 11:30 AM–1:00 PM			
11:45 AM								
12:00 AM								
12:15 AM								
12:30 AM								
12:45 AM								
1:00 PM								
1:15 PM								
1:30 PM								
1:45 PM								
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3:00 PM								
3:15 PM								
3:30 PM	[SY099] SYMPOSIUM: Endocrinology of the White Adipose Tissue Microenvironment W-179B 3:30–5:00 PM	[SY090] SYMPOSIUM: Adrenal Androgens- When and Why Do They Matter W-183B 3:30–5:00 PM			[SY088] SYMPOSIUM: Glucagon: Past, Present, and Future W-178A 3:30–5:00 PM	[SY091] SYMPOSIUM: Endocrine Disrupting Chemicals: Effects on Reproduction W-176 3:30–5:00 PM	[SY087] SYMPOSIUM: Estrogen Action on Brain, Metabolism, and Reproductive Behavior W-175 3:30–5:00 PM	
3:45 PM								
4:00 PM								
4:15 PM								
4:30 PM								
4:45 PM								
5:00 PM								
5:15 PM	[MTP32] MEET THE PROFESSOR: Weight Recurrence After Bariatric Surgery W-175 5:15–6:00 PM	[MTP26] MEET THE PROFESSOR: Bilateral Adrenal Masses: Evaluation and Management W-178A 5:15–6:00 PM			[MTP30] MEET THE PROFESSOR: Management of Untoward Metabolic Effects of Psychotropic Medications W-180 5:15–6:00 PM		[MTP28] MEET THE PROFESSOR: Management of Challenging Cases of Immune Checkpoint Inhibitor Hypophysitis W-181 5:15–6:00 PM	
5:30 PM								
5:45 PM								
6:00 PM								



NON-STEROID HORMONE SIGNALING	PEDIATRIC ENDOCRINOLOGY	REPRODUCTIVE ENDOCRINOLOGY	STEROID HORMONES AND RECEPTORS	THYROID	TUMOR BIOLOGY	GENERAL
	[SY061] SYMPOSIUM: Hidden Dangers in Dietary Supplements, Natural Products, and Endocrine Disruptors W-183B 8:00–9:30 AM	[SY067] SYMPOSIUM: Reproductive Hormones and Aging W-183A 8:00–9:30 AM	[SY062] SYMPOSIUM: Novel Differential Glucocorticoid Receptor Agonists to Treat Endocrine Disease W-178B 8:00–9:30 AM [SY064] SYMPOSIUM: Lessons Learned From Individuals With Aberrant GH/IGF Signaling: Roles in Other Conditions W-179B 8:00–9:30 AM	[SY068] SYMPOSIUM: Managing Lumps and Bumps in the Thyroid W-181 8:00–9:30 AM		[DO04] ENDOCRINE DEBATE: Should all (or at least most) Patients with Hypertension be Screened for Primary Aldosteronism? W-375A (ENDO Main Stage) 8:00–9:30 AM
[SY073] SYMPOSIUM: Relationship Between Olfactory and Endocrine Systems W-176 9:45–11:15 AM		[SY076] SYMPOSIUM: Clinical Assay Issues: What Endocrinologists Will Ask You W-184BC 9:45–11:15 AM [SY077] SYMPOSIUM: Recent Advances in the Assessment and Management of PCOS: New Insights and Updates from the 2023 International Evidence-Based Guideline W-181 9:45–11:15 AM	[SY071] SYMPOSIUM: Nuclear Receptors and Co-Regulators in Inflammation, Disease, and Regeneration W-180 9:45–11:15 AM	[SY078] SYMPOSIUM: Thyroid and Pregnancy W-183A 9:45–11:15 AM		[SP008] SPECIAL SCIENTIFIC: 2023 Clark T. Sawin Memorial History of Endocrinology Lecture: The Adrenal Throughout History W-375A (ENDO Main Stage) 9:45–10:30 AM
	[SY080] SYMPOSIUM: Bariatric Surgery in Adolescents: Effects Beyond Weight Loss W-183A 11:30 AM–1:00 PM		[SY081] SYMPOSIUM: Side Effects of Pharmacologic Glucocorticoids in Critical Illness: Basic Mechanisms W-176 11:30 AM–1:00 PM		[SY084] SYMPOSIUM: Ramping Up the Anti-Cancer Immune System W-179A 11:30 AM–1:00 PM	[SY083] SYMPOSIUM: New Aspects of Glucagon Signaling in the Liver W-180 11:30 AM–1:00 PM
[PL03] PLENARY: The Future Of Endocrine Therapies: Personalized Organoids And Gene Editing - Is This The Real-Life or Just Fantasy? W-375A (ENDO Main Stage) 2:00–3:15 PM						
					[SY089] SYMPOSIUM: The Yin and Yang of Systemic Metabolism and Cancer W-179A 3:30–5:00 PM	
	[MTP27] MEET THE PROFESSOR: Growth Hormone Treatment in Children Born Prematurely W-183A 5:15–6:00 PM	[MTP31] MEET THE PROFESSOR: Testosterone Replacement Therapy: Navigating the Pharmacologic Landscape W-183B 5:15–6:00 PM		[MTP29] MEET THE PROFESSOR: Management of Pediatric Graves' Disease W-183C 5:15–6:00 PM		

**SCHEDULE AT A GLANCE: SUNDAY, JUNE 18 8:00 AM–1:15 PM CT** SESSIONS ARE IN CENTRAL TIME

TIME	ADIPOSE TISSUE, APPETITE, AND OBESITY	ADRENAL (EXCLUDING MINERAL-OCORTICIDS)	BONE AND MINERAL METABOLISM	CARIOVASCULAR ENDOCRINOLOGY	DIABETES AND GLUCOSE METABOLISM	ENDOCRINE DISRUPTION	NEURO- ENDOCRINOLOGY AND PITUITARY
8:00 AM	[SY096] SYMPOSIUM: Fasting Models to Disrupt Metabolic Diseases and Aging W-179A 8:00–9:30 AM			[SY094] SYMPOSIUM: Double-Trouble: Diabetes and Cardiovascular Disease W-183A 8:00–9:30 AM	[SY097] SYMPOSIUM: 2023 ENDO NIDDK Early Investigator Symposium: Circadian Rhythms at the Intersection of Energy Balance and Metabolism W-181 8:00–9:30 AM [SP011] SPECIAL SCIENTIFIC: Endocrine Health Disparities in Pediatrics and Sexual and Gender Minorities: An Endocrine Society Scientific Statement W-183C 8:00–9:30 AM		
8:15 AM							
8:30 AM							
8:45 AM							
9:00 AM							
9:15 AM							
9:30 AM							
9:45 AM	[MTP35] MEET THE PROFESSOR: How to Diagnose Underlying Causes and Contributing Factors in Obesity W-183A 9:45–10:30 AM	[MTP37] MEET THE PROFESSOR: Primary Aldosteronism: When and How to Test for It? W-183B 9:45–10:30 AM		[MTP34] MEET THE PROFESSOR: Dyslipidemia in Thyroid Diseases, Cushing Syndrome and Chronic Glucocorticoid Use W-181 9:45–10:30 AM	[MTP36] MEET THE PROFESSOR: Management of Diabetes in Cancer Patients W-183C 9:45–10:30 AM		[MTP38] MEET THE PROFESSOR: Prolactinoma: When Medical Treatment Fails W-180 9:45–10:30 AM
10:00 AM							
10:15 AM							
10:30 AM							
10:45 AM		[MTP40] MEET THE PROFESSOR: Adrenal Incidentalomas: Contemporary Evaluation and Management W-183C 10:45–11:30 AM			[MTP41] MEET THE PROFESSOR: Challenges in the Diagnosis and Management of Hypoglycemia W-183A 10:45–11:30 AM		
11:00 AM							
11:15 AM							
11:30 AM							
11:45 AM			[SY101] SYMPOSIUM: Checkpoints on Anti-Osteoporosis Medications: Clinical and Biological Considerations W-183B 11:45 AM–1:15 PM		[SP003] SPECIAL SCIENTIFIC: Hormones and Aging: A Scientific Statement W-181 11:45 AM–1:15 PM		
12:00 AM							
12:15 AM							
12:30 AM							
12:45 AM							
1:00 PM							
1:15 PM							


NON-STEROID HORMONE SIGNALING	PEDIATRIC ENDOCRINOLOGY	REPRODUCTIVE ENDOCRINOLOGY	STEROID HORMONES AND RECEPTORS	THYROID	TUMOR BIOLOGY	GENERAL
		[SY095] SYMPOSIUM: Genetic and Genomic Foundations of PCOS: An Update W-183B 8:00–9:30 AM				[SY093] SYMPOSIUM: Signaling Mechanisms in Reproductive Endocrinology W-180 8:00–9:30 AM
		[MTP33] MEET THE PROFESSOR: Approach to Non-Binary Adolescents and Young Adults W-184BC 9:45–10:30 AM			[MTP39] MEET THE PROFESSOR: Radioligand Therapy of Endocrine-Related Cancers W-176 9:45–10:30 AM	[MTE001] MEET-THE-EDITORS: Carol Lange - Endocrinology and Dr. Pierre de Meyts- Frontiers in Molecular and Structural Endocrinology W-175 9:45–10:30 AM
	[MTP42] MEET THE PROFESSOR: Current Concepts in Delayed Puberty W-181 10:45–11:30 AM	[MTP43] MEET THE PROFESSOR: Fertility Preservation for Transgender and Gender Diverse Adolescents and Young Adults W-176 10:45–11:30 AM				[MTP44] MEET THE PROFESSOR: Management of Androgen Abuse, Recovery, and Dependence W-183B 10:45–11:30 AM
	[SY098] SYMPOSIUM: Endocrine Effects of Childhood Cancer W-183C 11:45 AM–1:15 PM	[SY102] SYMPOSIUM: Emerging Trends in IVF W-183A 11:45 AM–1:15 PM	[SY099] SYMPOSIUM: Timing is Everything: How Nuclear Receptors Function as Clocks W-180 11:45 AM–1:15 PM			[SY100] SYMPOSIUM: Structure and Activation of Insulin, IGF1, and Hybrid Receptors W-179B 11:45 AM–1:15 PM


CME/CE SYMPOSIUM



# Expert Updates on the Latest Advances in the Development of Weekly Insulin Formulations

Friday, June 16, 2023

 **Registration and Dinner**  
6:00 PM - 6:30 PM CT

 **Symposium**  
6:30 PM - 8:00 PM CT

**Hyatt Regency McCormick Place**  
2233 S Martin Luther King Dr  
Chicago, IL 60616

 **2nd Floor, Ballroom CDE**



**PROGRAM CHAIR**  
**RODOLFO J. GALINDO, MD, FACE**  
University of Miami Miller School of Medicine  
Miami, Florida



**FACULTY**  
**JUAN PABLO FRIAS, MD**  
National Research Institute  
Los Angeles, California



**CAROL HATCH WYSHAM, MD**  
University of Washington  
Spokane, Washington

## Program Overview

Experts on the frontlines of insulin research and patient care will provide the latest evidence on weekly insulin formulation in this live, hybrid event. Faculty will cover the latest in weekly insulin formulations, including mechanisms, efficacy, and safety, and will address the anticipated needs of patients and providers once these treatments are available.

## Agenda

- Welcome
- Tracking the Evolution of Insulin and the Impetus for Change
- Overview of Weekly Insulin Formulations in Development
- The Latest Clinical Trial Data of Weekly Insulin Formulations
- Practical Considerations and Addressing Concerns
- Question and Answer Session
- Conclusion, Postactivity Polling, Q&A

### Accreditation

The Endocrine Society is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. Endocrine Society has achieved Accreditation with Commendation. This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the Endocrine Society and Clinical Care Options.

### AMA PRA Category 1 Credit

The Endocrine Society designates this live activity for a maximum of 1.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### Joint Accreditation Statement



JOINTLY ACCREDITED PROVIDER  
INTERPROFESSIONAL CONTINUING EDUCATION

In support of improving patient care, Clinical Care Options, LLC (CCO) is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC) to provide continuing education for the healthcare team.

### Nursing Continuing Professional Development

The maximum number of hours awarded for this Nursing Continuing Professional Development activity is 1.5 contact hours.

### Physician Associate/Physician Assistant Continuing Medical Education



Clinical Care Options, LLC has been authorized by the American Academy of PAs (AAPA) to award AAPA Category 1 CME credit for activities planned in accordance with AAPA CME Criteria. This activity is designated for 1.5 AAPA Category 1 CME credits. PAs should only claim commensurate with the extent of their participation.

Jointly provided by Clinical Care Options, LLC and Endocrine Society.

This activity is supported by an educational grant from Lilly.



Scan QR code to register

or register at:

[www.xpressreg.net/register/endo0623/landing.asp](http://www.xpressreg.net/register/endo0623/landing.asp)

On-site registration available

Seating will be provided on a first come first serve basis. Onsite registration if space allows.

# More Than Weight:

Treating Obesity as Part of a Comprehensive Care Approach to Cardiometabolic Disease

Hyatt Regency McCormick Place  
Chicago, IL

Regency Ballroom AB

Thursday, June 15, 2023

7:00 – 7:30 PM Registration and Dinner

7:30 – 9:00 PM Symposium

## Learning Objectives

Upon completion of this activity, learners will be able to:

- Describe the biological mechanisms of appetite and weight control that are dysregulated in people with obesity
- Discuss the link between obesity and its comorbidities, including cardiometabolic diseases
- Evaluate the latest clinical data in adults and adolescents for available and emerging antiobesity medications
- Identify appropriate treatment plans for individuals with obesity and comorbid conditions

## Agenda

7:00 – 7:30 PM	<b>Registration and Dinner</b>
7:30 – 7:35 PM	<b>Welcome and Introduction</b> Domenica M Rubino, MD—Program Chair
7:35– 8:05 PM	<b>Short “Your Questions Answered” Presentations:</b> <b>What drives obesity?</b> Judy Korner, MD, PhD, DABOM <b>Why should we be so concerned about obesity?</b> Jaime Almandoz, MD, MBA, FTOS <b>Obesity is a disease – why aren’t we treating it as one?</b> Michael Vallis, PhD, RPsych
8:05 – 8:50 PM	<b>Case-Based Panel Discussions</b> <ul style="list-style-type: none"><li>• <b>Case 1, Cardiology Conundrum</b></li><li>• <b>Case 2, Hepatology History</b></li><li>• <b>Case 3, Osteoarthritis Obstacle</b></li></ul> Faculty Panel, moderated by Domenica Rubino
8:50 – 9:00 PM	<b>Summary and Close</b> Panel

## Faculty



**Domenica M Rubino, MD—  
Program Chair**

Director  
Washington Center for Weight  
Management and Research



**Judy Korner, MD, PhD, DABOM**

Professor of Medicine  
Director, Metabolic and Weight  
Control Center  
Columbia University Irving  
Medical Center  
Chair, American Board of Obesity  
Medicine



**Jaime Almandoz, MD, MBA, FTOS**

Medical Director  
Weight Wellness Program  
Associate Professor of Internal  
Medicine  
Division of Endocrinology  
UT Southwestern Medical Center



**Michael Vallis, PhD, RPsych**

Associate Professor  
Department of Family Medicine  
Dalhousie University

## Registration



No fee is required for this activity.  
Seating will be provided on a first come first served basis.  
Registration for this activity is available at:

[https://www.endocrine.org/meetings-and-events/  
endo2023/register](https://www.endocrine.org/meetings-and-events/endo2023/register).

## CME Credits

1.5 AMA PRA Category 1 Credits™



# Advances in Delaying the Onset of **TYPE 1 DIABETES**

## What Do You Need to Know **Now and in the Future?**

**FRIDAY, JUNE 16, 2023**

6:00–8:00 AM

McCormick Place Convention Center  
West Building • Regency Ballroom AB  
**CHICAGO**

### **Program Overview**

Join us for a deep dive on the immunologic aspects of Type 1 Diabetes (T1D) and how these can be utilized to delay onset of T1D. Topics will include applications of immunologic principles to prevent T1D, the latest advances in screening for T1D, and how to utilize immunotherapies to delay T1D.

### **Target Audience**

This activity is intended for pediatric and adult endocrinologists, NPs and PAs who specialize in endocrinology, nurses and other members of the pediatric endocrinology team, diabetologists, certified diabetes educators, and others who manage patients with T1D.

### **Learning Objectives**

After participating in this activity you will be able to:

- Evaluate current and proposed T1D screening recommendations
- Describe immunotherapeutic approaches to delaying clinical T1D to patients and families
- Advise clinical colleagues on the appropriate screening for T1D in their patients
- Utilize approved immunotherapy to delay onset of T1D
- Outline necessary steps toward improved T1D screening

### **Faculty**

**Linda DiMeglio, MD**

Professor of Pediatrics  
Division Chief, Pediatric Endocrinology  
Indiana University School of Medicine  
Indianapolis, Indiana

**Marian Rewers, MD, PhD**

Executive Director  
Professor of Pediatrics, Barbara Davis Center  
University of Colorado Medicine  
Aurora, Colorado

**Aniket Sidhaye, MD**

Program Director  
Endocrinology and Metabolism Fellowship  
Associate Professor of Medicine  
Johns Hopkins Medicine  
Baltimore, Maryland

**Riitta Veijola, MD, PhD**

Professor, Chief Physician  
Department of Pediatrics  
University of Oulu and Oulu University Hospital  
Oulu, Finland

This activity is supported by an independent medical educational grant from Provention Bio.

# PRODUCT THEATERS

All Product Theaters are located in the ENDOExpo.

## THURSDAY, JUNE 15

12:30–1:30 PM CT

Mounjaro™ (tirzepatide) Product Theater

Lilly USA

[Product Theater #1](#)

Evolving Perspectives in Hypercortisolism: A Panel Discussion

Corcept Therapeutics

[Product Theater #2](#)

Treating Hypothyroidism: A Contemporary Clinical Perspective on DTE and Its Value for Patient Care

Acella Pharmaceuticals

[Product Theater #3](#)

3:15–4:15 PM CT

The History, Diagnosis, and Identification of Patients with Cushing's Disease

Recordati Rare Diseases

[Product Theater #1](#)

Please Join Provention Bio for a Product Theater to Learn More About an Approved Therapy

Provention Bio

[Product Theater #3](#)

## FRIDAY, JUNE 16

9:30–10:30 AM CT

Advancements in Long-Term Management of Cortisol and Cushing's Syndrome

Xeris BioPharma

[Product Theater #1](#)

Why You Should Care: Challenges in the Management of Hypoparathyroidism

Ascendis Pharma

[Product Theater #2](#)

Introduction to Rare Melanocortin-4 Receptor (MC4R) Pathway Diseases

Rhythm Pharmaceuticals, Inc.

[Product Theater #3](#)

12:00–1:00 PM CT

Understanding the Management of Pediatric Growth Hormone Deficiency (PGHD): Addressing Unmet Needs and Considerations for Clinical Decision-Making

Pfizer Inc.

[Product Theater #1](#)

The Picture of CGM in Type 2 Diabetes: Now and in the Future.

Dexcom Inc.

[Product Theater #2](#)

Thyroid Eye Disease (TED): Early Diagnosis, Referral, and Treatment

Horizon Therapeutics

[Product Theater #3](#)

2:30–3:30 PM CT

Disguised: How the Common Phosphorus Test Leads to a Commonly Missed Diagnosis in Metabolic Bone Disease

Kyowa Kirin

[Product Theater #1](#)

Clinical Updates of Hypophosphatasia

Alexion Pharmaceuticals

[Product Theater #2](#)

Recognizing and Diagnosing Familial Chylomicronemia Syndrome

Ionis Pharmaceuticals

[Product Theater #3](#)

## SATURDAY, JUNE 17

9:45–10:45 AM CT

SKYTROFA® (lonapegsomatropin-tcgd): The First FDA-approved, Once-weekly Treatment for Pediatric Growth Hormone Deficiency

Ascendis Pharma

[Product Theater #1](#)

Realizing the Possibilities: Extending Growth Hormone Treatment Options

Novo Nordisk

[Product Theater #3](#)

1:00–2:00 PM CT

New Generation of TSH-R-AB

Bioassays: Relevance & Performance

QuidelOrtho

[Product Theater #1](#)

Lyumjev® (insulin lispro-aabc) and Dexcom G7 Product Theater

Lilly USA

[Product Theater #2](#)

Targeting Impairment in the MC4R Pathway, a Root Cause of Hyperphagia and Obesity in Bardet-Biedl Syndrome (BBS)

Rhythm Pharmaceuticals, Inc.

[Product Theater #3](#)

# ENDOEXPO EXHIBITOR LIST

As of May 11, 2023

COMPANY	BOOTH NUMBER	E-F	O-Q	
<b>A-B</b>		eClinicalWorks 1701	OSTEOSTRONG 2040	
Abbvie	1901	Egetis Therapeutics US 1350	Patient Advocate Foundation 1521	
Acella Pharmaceuticals	1844	Elsevier 1620	Pfizer Inc. 1820	
AEYE Health	1815	Endo Pharmaceuticals, Inc. 1543	Phoenix Pharmaceuticals, Inc. 1849	
Alexion, AstraZeneca Rare Diseases	1720	Eton Pharmaceuticals 1705	Precision Analytical, Inc. 1702	
American Thyroid Association	1748	European Society of Endocrinology 1749	Progenics, a Lantheus Company 1811	
Amneal Pharmaceuticals, Inc.	2029	<b>G-J</b>		
Amryt Pharma	1614	Gene Tools, LLC 1939	Provention Bio 1944	
AnovoRx	1515	GoodRX 1504	Quality Management Solutions 1502	
Ansh Labs	1845	Halozyme 1508	QuidelOrtho 2028	
ASCEND Therapeutics US LLC	2033	Horizon Therapeutics 2023	<b>R-S</b>	
ASCEND Therapeutics US LLC	2034	HRA Pharma Rare Diseases 1814	RADIANT (Rare and Atypical Diabetes Network) 1444	
ASCEND Therapeutics US LLC	2035	HypoPARAthyroidism Association 1745	Recordati Rare Diseases Inc. 1608	
Ascendis Pharma	1740	IBSA Pharma Inc. 1938	Regeneron Pharmaceuticals 1638	
Ascendis Pharma	1628	Immunovant, Inc. 1800	Research Diets, Inc. 1837	
Ascensia Diabetes Care	2038	Interpace Biosciences Inc 1621	Rhythm Pharmaceuticals 1708	
Aspirus Health	1524	Ionis Pharmaceuticals 1646	Rhythm Pharmaceuticals 1809	
Association of Program Directors in Endocrinology, Diabetes, and Metabolism	1448	IPSEN Biopharmaceuticals, Inc. 1716	Sable Systems International, Inc. 1803	
Averitas	1839	Jama Network 1544	Salix Pharmaceuticals, Inc. 1505	
BioMarin Pharmaceutical Inc.	1817	<b>K-L</b>		
Bioscientifica	1644	Koios Medical 1747	SkinGrip 1841	
BridgeBio	1951	Kyowa Kirin 1710	Sling Therapeutics 1950	
<b>C-D</b>		Kyowa Kirin 1808	Sonic Healthcare USA/Thyroseq 1905	
CARES Foundation, Inc.	1603	LabCorp 1917	Springer Nature 1643	
Cleveland Clinic	1547	Lilly USA 1700	Spruce Biosciences 1805	
Corcept Therapeutics	1704	L-Nutra 1622	<b>T-X</b>	
Corcept Therapeutics	1928	Lumos Pharma 1932	Tolmar Pharmaceutical 1736	
Cornerstone Wellness MD	1941	<b>M-N</b>		
Cox Health	1522	Mid-Atlantic Permanente Medical Group 1443	Tolmar Pharmaceutical 1738	
Crinetics Pharmaceuticals	1623	Neurocrine Biosciences, Inc. 1600	Topcon Healthcare 1804	
Cushing's Support & Research Foundation	1520	North Shore/Edward Elmhurst Health 1525	Ultragenyx Pharmaceutical – Medical Affairs 1915	
Defense Health Agency	1605	Northwell Health 1523	Veracyte, Inc. 1509	
Dexcom	1838	Norton Medical Group 1500	VeroScience 1850	
Do No Harm	1545	Novo Nordisk Inc. 1728	Wellnext Group 2044	
Doximity	1604	Novo Nordisk Inc. 1828	WonderPax 2046	
			Xeris BioPharma 1514	



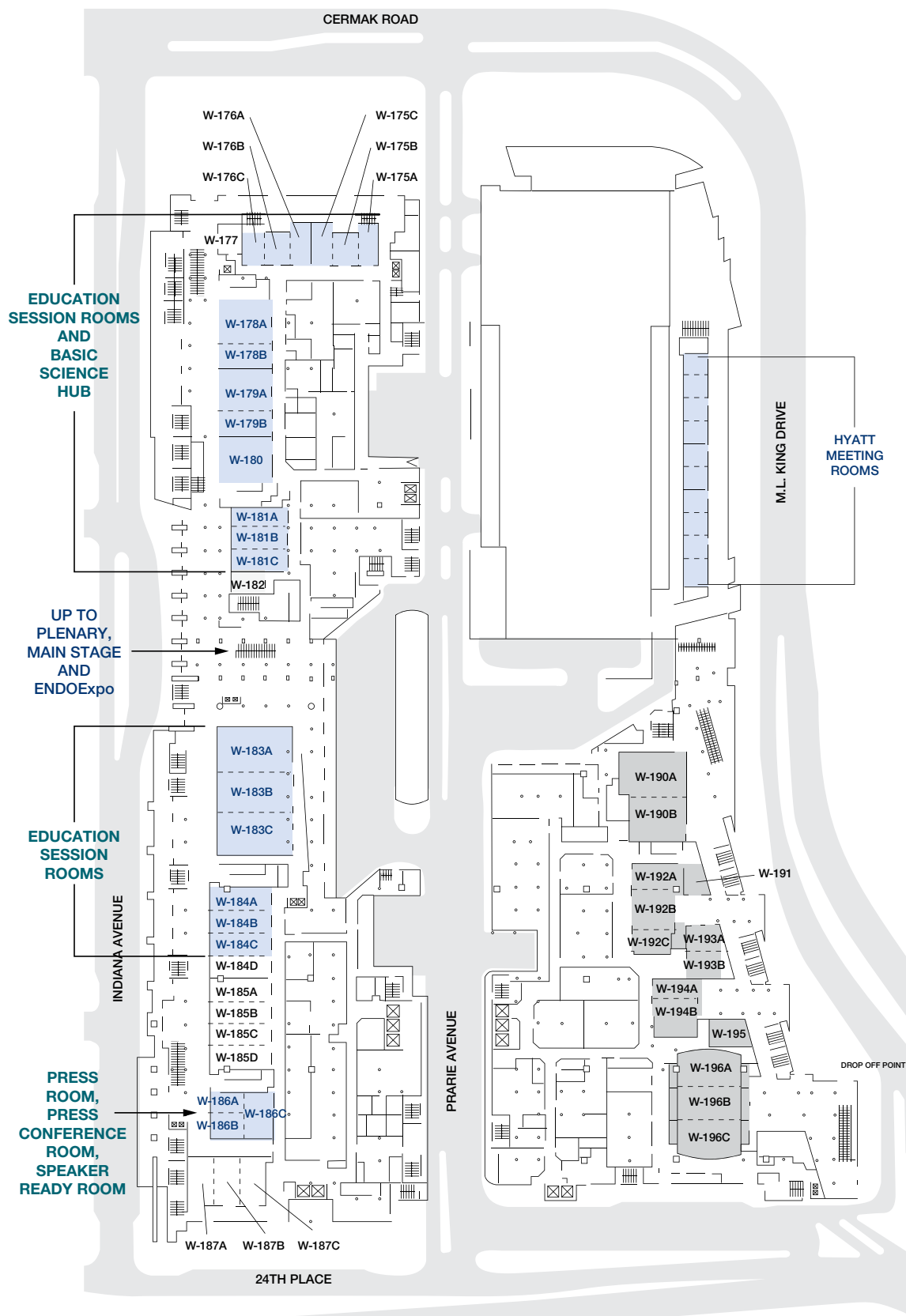
# ENDOEXPO FLOOR PLAN

JUNE 15-17, 2023 McCORMICK PLACE, WEST BUILDING LEVEL 3, HALL F CHICAGO, IL As of May 11, 2023

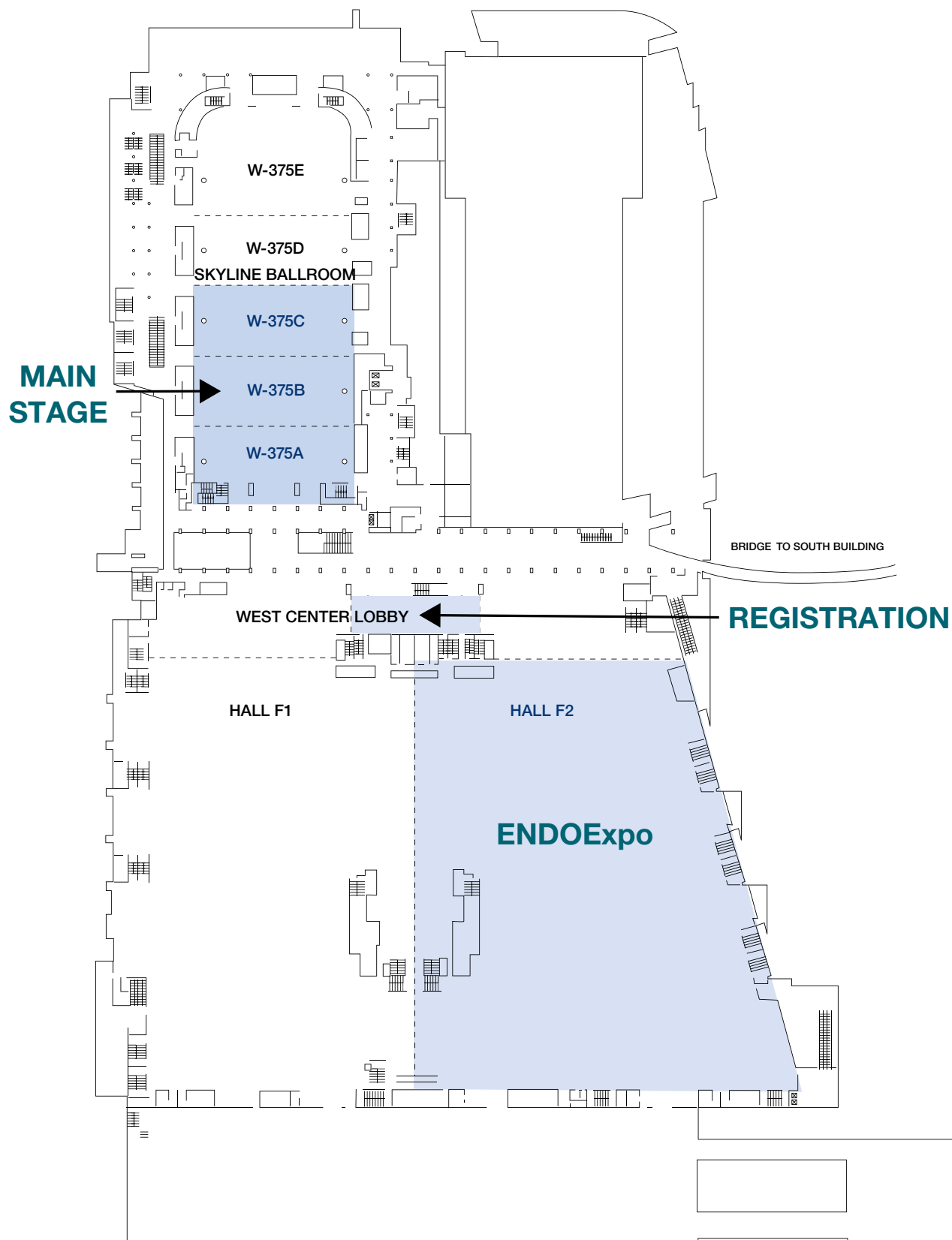


# McCORMICK PLACE FLOOR PLANS

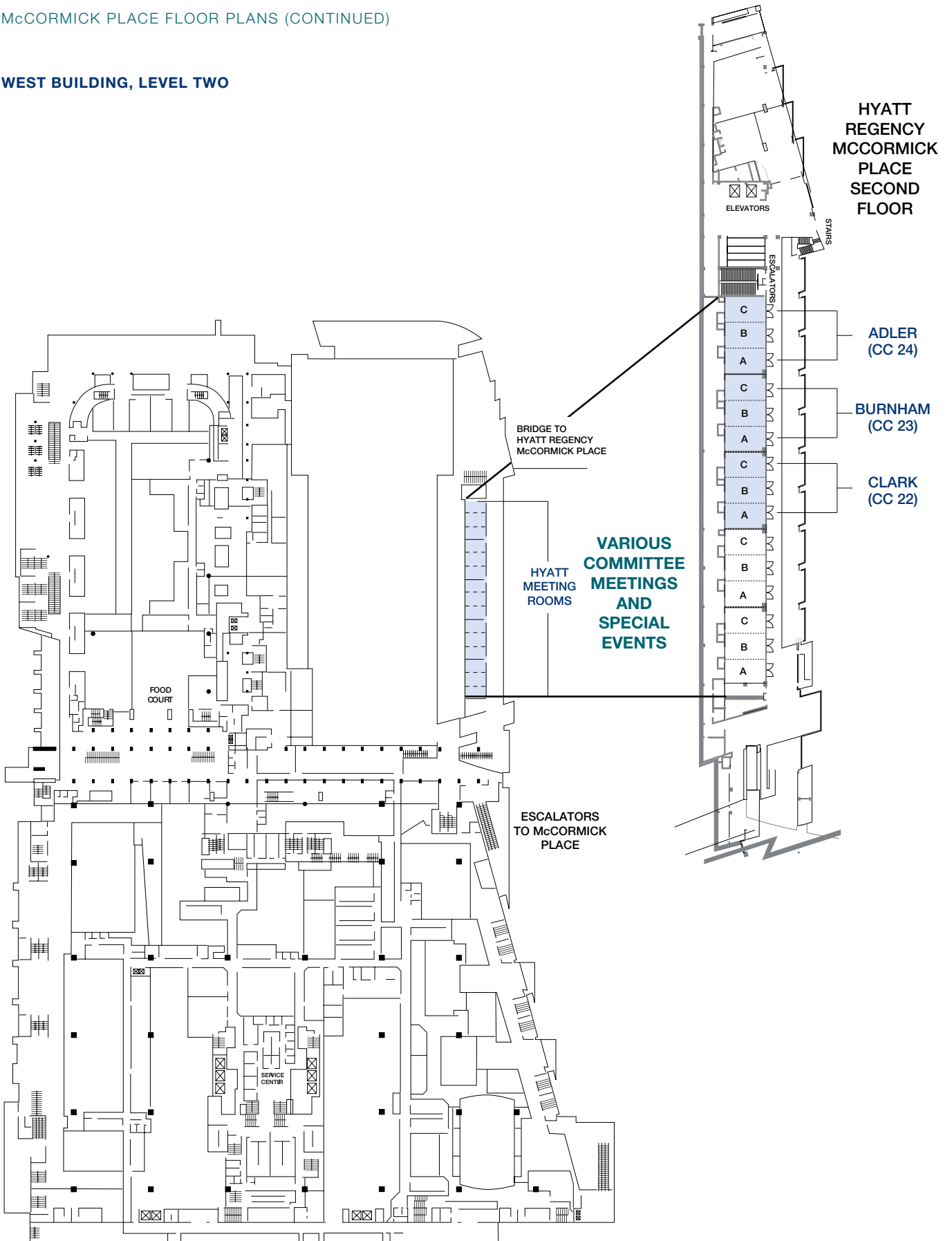
## WEST BUILDING, LEVEL ONE



**WEST BUILDING, LEVEL THREE**



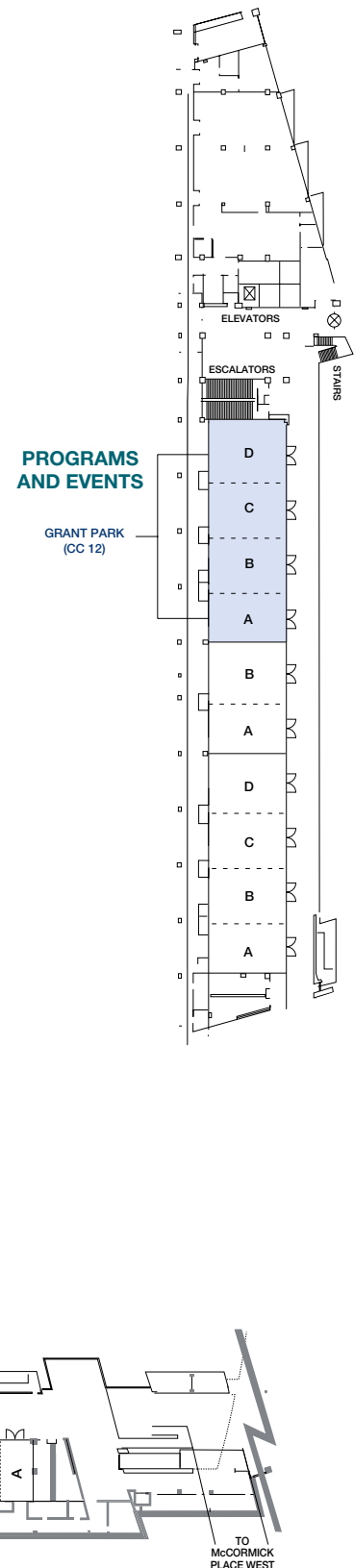
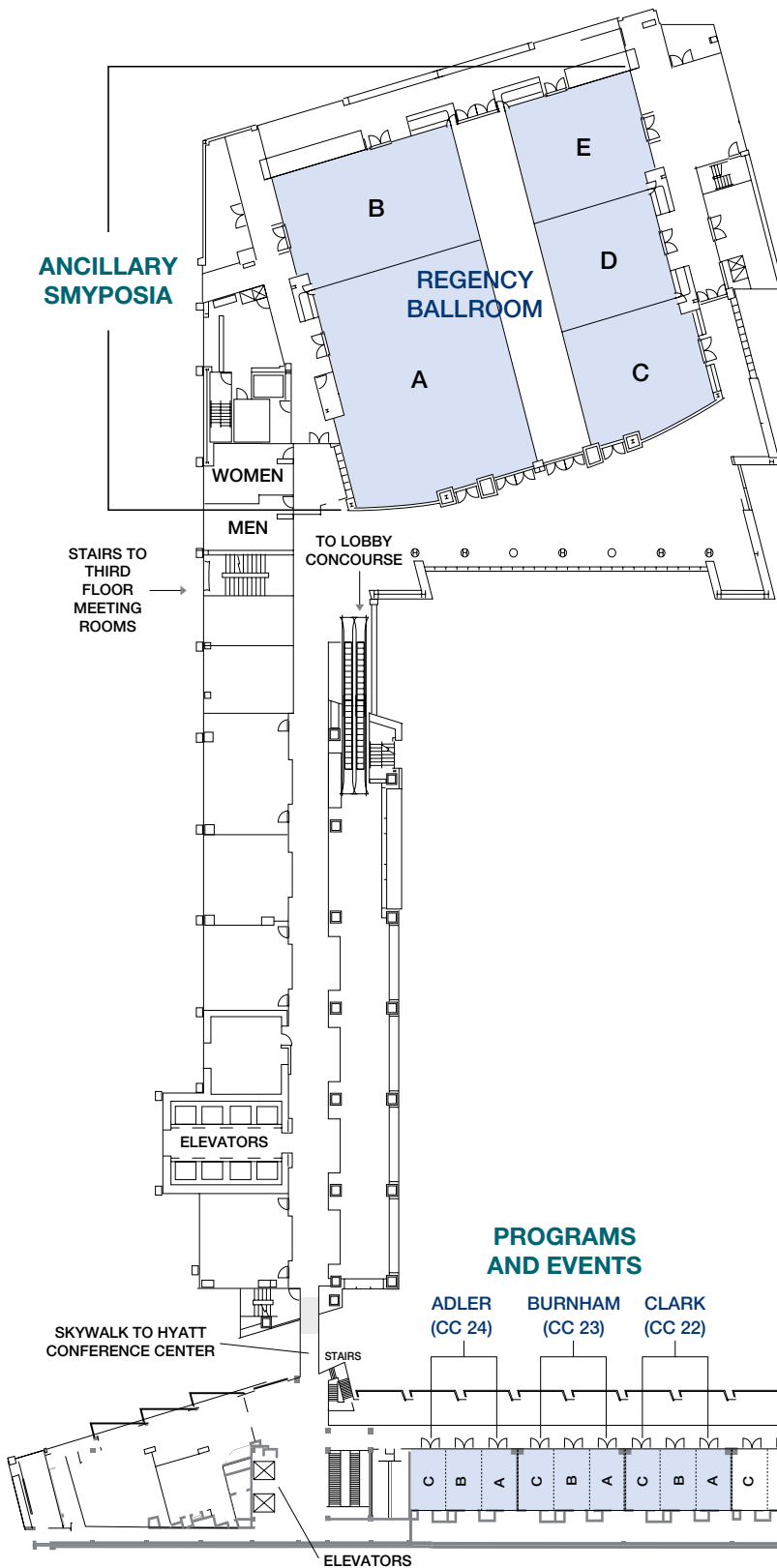
WEST BUILDING, LEVEL TWO



# HYATT REGENCY FLOOR PLANS

## SECOND FLOOR

## FIRST FLOOR



# ENDO2023

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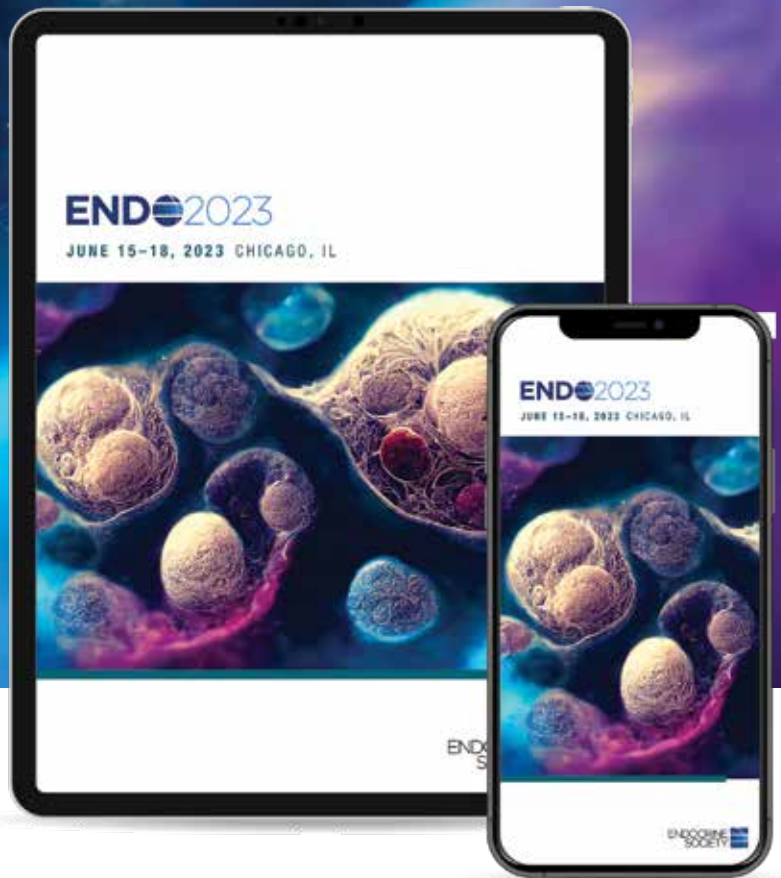
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- Customizable calendar and itinerary builder
- Exhibitor listing with booth map
- Networking opportunities with colleagues
- Meeting alerts

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- If you have a QR code reader on your mobile device, scan the code at the right and the code will take you to instructions for downloading the ENDO 2023 Meeting App native to your device.
- You can also search “Endocrine Society Meetings” in your Apple or Android app store.
- For more information, scan the QR code on the right or visit [endocrine.org/endoapp](https://endocrine.org/endoapp). Mobile app itineraries are refreshed every hour.
- The ENDO 2023 Meeting App is compatible with iPhone and Android smartphones, as well as iPads.

