

# FAES@NIH Endocrinology Update Review Course

## September 18-22, 2023

### Tentative Agenda

Monday, September 18, 2023 - Calcium Day	
Moderator: Dr. Lee Weinstein	
8:00-9:20	<b>Hyperparathyroidism</b> <b>Smita Jha, M.D.</b> <i>Director, Bone &amp; Mineral Disorders Research, Metabolic Diseases Branch, National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health</i>
9:20-9:30	<b>Questions &amp; Answers - Hyperparathyroidism</b>
9:30-10:20	<b>Surgical Approaches to Endocrine Disease</b> <b>Naris Nilubol, M.D., F.A.C.S.</b> <i>Head, Targeted Therapy in Endocrine Cancers Section National Cancer Institute, National Institutes of Health</i>
10:20-10:30	<b>Questions &amp; Answers - Surgical Approaches to Endocrine Disease</b>
10:30-10:45	<b>BREAK</b>
10:45-11:20	<b>Non-Parathyroid Hypercalcemia</b> <b>William Simonds, M.D.</b> <i>Senior Clinical Investigator Metabolic Diseases Branch National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health</i>
11:20-11:30	<b>Questions &amp; Answers - Non-Parathyroid Hypercalcemia</b>
11:30-12:05	<b>Treatment of Hypercalcemia</b> <b>William Simonds, M.D.</b>
12:05-12:15	<b>Questions &amp; Answers - Treatment of Hypercalcemia</b>
12:15-1:15	<b>LUNCH BREAK</b>
1:15-1:40	<b>G Proteins in Endocrine Diseases</b> <b>Lee Weinstein, M.D.</b> <i>Chief, Metabolic Diseases Branch Chief, Signal Transduction Section National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health</i>
1:40-1:45	<b>Questions &amp; Answers - G Proteins in Endocrine Diseases</b>
1:45-2:35	<b>Hypocalcemia</b> <b>Lee Weinstein, M.D.</b>
2:35-2:45	<b>Questions &amp; Answers - Hypocalcemia</b>
2:45-3:10	<b>Phosphate Disorders</b> <b>Rachel Gafni, M.D.</b> <i>Senior Research Physician and Head, Mineral Homeostasis Studies Group National Institute of Dental and Craniofacial Research, National Institutes of Health</i>
3:10-3:15	<b>Questions &amp; Answers - Hypophosphatemia/Rickets</b>
3:15-3:30	<b>BREAK</b>
3:30-4:20	<b>Osteoporosis</b> <b>Michael Collins, M.D.</b> <i>Senior Investigator Chief, Skeletal Disorders and Mineral Homeostasis Section National Institute of Dental and Craniofacial Research, National Institutes of Health</i>
4:20-4:30	<b>Questions &amp; Answers - Osteoporosis</b>
4:30-5:00	<b>Other Bone Diseases</b> <b>Kelly Roszko, M.D.</b> <i>Endocrinologist, Massachusetts General Hospital</i>
5:00-6:00	<b>Board Review Questions: Calcium/Bone</b> <b>Kelly Roszko, M.D.</b> <b>Lee Weinstein, M.D.</b>
6:00	<b>Adjournment</b>

# Tuesday, September 19, 2023 - Thyroid Day

Moderator: Dr. Francesco Celi

8:00-8:35	<b>Thyroid Nodules</b> <b>Victor Bernet, M.D.</b> <i>Chair, Division of Endocrinology, Mayo Clinic Florida</i> <i>Associate Professor, Mayo Clinic College of Medicine</i>
8:35-8:45	<b>Questions &amp; Answers - Thyroid Nodules</b>
8:45-9:20	<b>Diagnostic Imaging-</b> <b>Joanna Klubo-Gwiezdzinska, M.D.</b> <i>Lasker Tenure Track Investigator</i> <i>Acting Chief of the Thyroid Tumors and Functional Thyroid Disorders Section</i> <i>National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health</i>
9:20-9:30	<b>Questions &amp; Answers - Diagnostic Imaging</b>
9:30-10:05	<b>Hypothyroidism and Treatment</b> <b>Kenneth Burman, M.D.</b> <i>Chief, Endocrine Section, Medstar Washington Hospital Center</i> <i>Professor, Department of Medicine, Georgetown University</i>
10:05-10:15	<b>Questions &amp; Answers - Hypothyroidism and Treatment</b>
10:15-10:30	<b>BREAK</b>
10:30-11:20	<b>Thyrotoxicosis and Graves' Orbitopathy</b> <b>Henry Burch, M.D.</b> <i>Program Director, Division of Diabetes, Endocrinology, and Metabolic Diseases</i> <i>National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health</i>
11:20-11:30	<b>Questions &amp; Answers - Thyrotoxicosis and Graves' Orbitopathy</b>
11:30-12:20	<b>Resistance to Thyroid Hormone and Other Rare Diseases of the Thyroid Axis</b> <b>Francesco Celi, M.D.</b>
12:20-12:30	<b>Questions &amp; Answers - Resistance to Thyroid Hormone and Other Rare Diseases of the Thyroid Axis</b>
12:30-1:30	<b>LUNCH BREAK</b>
1:30-2:05	<b>Thyroid Physiology, Laboratory Tests and Interference</b> <b>Francesco Celi, M.D.</b> <i>William G. Blackard Professor of Medicine</i> <i>Chair, Division of Endocrinology Diabetes and Metabolism</i> <i>Director, VCU Health Diabetes Program, Department of Internal Medicine Virginia Commonwealth University</i>
2:05-2:15	<b>Questions &amp; Answers - Thyroid Physiology, Laboratory Tests and Interference</b>
2:15-2:35	<b>Thyroiditis</b> <b>Kenneth Burman, M.D.</b>
2:35-2:45	<b>Questions &amp; Answers - Thyroiditis</b>
2:45-3:20	<b>Thyroid Disease in Pregnancy and Lactation</b> <b>Joanna Klubo-Gwiezdzinska, M.D.</b>
3:20-3:30	<b>Questions &amp; Answers - Thyroid Disease in Pregnancy and Lactation</b>
3:30-4:05	<b>Thyroid Cancer</b> <b>Laura Boucai, M.D.</b> <i>Associate Professor of Medicine,</i> <i>Memorial Sloan Kettering Cancer Center,</i> <i>Weill Cornell Medical College</i>
4:05-4:15	<b>Questions &amp; Answers - Thyroid Cancer</b>
4:15-5:05	<b>Disorders of Water Metabolism</b> <b>Joseph Verbalis, M.D.</b> <i>Professor of Medicine and Division Chief of Endocrinology</i> <i>Division of Endocrinology and Metabolism, Department of Medicine</i> <i>Director, Georgetown Clinical Research Center</i>
5:05-5:15	<b>Questions &amp; Answers - Disorders of Water Metabolism</b>
5:15-6:15	<b>Problem Session - Water Metabolism</b> <b>Natasa Janicic, M.D.</b> <i>Associate Professor of Medicine, Division of Endocrinology and Metabolism</i> <i>Georgetown University</i>
6:15	<b>Adjournment</b>

## Wednesday, September 20, 2023 - Pituitary Day

Moderator: Dr. Susmeeta Sharma

8:00-8:50	<b>Acromegaly</b> <b>Beverly M.K. Biller, M.D.</b> <i>Professor of Medicine, Harvard Medical School Massachusetts General Hospital</i>
8:50-9:00	<b>Questions &amp; Answers - Acromegaly</b>
9:00-9:50	<b>Cushing's Syndrome</b> <b>Lynnette K. Nieman, M.D.</b> <i>Senior Investigator and Chief of the Endocrinology Consultation Service at the NIH Clinical Center Eunice Kennedy Shriver National Institute of Child Health and Human Development, National Institutes of Health</i>
9:50-10:00	<b>Questions &amp; Answers - Cushing's Syndrome</b>
<b>10:00-10:15</b>	<b>BREAK</b>
10:15-11:05	<b>Prolactinoma</b> <b>Mark Molitch, M.D.</b> <i>Professor Emeritus, Division of Endocrinology, Metabolism and Molecular Medicine Department of Medicine Northwestern University Feinberg School of Medicine</i>
11:05-11:15	<b>Questions &amp; Answers - Prolactinoma</b>
11:15-12:05	<b>Growth Hormone Deficiency in Adults</b> <b>Mark Molitch, M.D.</b>
12:05-12:15	<b>Questions &amp; Answers - Growth Hormone Deficiency in Adults</b>
<b>12:15-1:15</b>	<b>LUNCH BREAK</b>
1:15-2:15	<b>Female Reproduction</b> <b>Vaishali Popat, M.D.</b> <i>Biomedical Informatics in the Office of New Drugs (OND) U.S. Food and Drug Administration</i>
2:15-3:00	<b>Problem Session - Female Reproduction</b> <b>Vaishali Popat, M.D.</b>
<b>3:00-3:15</b>	<b>BREAK</b>
3:15-4:15	<b>Male Reproduction</b> <b>Shalender Bhasin, M.D.</b> <i>Endocrinologist, Brigham and Women's Hospital Professor of Medicine, Harvard Medical School</i>
4:15-5:00	<b>Problem Session - Male Reproduction</b> <b>Shalender Bhasin, M.D.</b>
5:00-5:50	<b>Transgender Medicine</b> <b>Stephen M. Rosenthal, M.D.</b> <i>Professor of Pediatrics, Division of Pediatric Endocrinology Medical Director, Child and Adolescent Gender Center University of California at San Francisco</i>
5:50-6:00	<b>Questions &amp; Answers - Transgender Medicine</b>
<b>6:00</b>	<b>Adjournment</b>

# Thursday, September 21, 2023 - Diabetes Day

Moderator: Dr. Aaron Cypess

8:00-8:50	<b>Obesity - Epidemiology, Pathophysiology, Treatment and Questions</b> <b>Trey Wickham, M.D., M.P.H.</b> <i>Associate Professor of Internal Medicine and Pediatrics</i> <i>Co-Director, Healthy Lifestyles Center</i> <i>Division of Endocrinology, Diabetes and Metabolism</i> <i>Virginia Commonwealth University</i>
8:50-9:00	<b>Questions &amp; Answers - Obesity</b>
9:00-9:35	<b>Neuropathy</b> <b>Chris Gibbons, M.D., M.M.Sc.</b> <i>Associate Professor of Neurology, Harvard Medical School</i> <i>On staff at Beth Israel Deaconess Medical Center and Joslin Diabetes Center</i>
9:35-9:45	<b>Questions &amp; Answers - Neuropathy</b>
<b>9:45-10:00</b>	<b>BREAK</b>
10:00-10:50	<b>Type 1 Diabetes Update</b> <b>Genetics, Epidemiology, and Treatment and Questions</b> <b>Jason L. Gaglia, M.D., M.M.Sc.</b> <i>Section Head, Clinical, Behavioral and Outcomes Research</i> <i>Assistant Investigator, Joslin Diabetes Center</i> <i>Assistant Professor of Medicine, Harvard Medical School</i> <i>Director, Hood Center for the Prevention of Childhood Diabetes</i>
10:50-11:00	<b>Questions &amp; Answers - Type 1 Diabetes Update</b>
11:00-11:35	<b>Nephropathy</b> <b>Robert Stanton, M.D.</b> <i>Chief, Kidney and Hypertension Section, Joslin Diabetes Center</i> <i>Associate Professor of Medicine,</i> <i>Harvard Medical School</i>
11:35-11:45	<b>Questions &amp; Answers - Nephropathy</b>
<b>11:45-12:45</b>	<b>LUNCH BREAK</b>
12:45-1:50	<b>Type 2 Diabetes – Evidence Based Treatment</b> <b>Ranganath Muniyappa, M.D.</b> <i>Director, The Inter-Institute Endocrinology Fellowship Training Program</i> <i>Senior Research Physician, Diabetes, Endocrinology, and Obesity Branch</i> <i>National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health</i>
1:50-2:00	<b>Questions &amp; Answers - Type 2 Diabetes</b>
2:00-3:00	<b>Lipids and Hyperlipidemia</b> <b>Robert Shamburek, M.D.</b> <i>Senior Clinician, Translational Medicine Branch</i> <i>National Heart, Lung, and Blood Institute, National Institutes of Health</i>
<b>3:00-3:15</b>	<b>BREAK</b>
3:15-4:00	<b>Problem Session: Lipids</b> <b>Robert Shamburek, M.D.</b>
4:00-4:25	<b>Identifying and Treating Severe Insulin Resistance</b> <b>Rebecca Brown, M.D.</b> <i>Lasker Tenure Track Investigator</i> <i>Acting Section Chief, Section on Translational Diabetes and Metabolic Syndromes,</i> <i>Diabetes, Endocrinology and Obesity Branch</i> <i>National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health</i>
4:25-4:30	<b>Questions &amp; Answers - Lipodystrophy</b>
<b>4:30-4:45</b>	<b>BREAK</b>
4:45-5:20	<b>Retinopathy</b> <b>Emily Y. Chew, M.D.</b> <i>Director, Division of Epidemiology and Clinical Applications</i> <i>National Eye Institute, National Institutes of Health</i>
5:20-5:30	<b>Questions &amp; Answers - Retinopathy</b>
5:30-5:55	<b>Hypoglycemia</b> <b>Heather Ferris, M.D., Ph.D.</b> <i>Assistant Professor of Medicine, Division of Endocrinology and Metabolism</i> <i>Clinical Investigator in Residence, Department of Neuroscience, University of Virginia--</i>
5:55-6:00	<b>Questions &amp; Answers - Hypoglycemia</b>
<b>6:00</b>	<b>Adjournment</b>

**Friday, September 22, 2023 - Adrenal/Pediatrics Day**  
**Moderators: Drs. Susmeeta Sharma and Andrew Bauer**

8:00-9:00	<b>Adrenal Insufficiency and Adrenal Incidentaloma</b> <b>Susmeeta Sharma, M.D.</b> <i>Director of Pituitary Endocrinology at the MedStar Pituitary Center, Washington DC</i>
9:00-9:15	<b>Questions &amp; Answers - Adrenal Insufficiency and Adrenal Incidentaloma</b>
9:15-10:15	<b>Endocrine Hypertension: Pheochromocytoma</b> <b>Karel Pacak, M.D.</b> <i>Senior Investigator, Section on Medical Neuroendocrinology Eunice Kennedy Shriver National Institute of Child Health and Human Development, National Institutes of Health</i>
10:15-10:30	<b>Questions &amp; Answers - Endocrine Hypertension: Pheochromocytoma</b>
<b>10:30-10:45</b>	<b>BREAK</b>
10:45-11:45	<b>Primary Hyperaldosteronism</b> <b>Alex Ayala, M.D.</b> <i>Clinical Professor of Medicine Division of Endocrinology Miller School of Medicine University of Miami</i>
11:45-12:00	<b>Questions &amp; Answers - Primary Hyperaldosteronism</b>
<b>12:00-1:00</b>	<b>LUNCH BREAK</b>
1:00-1:40	<b>Disorders of Growth from Birth Through Puberty</b> <b>Vaneeta Bamba, M.D.</b> <i>Pediatric Endocrinologist, Medical Director of the Growth Center Director, Turner Syndrome Program, Children's Hospital of Philadelphia</i>
1:40-1:45	<b>Questions &amp; Answers - Disorders of Growth from Birth Through Puberty</b>
1:45-2:25	<b>Sexual Development and Ambiguous Genitalia</b> <b>David Langdon, M.D.</b> <i>Clinical Director, Division of Endocrinology and Diabetes Attending physician-in-charge, Inpatient Endocrine Service, Children's Hospital of Philadelphia</i>
2:25-2:30	<b>Questions &amp; Answers - Sexual Development and Ambiguous Genitalia</b>
2:30-3:10	<b>Disorders of Puberty</b> <b>Craig Alter, M.D.</b> <i>Professor of Pediatrics, Division of Endocrinology and Diabetes, Children's Hospital of Philadelphia Perelman School of Medicine, University of Pennsylvania</i>
3:10-3:15	<b>Questions &amp; Answers - Disorders of Puberty</b>
3:15-4:25	<b>Thyroid Disorders in Children and Adolescents</b> <b>Andrew Bauer, M.D.</b> <i>Director, The Thyroid Center Professor of Pediatrics, Division of Endocrinology and Diabetes, Children's Hospital of Philadelphia Perelman School of Medicine, University of Pennsylvania</i>
4:25-4:30	<b>Questions &amp; Answers - Thyroid Disorders in Children and Adolescents</b>
4:30-5:00	<b>Pediatric Endocrinology Cases</b> <b>C. Alter, A. Bauer, and D. Langdon</b>
<b>5:00</b>	<b>Adjournment</b>