# Metabolism, Obesity, and Diabetes Seminar Series

**Washington University School of Medicine**  
**2018-2019 / Thursdays / 10:00 - 11:30 am / 728 Southwest Tower**

Last updated April 24, 2019

<table>
<thead>
<tr>
<th>Speaker</th>
<th>Title</th>
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<tbody>
<tr>
<td>Thomas Baranski, MD, PhD</td>
<td>Effects of Alcohol on Coronary Artery Disease and Overall Mortality</td>
<td>Jane Reusch, MD (U of Colorado)</td>
<td>Exercise Intolerance in Diabetes: Is it a Microvascular Complication?</td>
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<tr>
<td>Laura Hollar, MD</td>
<td>Thyroid Hormone Resistance</td>
<td>Janet McGill, MD</td>
<td>Insulin Pumps and Sensors: Progress toward Closing the Loop</td>
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<tr>
<td>Pamela Smith, MD</td>
<td>HESX1 and Septo-Optic Dysplasia</td>
<td>Jing Hughes, MD, PhD</td>
<td>Primary Cilia in Islet Endocrine Cells</td>
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<tr>
<td>Johnathon (Seth) Parham, MD</td>
<td>Lipoprotein (a)</td>
<td>Rithwick Rajagopal, MD, PhD (Ophthalmology)</td>
<td>Inappropriate de novo Lipogenesis in the Neural Retina during Diabetes</td>
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<tr>
<td>Sudhir Singh, MD</td>
<td>Elevated Anti-Tg Antibody, Should we be concerned?</td>
<td>Dominic Reeds, MD</td>
<td>Effects of a Medical and Behavioral Therapy Training Program for Type 2 Diabetes in the Center for Outpatient Health: Don't lose a leg, use your head!</td>
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<tr>
<td>Jennifer Ikle, MD, PhD</td>
<td>Beckwith-Wiedemann Syndrome</td>
<td>Ellen Kim, MD (PEDS)</td>
<td>Targeting our High-risk Youth with Poorly-Controlled Type 1 Diabetes: Group Education, Social Media, and Peer Support</td>
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<tr>
<td>Ritika Puri, MD</td>
<td>Carney (is) Complex</td>
<td>Kim Carmichael, MD</td>
<td>Steroids Behaving Badly</td>
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<tr>
<td>Kyle McNerney, MD</td>
<td>Morton Adheres to the WHO</td>
<td>Jeffrey Millman, PhD</td>
<td>Dynamic insulin secretion from human stem cell-derived beta cells</td>
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<tr>
<td>Aswathi Kumar, MD</td>
<td>Adrenoleukodystrophy</td>
<td>Fernando Ovalle, MD (U of Alabama at Birmingham SOM)</td>
<td>Precision Medicine in Diabetes</td>
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<tr>
<td>Rong Mei Zhang, MD</td>
<td>Malignant Pheochromocytoma</td>
<td>Bettina Mittendorfer, PhD (Nutr Sciences)</td>
<td>Insulin resistant glucose metabolism in obesity – new insights to old problems</td>
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<tr>
<td>Rebecca Morey, MD</td>
<td>Kenny-Caffey Syndrome</td>
<td>Cristina Nostro, PhD (U of Toronto)</td>
<td>Modelling pancreatic development to generate hESC-derived beta cells</td>
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**HANUKKAH**  
**RESEARCH DAY FOR CLINICAL AND RESEARCH FELLOWS**  
(9:00 am - 1:30 pm)  
LOCATION: 728 SW TWR
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<thead>
<tr>
<th>Date</th>
<th>Speaker 1</th>
<th>Title 1</th>
<th>Speaker 2</th>
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<tbody>
<tr>
<td>2019 January 3</td>
<td>Carine Anka, MD</td>
<td>Neonatal Hypocalcemia</td>
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<tr>
<td>10</td>
<td>Henry Zelada, MD</td>
<td>A Thousand Insulin Units Daily for a 50 kg Woman? Not Your Typical Diabetes Case</td>
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<tr>
<td>17</td>
<td>Akashni Bhasin, MD</td>
<td>Pre-Pubertal Menarche</td>
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<tr>
<td>24</td>
<td>Brian Muegge, MD, PhD</td>
<td>A Cascade of Lymph Nodes in a Patient with Thyroid Cancer</td>
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<tr>
<td>2019 February 7</td>
<td>Johnathon (Seth) Parham, MD</td>
<td>Sarcopenic Obesity</td>
<td>Nathan Stitziel, MD, PhD (Cardiology)</td>
<td>Leveraging Human Genetics to Identify and Validate Therapeutic Targets</td>
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<tr>
<td>14</td>
<td>Laura Hollar, MD</td>
<td>Adrenal Hypoplasia Congenita</td>
<td>Anne Goldberg, MD</td>
<td>New Cholesterol Guidelines: More Numbers and Nuance</td>
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<tr>
<td>21</td>
<td>Ritika Puri, MD</td>
<td>SGLT-2 Inhibitors</td>
<td>Sina Jasim, MD</td>
<td>An Overview of Management Of Malignant Pheochromocytomas And Paragangliomas</td>
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<td>28</td>
<td>Kyle McNerney, MD</td>
<td>Idiopathic Infantile Hypercalcemia</td>
<td>Garry S. Tobin, MD</td>
<td>Pancreatic Insufficient Diabetics Shwachman Diamond Syndrome</td>
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<tr>
<td>2019 March 7</td>
<td>Christina Jacobsen, MD, PhD (Harvard)</td>
<td>The LRP5 Pathway and Osteoblast Function In Osteogenesis Imperfecta</td>
<td>Mohamed Zayed, MD, PhD (Surgery)</td>
<td>Lipid Mediators in Diabetic Peripheral Arterial Disease</td>
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<td>14</td>
<td>Rebecca Morey, MD</td>
<td>Metformin: New Perspectives on an Old Drug</td>
<td>Jun Yoshino, MD, PhD (Nutr Sciences)</td>
<td>NAD+ and Thermogenesis</td>
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<td>21</td>
<td>Carine Anka, MD</td>
<td>Diabetes Insipidus</td>
<td>Xiaochao Wei, PhD</td>
<td>Dynamic Protein Modification by Lipid: A Journey of Studying Depalmitoylation in Endothelial Cells</td>
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<tr>
<td>28</td>
<td>Kelley Williams, MD</td>
<td>Overview of Obesity Management</td>
<td>Stephen Stone, MD</td>
<td>When One Gene Just Isn’t Enough…a Digenic Form of Extreme Insulin Resistance</td>
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<tr>
<td>2019 April 4</td>
<td>Rong Mei Zhang, MD</td>
<td>Congenital Lipodystrophy</td>
<td>Rémi Rabasa-Lhoret, MD, PhD (McGill U)</td>
<td>The Artificial Pancreas to Treat Patients Living with Type 1 Diabetes: Should It Be Single or Dual Hormone?</td>
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<td>11</td>
<td>Aswathi Kumar, MD</td>
<td>Renal Osteodystrophy</td>
<td>Maamoun Salam, MD</td>
<td>Review of Male Hypogonadism Management Aspects</td>
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<tr>
<td>CLINICAL ROUNDS (10:00 - 10:30 am)</td>
<td>RESEARCH SEMINAR/JOURNAL CLUB (10:30 - 11:30 am)</td>
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<td>Henry Zelada, MD</td>
<td>Dmitri Samovski, PhD</td>
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<td><em>Abdominal Pain, Nausea and Vomiting in a T1D Patient: Not Your Typical DKA Case</em></td>
<td><em>Fatty Acid Sensitive Regulation of Energy Metabolism</em></td>
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May 2

| Akashni Bhasin, MD | Primary Ovarian Insufficiency in Adolescents |

May 9

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If you need to change your speaking date, please arrange to switch slots with someone else and notify Karen Muehlhauser at kmuehlha@wustl.edu