# SPRING 2022 CNRC Postdoctoral Seminar Program

<table>
<thead>
<tr>
<th>Date</th>
<th>Journal Club</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feb 1</td>
<td><a href="https://www.bcm.edu/departments/pediatrics/sections-divisions-centers/childrens-nutrition-research-center/education/postdoc-seminar">Website</a></td>
</tr>
</tbody>
</table>
| Feb 8 | Building and Practicing Leadership Skills as a Postdoc – Evelin Young, PhD, Program Manager, Office of Postdoctoral Affairs  
“5-HT2CR and Regulation of Cognitive Behavior” (40 minutes) – Hesong Liu, PhD (Xu)  
“Eat for More: The Neuroendocrine Mechanism for Lactational Hyperphagia” (40 minutes) - Meng Yu, PhD (Xu) |
| Mar 1 | Handling Life’s Stressful Moments: Evidence-based Strategies to Thrive – Peggy Yang, PhD, Assistant Professor, Office of Student and Trainee Services, Baylor College of Medicine  
No seminar – Spring Break |
| Mar 15 | [Website](https://www.bcm.edu/departments/pediatrics/sections-divisions-centers/childrens-nutrition-research-center/education/postdoc-seminar) |
| Mar 22 | “Development of Enterohepatic Bile Acid Signaling in Neonatal Piglets” - Caitlin Vonderohe, PhD, DVM (Burrin)  
“Expression of Vitamin D Receptor Pathway Genes Across Various Tissues in Individuals with Obesity” – Olivia Ginnard, DO (Sisley/Tong)  
“P16 Epimutation Cooperates with APC Mutation to Promote Colon Cancer Initiation and Progression” – Li Yang, PhD (Shen)  
“Diet in Pediatric Patients with Gastroparesis” – Debra Eseonu, MD (Shulman) |
| Mar 29 | “A Food Odor-Responsive Neurocircuit Regulates Feeding” – Yang He, PhD (Xu)  
“5-HT Neurons and Meal Regulation” – Kristine Conde, PhD (Xu)  
“Incretins and Vascular Health in Youth” – Heba El Ayash, MD (Bacha) |
| Apr 12 | Time Management Strategies for Postdoc Scientists – Brianna Etoria, MBA, MA, Senior Academic Services Associate, Academic Success Center  
“Ano4 in Glucose Regulation” – Longlong ‘Lucas’ Tu, PhD (Xu)  
“Crosstalk Between Nutritional and Reproductive Signals in the Brain” – Mengjie ‘Emma’ Wang, MD, PhD (Xu)  
“Incretins and Vascular Health in Youth” – Heba El Ayash, MD (Bacha) |
| Apr 19 | Bioinformatics 101-RNAseq Analysis – Hari Yalamanchili, PhD, Assistant Professor, Pediatrics-Neurology and CNRC  
“The Impact of Obesity on Pediatric Bone Health” – Reem Shawar, MD (Bacha)  
“Developing Novel Locus-Specific Tools to Modify the DNA Methylome” – Xiaomin Chen, PhD (Shen)  
“The Gut Microbiome and the Early Environmental Influences on Intestinal Stem Cell Epigenetics” – Robert Peery, PhD (Shen)  
“Novel Means of Gene Regulation in Transgenic Plants” – Hormat Shadgou Rhein, PhD (Hirschi) |
| Apr 26 | “The Effect of Leucine Administration in Conjunction with Continuous Feeding on Lean Growth in a Preterm Piglet Model” – Erin Posey, PhD (Davis)  
“Crosstalk Between Nutritional and Reproductive Signals in the Brain” – Mengjie ‘Emma’ Wang, MD, PhD (Xu)  
“Leucine Administration in Conjunction with Continuous Feeding Improves Lean Growth in a Preterm Piglet Model” – Erin Posey, PhD (Davis)  
“Crosstalk Between Nutritional and Reproductive Signals in the Brain” – Mengjie ‘Emma’ Wang, MD, PhD (Xu)  
“Leucine Administration in Conjunction with Continuous Feeding Improves Lean Growth in a Preterm Piglet Model” – Erin Posey, PhD (Davis) |
| May 10 | Rigorous Methods for Determining In Vivo Energy Balance in Experimental Animal Models – Marta Fiorotto, PhD, Associate Professor, Pediatrics-Nutrition and CNRC  
“The Impact of Obesity on Pediatric Bone Health” – Reem Shawar, MD (Bacha)  
“Developing Novel Locus-Specific Tools to Modify the DNA Methylome” – Xiaomin Chen, PhD (Shen)  
“The Gut Microbiome and the Early Environmental Influences on Intestinal Stem Cell Epigenetics” – Robert Peery, PhD (Shen)  
“Novel Means of Gene Regulation in Transgenic Plants” – Hormat Shadgou Rhein, PhD (Hirschi) |
| May 17 | “The Impact of Obesity on Pediatric Bone Health” – Reem Shawar, MD (Bacha)  
“Developing Novel Locus-Specific Tools to Modify the DNA Methylome” – Xiaomin Chen, PhD (Shen)  
“The Gut Microbiome and the Early Environmental Influences on Intestinal Stem Cell Epigenetics” – Robert Peery, PhD (Shen)  
“Novel Means of Gene Regulation in Transgenic Plants” – Hormat Shadgou Rhein, PhD (Hirschi) |
| Jun 14 | Rigorous Methods for Determining In Vivo Energy Balance in Experimental Animal Models – Marta Fiorotto, PhD, Associate Professor, Pediatrics-Nutrition  
“The Impact of Obesity on Pediatric Bone Health” – Reem Shawar, MD (Bacha)  
“Developing Novel Locus-Specific Tools to Modify the DNA Methylome” – Xiaomin Chen, PhD (Shen)  
“The Gut Microbiome and the Early Environmental Influences on Intestinal Stem Cell Epigenetics” – Robert Peery, PhD (Shen)  
“Novel Means of Gene Regulation in Transgenic Plants” – Hormat Shadgou Rhein, PhD (Hirschi) |
| Jun 21 | “Neural Mechanisms for Metabolic and Behavioral Regulation” – Yongxiang Li, PhD (Xu)  
“Avoidant/Restrictive Eating in Children with Gastroparesis and Functional Dyspepsia” – Isha Kaul, MD (Shulman and Chumpitazi) |
| Jun 28 | “Avoidant/Restrictive Eating in Children with Gastroparesis and Functional Dyspepsia” – Isha Kaul, MD (Shulman and Chumpitazi) |

Seminar Course Leader: Nancy.Moran@bcm.edu  
Program Coordinator: Jamie.Fain@bcm.edu  
Website: [https://www.bcm.edu/departments/pediatrics/sections-divisions-centers/childrens-nutrition-research-center/education/postdoc-seminar](https://www.bcm.edu/departments/pediatrics/sections-divisions-centers/childrens-nutrition-research-center/education/postdoc-seminar)  
Updated: 01/24/2022