

# Sept 2024 – June 2025 CNRC Postdoctoral Seminar Program

*Fomon Auditorium, USDA/ARS Children's Nutrition Research Center*

*Tuesdays 12-1 PM*

Sept	3	<b>Didactic</b>
<b>“Welcome to the CNRC Postdoc Seminar Series and Tips for Giving a Great Talk”</b> <i>Nancy Moran, PhD, USDA/ARS Children's Nutrition Research Center, BCM</i>		
	10	<b>Journal Club</b>
<p style="text-align: right;">“Neurons for infant social behaviors in the mouse zona incerta” Y Li, Z Liu, G Santana, et al, Yue Deng, PhD (Xu) (20 min)</p> <p style="text-align: right;">“Sympathetic neuropeptide Y protects from obesity by sustaining thermogenic fat”, Y Zhu, L Yao, et al, Yuhan Shi, PhD (Xu) (20 min)</p>		
	17	<b>Seminar</b>
“Targeting Serotonin 2C receptor for Alzheimer’s disease-related symptoms” Hesong Liu, PhD (Xu) (40 min)		
	24	<b>Seminar</b>
<p style="text-align: right;">“Forebrain-derived neural circuits mediate metabolic benefits of running” Hailan Liu, PhD (Xu) (20 min)</p> <p style="text-align: right;">“Trpc5 in ERαMPOA neurons governs paternal behavior” Yongxiang Li, PhD (Xu) (20 min)</p>		
Oct	1	<b>Didactic</b>
<b>Frederick Pereira, Ph.D., B.Sc., Associate Professor</b> <b>Huffington Center on Aging, BCM</b>		
	8	<b>Journal Club</b>
<p style="text-align: right;">“Single-nucleus transcriptomics identifies separate classes of UCP1 and futile cycle adipocytes”, T. Wang, A. Sharma, C. Wu, et al. Xi Chen, MD, PhD (Bier) (20 min)</p> <p style="text-align: right;">“Targeting fatty acid oxidation enhances response to HER2-targeted therapy”, I. Nandi, L. Ji, H. Smith, et al. Julia Salamat, PhD (Gao) (20 min)</p>		
	15	<b>Seminar</b>
<p style="text-align: right;">"A novel approach to weight control: Active immunotherapy targeting gut hormones" Weisheng Lu, PhD (Fukuda) (20 min)</p> <p style="text-align: right;">“Estrogen receptor positive neuron in spinal cord regulate energy homeostasis” Yuhan Shi, PhD (Xu) (20 min)</p>		
	22	<b>Seminar</b>
<p style="text-align: right;">"Feel the Burn: The Insular Cortex Promotes Energy Balance via Serotonin Neurons" Kristine McDermott, PhD (Xu) (20 min)</p> <p style="text-align: right;">“Gut microbiota mediate epigenetic regulation of mucosal immunity restricts colon cancer development later in life” Fuhui Wang, PhD (Shen) (20 min)</p>		
	29	<b>Seminar</b>
<p style="text-align: right;">“Weaning-Driven Gut Microbiome Influences Intestinal Stem Cell Epigenetics to Enhance Immunological Memory”, Li Yang, PhD (Shen) (20 min)</p> <p style="text-align: right;">Regina Davis, MEd, CRA (30 min) Manager, Financial Planning and Analysis</p>		
Nov	5	<b>Didactic</b>
<b>Grant Writing Essentials - Susan Jean Marriott, Ph.D., B.S. Professor,</b> <b>Molecular Viorolgy &amp; Microbiology, BCM</b>		
	12	<b>Journal Club</b>
<p style="text-align: right;">Title, Katelyn Senkus, PhD (Moran) (20 min)</p> <p style="text-align: right;">Title, Ki Beom Jang, PhD (Davis) (20 min)</p>		

Seminar Course Leader: [Nancy.Moran@bcm.edu](mailto:Nancy.Moran@bcm.edu) Program Coordinator: [Tiffany.Jacobo@bcm.edu](mailto:Tiffany.Jacobo@bcm.edu) Updated: 11/1/2024

Website: <https://www.bcm.edu/departments/pediatrics/sections-divisions-centers/childrens-nutrition-research-center/education/postdoc-seminar>

19	<b>Seminar</b> Title, Ki Beom Jang, PhD (Davis) (20 min) “Anoctamin 4 in the Area Postrema Regulates Glucose and Energy Homeostasis” Lucas Tu, PhD (Xu) (20 min)
26	<b>No Seminar – Thanksgiving week</b>
Dec 3	<b>Didactic</b> <b>Career Paths Beyond Academia - Lindsey A. Cauthen, Principal Career Services, Office of Education Affaires, BCM</b>
10	<b>Journal Club</b> “Perineuronal nets in the perifornical area of the anterior hypothalamus regulate metabolic balance” Xing Fang, PhD (Xu) (20 min) Title, Megumi Hashida Seese, PhD (Moran) (20 min)
17	<b>Seminar</b> “Mitigating cholestasis in TPN-fed piglets via enteral agonism of farnesoid X receptor-fibroblast growth factor 19 axis” Sarah Elefson, PhD (Burrin/Guthrie) (20 min) “Reciprocal Reinforcement: Associations with Behavioral and Health Outcomes—An Interim Analysis of PSNS Data” John Alexander Jimenez-Garcia, PhD (O'Connor) (20 min)
24	<b>No seminar</b> <b>Week of Christmas &amp; New Year’s Day</b>
31	<b>No seminar</b> <b>Week of Christmas &amp; New Year’s Day</b>
Jan 7	<b>Didactic</b> <b>Intellectual Property and Technology Transfer - Michael Dilling, Executive Director, Commercializing and Technology Management, BCM</b>
14	<b>Journal Club</b> Title, Hailan Liu, PhD (Xu) (20 min) Title, Fuhui Wang, PhD (Shen) (20 min)
21	<b>No Seminar</b> <b>Holiday - Martin Luther King</b>
28	<b>Seminar</b> <b>Reserved for new postdocs</b> Title, (20 min) Title, Katelyn Senkus, PhD (Moran) (20 min)
Feb 4	<b>Didactic</b> <b>Individual Development Plan (IDP’s) Evelin Young, Program Management Lead, Graduate School of Biomedical Science, BCM</b>
Feb 11	<b>Journal Club</b> Title, Qingzhou Liu, , PhD (Xu) (20 min) Title, Antonio Carlos Ramos dos Santos, Ph.D. (Davis) (20 min)
Feb 18	<b>Seminar</b> “The effects of pregnancy on Carotenoid status across pregnancy”, Megumi Hashida Seese, PhD (Moran) (20 min)

		“The synergistic effect of methionine restriction and chemotherapies” Julia Salamat, PhD (Gao) (20 min)
Feb 25		<b>Seminar</b> “The function of p16 Epimutation in Lung Cancer Progression and Therapy” Xiaomin Chen, PhD (Shen) (20 min) Title, Xi Chen, PhD (Zhu) (20 min)
Mar 4		<b>Didactic</b> Effective Collaboration and Networking - Lynn Zechiedrich, Ph.D., B.S., Professor Molecular Virology & Microbiology- Zechiedrich
Mar 11		<b>Journal Club</b> Title, Weisheng Lu, PhD (Fukuda) (20 min) Title, John Alexander Jimenez-Garcia, PhD (O'Connor) (20 min)
Mar 18		<b>No Seminar - Spring Break week</b>
Mar 25		<b>Seminar</b> Title, Antonio Carlos Ramos dos Santos (Davis) (20 min) Reserved for new postdocs (20 min)
April 1		<b>Didactic</b> Erica Soltero Ngwolo, Ph.D., B.A., Assistant Professor USDA/ARS Children's Nutrition Research Center, BCM
April 8		<b>Journal Club</b> Reserved for new postdocs (20 min) Reserved for new postdocs (20 min)
April 15		<b>Seminar</b> Title, Meng Yu, PhD (Xu) (20 min) Title, Fang Xing, PhD (Xu) (20 min)
April 22		<b>Seminar</b> Title, Qingzhou Liu, PhD (Xu) (20 min) Title, Yue Deng, PhD (Xu) (20 min)
April 29		<b>Seminar</b> Title, Mengjie Wang, MD, PhD (Xu) (20 min) Title, Joydeep Chakraborty, PhD (Pappe) (20 min)
May 6		<b>Didactic</b> “The Genetically Engineered Rodent Models Core: Characterizing gene function and modeling human disease” - Jason Heaney, Ph.D., B.S., Associate Professor Molecular & Human Genetics
May 13		<b>Journal Club</b> Reserved for new postdocs (20 min) Reserved for new postdocs (20 min)
May 20		<b>Seminar</b> Reserved for new postdocs
May 27		<b>Seminar</b> Reserved for new postdocs
		Summer Break (June – August )

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Journal Club
Faculty Didactic
Seminar