

Sept 2024 – June 2025 CNRC Postdoctoral Seminar Program

Fomon Conference Room, USDA/ARS Children's Nutrition Research Center

Tuesdays 12-1 PM

Sept	3	Didactic "Welcome to the CNRC Postdoc Seminar Series and Tips for Giving a Great Talk" <i>Nancy Moran, PhD, USDA/ARS Children's Nutrition Research Center, BCM</i>
	10	Journal Club "Neurons for infant social behaviors in the mouse zona incerta" Y. Li, Z. Liu, G. Santana, et al, Yue Deng, PhD (Xu) (20 min) "Sympathetic neuropeptide Y protects from obesity by sustaining thermogenic fat", Y Zhu, L Yao, et al, Yuhang Shi, PhD (Xu) (20 min)
	17	Seminar "Targeting Serotonin 2C receptor for Alzheimer's disease-related symptoms" Hesong Liu, PhD (Xu) (40 min)
	24	Seminar "Forebrain-derived neural circuits mediate metabolic benefits of running" Hailan Liu, PhD (Xu) (20 min) "Trpc5 in ERαMPOA neurons governs paternal behavior" Yongxiang Li, PhD (Xu) (20 min)
Oct	1	Didactic "Defining Your Academic Job Market" Frederick Pereira, Ph.D., B.Sc., Associate Professor, Huffington Center on Aging, BCM
	8	Journal Club "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) "Targeting fatty acid oxidation enhances response to HER2-targeted therapy", I. Nandi, L. Ji, H. Smith, et al. Julia Salamat, PhD (Gao) (20 min)
	15	Seminar "A novel approach to weight control: Active immunotherapy targeting gut hormones" Weisheng Lu, PhD (Fukuda) (20 min) "Estrogen receptor positive neuron in spinal cord regulate energy homeostasis" Yuhang Shi, PhD (Xu) (20 min)
	22	Seminar "Feel the Burn: The Insular Cortex Promotes Energy Balance via Serotonin Neurons" Kristine McDermott, PhD (Xu) (20 min) "Gut microbiota mediate epigenetic regulation of mucosal immunity restricts colon cancer development later in life" Fuhui Wang, PhD (Shen) (20 min)
	29	Seminar "Weaning-Driven Gut Microbiome Influences Intestinal Stem Cell Epigenetics to Enhance Immunological Memory", Li Yang, PhD (Shen) (20 min) Regina Davis, MEd, CRA (30 min) Manager, Financial Planning and Analysis
Nov	5	Didactic "Tips for Grant Writing Success" Susan Jean Marriott, Ph.D., B.S. Professor, Molecular Virology & Microbiology, BCM
	12	Journal Club "Maternal genetics and diet modulate vitamin A homeostasis of the offspring and affect the susceptibility to obesity in adulthood in mice", R. Srinivasagan, S. Galmes, D. Vasileva, et al. Katelyn Senkus, PhD (Moran) (20 min)

Seminar Course Leader: Nancy.Moran@bcm.edu Program Coordinator: Tiffany.Jacobo@bcm.edu Updated: 4/23/2025

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19	Seminar "Start from the End: Anoctamin 4 in the Area Postrema Regulates Energy Homeostasis" Lucas Tu, PhD (Xu) (20 min)
26	No Seminar – Thanksgiving week
Dec 3	Didactic "Strategies for Effective Career Exploration & Networking" Lindsey A. Cauthen, Principal Career Services, Office of Education Affaires, BCM
10	Journal Club "Parallel gut-to-brain pathways orchestrate feeding behaviors" H. Wang, R. Lou, Y. Wang, et al Xing Fang, PhD (Xu) (20 min) "Impact of a Nutrient Formulation on Longitudinal Myelination, Cognition, and Behavior from Birth to 2 Years: A Randomized Clinical Trial" N. Schneider, M. Hartweg, J. O'Regan Megumi Hashida Seese, PhD (Moran) (20 min)
17	Seminar "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: Exploring Hispanic Fathers' Motivation in a Community-Based Weight Loss Program" John Alexander Jimenez-Garcia, PhD (O'Connor) (20 min)
24	No seminar Week of Christmas & New Year's Day
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Jan 7	Didactic "Commercialization of Intellectual Property" Michael Dilling, Executive Director, Commercializing and Technology Management, BCM
14	Journal Club "Hepatic vagal afferents convey clock-dependent signals to regulate circadian food intake" L. Woodie, L. Melink, M. Midha, et al. Hailan Liu, PhD (Xu) (20 min) "Obesity induces PD-1 on macrophages to suppress anti-tumour immunity" J. Bader, M. Wolf, G. Lupica-Tondo et al. Fuhui Wang, PhD (Xu) (20 min)
21	No Seminar Holiday - Martin Luther King
28	Seminar "Understanding carotenoids and cardiometabolic health during pregnancy and infancy", Katelyn Senkus, PhD (Moran) (20 min)
Feb 4	Didactic "Planning Your Career" Evelin Young, Program Management Lead, Graduate School of Biomedical Science, BCM
Feb 11	Journal Club "Microglia shape AgRP neuron postnatal development via regulating perineuronal net plasticity", J. Sun, X. Wang, R. Sun, et al. Qingzhou Liu, PhD (Xu) (20 min) "A feeding-induced myokine modulates glucose homeostasis", X. Shi, X. Hu, X. Fang, et al. Antonio Carlos Ramos dos Santos, PhD (Davis) (20 min)
Feb 18	Seminar "The Effects of Pregnancy on Carotenoid Status",

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		Megumi Hashida Seese, PhD (Moran) (20 min)
Feb 25		Seminar “The function of p16 Epimutation in Lung Cancer Progression and Therapy” Xiaomin Chen, PhD (Shen) (20 min) “Hyaluronidase-1 Mediates Postprandial Suppression of Hepatic Gluconeogenesis” Xi Chen, PhD (Zhu) (20 min)
Mar 4		Didactic “Effective Collaboration and Networking” Lynn Zechiedrich, Ph.D., B.S., Professor, Molecular Virology & Microbiology- Zechiedrich
Mar 11		Journal Club “NK2R control of energy expenditure and feeding to treat metabolic diseases”, F. Saas, T. Ma, J. Ekberg, et al. Weisheng Lu, PhD (Fukuda) (20 min) “Efficacy of a Community- and Family-Based Intervention on Cardiovascular Fitness and Cardiometabolic Disease Risk Factors Among Primarily Latino Families”, N. Crespo, S. Vega-Lopez, J. Szeszulski, et al., John Alexander Jimenez-Garcia, PhD (O'Connor) (20 min)
Mar 18		No Seminar - Spring Break week
Mar 25		Seminar “Assessing the persistence of anabolic resistance in skeletal muscle following preterm birth” Antonio Carlos Ramos dos Santos (Davis) (20 min) “A Humanized GPR101 Variant Causes Obesity and Delayed Puberty in Mice” Jingjing Cheng (Xu) (20 min)
April 1		Attend the 2025 Pediatric Research Symposium Legacy Tower Taussig Auditorium (16 th Floor)
April 8		Journal Club “Intermittent feeding with an overnight fast versus 24-h feeding in critically ill neonates, infants, and children: An open-label, single-centre, randomised controlled trial”, K. Veldscholte, A. Cramer, R. de Jonge, et al. Sarah Elefson, PhD (Burrin) (20 min) “Longitudinal associations between sleep and weight status in infants and toddlers”, A. Bucko, B. Armstrong, K. McIver, et al. Nana Jiao (Moreno) (20 min)
April 15		Seminar “The neuroendocrine mechanism for metabolic adaptations during lactation” Meng Yu, PhD (Xu) (20 min)
April 22		Seminar “Lever Neuron: A Potassium Channel in Microglia Regulates Obesity” Qingzhou Liu, PhD (Xu) (20 min) “AR ^{VMH} neurons regulate metabolic homeostasis” Yue Deng, PhD (Xu) (20 min)
April 29		Seminar Title, Mengjie Wang, MD, PhD (Xu) (20 min) Title, Xing Fang, PhD (Xu) (20 min)
May 6		Didactic “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		Journal Club Jingjing Cheng, PhD (Xu) (20 min)

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	Ana West, PhD (O'Connor) (20 min)
May 20	Seminar Title, Nana Jiao, PhD (Moreno) Title, Hong Zhou, PhD (Zhu)
May 27	Seminar Title, Julia Salamat, PhD (Shen) (20 min) Title, Jieyi Meng, PhD (Zhu) (20 min)
Summer Break (June – August)	

Journal Club
Faculty Didactic
Seminar