

# 2023 FALL CNRC Postdoctoral Seminar Program

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

*Tuesdays 12-1 PM*

Sept	5	<p>"Welcome to the CNRC Postdoc Seminar Series and Tips for Giving a Great Talk" Kendal Hirschi, PhD, USDA/ARS Children's Nutrition Research Center, BCM</p>
	12	<p><b>(Howland)Journal Club</b> "The medial preoptic area mediates depressive-like behaviors induced by ovarian hormone withdrawal through distinct GABAergic projections" Tao, Zhang, et al, Yongxiang Li, PhD (Xu) (20 min) Mitochondria-derived peptide SHLP2 regulates energy homeostasis through the activation of hypothalamic neurons, Hailan Liu, PhD (Xu) (20 min)</p>
	19	<p><b>Seminar</b> "Improving nutritional qualities in wheat grains using genetics to provide health benefits to humans." Ankita Mishra, PhD (Tim Paape) (40 min)</p>
	26	<p><b>Seminar</b> "Regulatory Control Points in the Farnesoid X Receptor-Fibroblast Growth Factor 19 Axis" Sara Elefson, PhD (Burrin) (20 min) "Define the metabolic impact of MA242 on triple-negative breast cancer (TNBC) via metabolomics" Maryam Tabatabaei, PhD (Gao) (20 min)</p>
Oct	3	<p><b>Journal Club</b> "Gut bacterial nutrient preferences quantified in vivo" X Zeng, X Xing, et al, Weilan Wang, PhD (Gao) (20 min) "Circadian modulation by time-restricted feeding rescues brain pathology and improves memory in mouse models of Alzheimer's disease" D Whittaker, L Akhmetova, et al, Xing Fang, PhD (Xu) (20 min)</p>
	10	<p><b>Didactic</b> – Marta Fiorotto, PhD USDA/ARS Children's Nutrition Research Center, BCM</p>
	17	<p><b>Seminar</b> Xi Chen, PhD (Zhu) (20 min) Sloan Zimmerman, PhD (Shulman) (20 min)</p>
	24	<p><b>Seminar</b> "Symbiosis, with a grain of salt" – Sanhita Chakraborty, PhD (T. Paape) (40 min)</p>
	31	<p><b>Seminar</b> "A pill to replace exercise for metabolic diseases", Qingzhuo Liu, PhD (Xu) (20 min) "Anti-cancer Mechanism of Dietary Restriction of Sulfur Amino Acids", Weilan Wang, PhD (Gao, Xia) (20 min)</p>
Nov	7	<p><b>Didactic</b> "Human Nutrition and Metabolism Core Services" Fida Bacha, MD, FAAP, Director Energy Metabolism Core "MRU Overview and Types of Research", Fida Bacha, MD "Energy Metabolism Core", Maurice Puyau "Body Comp" Roman Shypailo "Nutrition", Jocelyn Chang</p>
	14	<p><b>Journal Club</b> "Bile acid-farnesoid X receptor-fibroblast growth factor 19 axis in patients with short bowel syndrome: The randomized, glepaglutide phase 2 trial" M. k Hvistendahl, R Naimi, et al Sarah Elefson, PhD (Burrin) (20 min) (Mentor) (20 min)</p>
	21	<b>No seminar – Thanksgiving week</b>
	28	<p><b>Seminar</b> "Perineuronal nets in the perifornical area of the anterior hypothalamus regulates metabolic balance" Xing Fang, PhD (Xu) (20 min) "Basal forebrain Penk neurons regulate homeostatic feeding and hedonic feeding" Hailan Liu, PhD (Xu) (20 min)</p>

Dec	5	<p><b>Journal Club</b></p> <p>“GDF15 enhances body weight and adiposity reduction in obese mice by leveraging the leptin pathway”, S Breit, R Manandhar, et al., Xi Chen, PhD (Zhu) (20 min)</p> <p><del>“A Placebo Controlled Trial of Subcutaneous Semaglutide in Nonalcoholic Steatohepatitis” P.N. Newsome, K. Buchholtz, K. Cusi, et al., Sloan Zimmerman, MD (Shulman) (20 min)</del></p>
	12	<p><b>Didactic</b></p> <p>“Philosophical Musings about a career in science Dr. Dennis Bier, MD Director, USDA/ARS Children’s Nutrition Research Center, BCM</p>
	19	<p><b>Seminar</b></p> <p>“Trpc5, Obesity and Postpartum Depression.” - Yongxiang Li, PhD (Xu) (40 min)</p>
	26	<b>No seminar – Week of Christmas &amp; New Year’s Day</b>
Jan 2, 2024		<b>No seminar – Week of Christmas &amp; New Year’s Day</b>
	9	<p><b>Didactic</b></p> <p>“Mentoring UP: Approaches to Communication, Expectations, and Self- Efficacy” Debra Murray, PhD Associate Professor, Molecular &amp; Human Genetics BCM</p>
	16	<p><b>Seminar</b></p> <p><b>CANCELLED DUE TO WEATHER/FREEZE</b> “Hunger Enhances Memory” – Hesong Liu, PhD (Xu) (40 min)</p>
	23	<p><b>Seminar</b></p> <p>“Serotonin and Meal Regulation” – Kristine McDermott, PhD (Xu) (40 min)</p>
	30	<p><b>Seminar</b> (20 min)</p> <p>“Understanding carotenoids and infant health: Biomarker validation and relationship with metabolic health” - Katelyn Senkus, PhD (Moran) (20 min)</p>

Journal Club
Faculty Didactic
Seminar