



seminar

Dr Nadejda Bozadjieva Kramer
University of Michigan



The role of bile acids in the beneficial and deleterious effects of metabolic surgery

Short introduction by Pr. Nicolas Lanthier (IREC/GAEN & gastroenterology, St-Luc): bile acids in digestive physio(patho)logy

Tuesday July 9, 12.30
Room Gerty Cori

Dr Nadejda Bozadjieva Kramer earned her PhD in Cellular and Molecular Biology from the University of Michigan - Ann Arbor in 2016. She is mainly interested in the intestine-liver axis, understanding the roles of enterohepatic signalling and nutrients in obesity, insulin resistance (type 2 diabetes, MASLD) and its evolution after (rapid) weight loss (metabolic surgery). These projects employ extensive metabolic techniques including surgical, molecular, behavioral, pharmacological, and physiological expertise in rodent models. She holds appointments at the Ann Arbor Veterans Affairs and the Department of Surgery at Michigan Medicine. She is a recipient of several awards and research programs.

Selected publications:

- Bozadjieva-Kramer N et al. *Intestinal FGF15 regulates bile acid and cholesterol metabolism but not glucose and energy balance*. JCI Insight. 2024.
- Bozadjieva-Kramer N et al. *Intestinal-derived FGF15 protects against deleterious effects of vertical sleeve gastrectomy in mice*. Nat Commun. 2021.

Tour Laënnec, 57 (ground floor) - Discussion followed by walking lunch - Accreditation for medical practitioners

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