



International Conference

## THE MICROBIOME THROUGHOUT LIFE

*Translating new science into clinical practice*

19 - 21 March 2026 – Belgrade, Serbia



## LIZA KONNIKOVA

Dr. Konnikova's team focuses on the development of early life immunity particularly at barrier sites such as the GI tract and the maternal-fetal interface with a particular focus on T cell biology. Using multi-omic approaches, the group investigates how mucosal homeostasis is developed and what contributes to pathogenesis of diverse diseases such as sepsis, preterm labor, necrotizing enterocolitis (NEC), very early onset (VEO) and pediatric IBD. The Konnikova lab is further interested in how the microbiome and the associated metabolome regulate immune development and homeostasis at barrier sites. Her group is also interested in how early life events alter circulating immune cells. To this end, in collaboration with the NOuRISH team they are enrolling infants in a longitudinal study of peripheral blood development.

