

GRK2576 Guest lecture

Title: The microbiome in the first 1000 days of life

Speaker: Prof. Omry Koren

Bar Ilan University, Azrieli Faculty of Medicine, Israel

Date: 26. May 2021

Time: 14:00 h CET

Location: virtual - Cisco Webex

(Meeting link: <https://hhu.webex.com/hhu-en/j.php?MTID=m9fc8ab41c3fa3c5df35405aeb3290986>)

Meeting number: 121 505 3429

Password: J5Uw8Eva5Xm

Biography



Prof. Omry Koren is a Professor at the Azrieli Faculty of Medicine. His principle field of research is the human microbiome. Prof. Koren received his MSc and his PhD in Molecular Microbiology and Biotechnology from Tel-Aviv University in Israel. Prof. Koren subsequently accepted a post- doctoral position at Cornell University where he was part of the NIH Human Microbiome Project and where he led the first study to demonstrate that pregnancy is associated with a profound alteration of the gut microbiota and host metabolism. Currently his team's research aims to better understand the interactions between microbiota and the host endocrine system, host behaviour, and host development, in health and in disease states.

Key papers

1. Uzan-Yulzari A...**Koren O.** Neonatal antibiotic exposure impairs child growth during the first six years of life by perturbing intestinal microbial colonization. **Nat Commun.** (2021) Jan; 12(1):443
2. Nuriel-Ohayon M...**Koren O.** Progesterone Increases *Bifidobacterium* Relative Abundance during Late Pregnancy. **Cell Rep.** (2019) 27(3):730-736.e3.
3. Neuman H...**Koren O.** Antibiotics in Early Life: Dysbiosis and the Damage Done. **FEMS Microbiol Rev.** (2018) 42(4): 489-499.

Information on access: please visit <https://www.vivid.hhu.de/qualification-program/guest-lectures> Contact: Dr. Nicole Rockel, vivid@hhu.de