JOHANNES **GUTENBERG**
UNIVERSITÄT MAINZ

JG|U

Emergent AI Center Seminars

Sept. 8, 2021 at noon
Online

Dr. Sara Vieira-Silva
Laboratory of Molecular Bacteriology (Rega Institute), KU Leuven, Belgium

The human gut microbiome in health and disease

Sara Vieira-Silva's main research interests are the boundaries of the healthy human gut microbiota variation and the role of dysbiosis in disease, especially through the promotion of inflammation and production/degradation of bioactive compounds. She combines her background in microbial comparative genomics and evolutionary ecology, with hypothesis-driven experimental design. In close collaboration with clinical experts, she approaches quantitatively the contribution of host-associated microbial communities to pathophysiology, notably in the clinical context of inflammatory, metabolic and neuropsychiatric disorders.

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