



巴斯德讲坛-精英讲坛系列

Pasteur Senior

Microbes and antimicrobes at the global scale

Dr, Luis Pedro Coelho

Principal Investigator, Institute of Science and Technology for Brain-inspired Intelligence (ISTBI) Fudan University.



Dr. Luis Pedro Coelho is a Junior PI working on the global microbiome. He has a PhD in computational biology from Carnegie Mellon University.

Research Focus: Combining meta'omics (methods that obtain high-throughput information on microbial communities such as metagenomics and metatranscriptomics) analysis with machine learning approaches to learn about microbial communities in different environments. Addressing basic questions on what determines the structure of a microbial community in a given environment.

Highlighted Publications

2018 L. P. Coelho et al., Similarity of the dog and human gut microbiomes in gene content and response to diet. *Microbiome*

2015 S. Sunagawa*, L. P. Coelho*, S. Chaffron* et al., Structure and Function of the Global Ocean Microbiome. *Science*

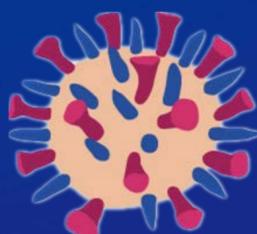
A201, Life Science Research Building

13:30 PM - 15:00 PM

December 9th, 2020

Host: Lo-Man RICHARD

腾讯会议直播间 (Tencent Meeting teleconference room): 863 359 099



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VIROLOGY & IMMUNOLOGY**
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