



University of  
Zurich<sup>UZH</sup>

**ETH** zürich

# VISION 2020 - A PERSONAL PERSPECTIVE A TRILLION MICROBES & ME

Thursday, July 2, 2015, 17:00 h  
Lecture Hall Y16 G05

University of Zurich, Irchel Campus

Dr. Patrick Veiga

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Visiting Scientist - Harvard School of Public Health



## Probiotics: from myth to molecular modes of action

The emergence of molecular tools brought about a revolution in the understanding of the immense diversity and functioning of the microbiota in health and disease. Building on these new tools and knowledge, we have started to elucidate the potential impact of live bacteria contained in our foods (e.g. yoghurts) on the resident gut microbiota. Some of these bacteria (i.e. probiotics) have documented beneficial effects on the host. We are dedicated to deciphering the molecular mechanisms underlying beneficial effects of probiotics using a conjunction of molecular microbiology approaches and the latest generation metagenomic tools.

The presentation is followed by an aperitif and - for a limited number of students - by a dinner with the speaker. For the dinner, contact [tasneemgulamabbas.arsiwala@uzh.ch](mailto:tasneemgulamabbas.arsiwala@uzh.ch) not later than June 28, 2015 by explaining why you would like to meet the speaker.

### Organization

This event series is organized by a committee of PhD students of the PhD Program in Integrative Molecular Medicine (imMed), UZH:  
Institute of Physiology: Julia Jando (chair) | Marek Whitehead  
Center for Molecular Cardiology, USZ/UZH: Tasneem Arsiwala  
Division of Gastroenterology and Hepatology, USZ: Stephanie Kasper  
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