

### Introduction to Microbiology and Immunology in Zürich

A one-week course for participants of the PhD program Microbiology and Immunology offered by the Departments and Institutes of Microbiology and Immunology which are members of the MIM-PhD-program of Life Sciences Zürich

organized by [Kurt Hanselmann](#) and [Isabella Bieri](#), on behalf of the MIM committee

**February 11 to 15, 2008**

Large Lecture Hall, Botanical Garden of the University, 107 Zollikerstreet, 8008 Zürich  
Tram 11 or bus 31 to Hegibachplatz, or bus 33 to Botanical Garden, or trams 2 or 4 to Höschgasse

#### Program Thursday, February 14

##### 08.00-Recent Discoveries in Microbiology. PhD students present

##### 10.00 their research work

- P 17: Sabrina Schmidt
- P 18: Anna Haas
- P 19: Melanie Wiesel
- P 20: Fan Yao-Yun
- P 21: Christina Ramel
- P 22: Silvia Bleuler
- P 23: Luzia Reutimann
- P 24: Céline Robert-Tissot

All students of the MIM PhD program, convened by Kurt Hanselmann

##### 10.15 Session 5: Plant Microbiology

##### CONVENERS:

Iveta Botova, Laura Morf, Thomas Ludersdorfer

##### 10.15 L 18: MICROBIAL LIFE ON LEAF SURFACES

JULIA VORHOLT

Institute of Microbiology, ETHZ

##### 10.55 L 19: THE ORIGINS OF PLANT PATHOGENS IN AGRO-ECOSYSTEMS

PATRICK BRUNNER

Plant Pathology / Institute of Integrative Biology, ETHZ

##### 11.35 L 20: THE CRITICAL ROLE OF OXYGEN IN THE NITROGEN-FIXING ROOT-NODULE SYMBIOSIS

HAUKE HENNECKE

Institute of Microbiology, ETHZ

##### 12.15 Lunch Break

##### 13.30 Session 6: Applied and Food Microbiology

##### CONVENERS:

Philip Rieder, Christina Uermösi, Wolfgang Kratky

##### 13.30 L 21: BIOLOGY, DETECTION AND CONTROL OF FOODBORNE PATHOGENS

MARTIN J. LOESSNER

Institute of Food Sciences and Nutrition, ETHZ

##### 14.10 L 22: FROM ENTEROBACTER SAKAZAKII TO CRONOBACTER SPP.: INVESTIGATING AN OPPORTUNISTIC FOODBORNE PATHOGEN

ANGELIKA LEHNER

Institute for Food Safety and Hygiene, UZH

##### 14.50 L 23: MICROORGANISMS IN FERMENTED FOOD: DO YOU TRUST THEM?

LEO MEILE

Institute of Food Sciences and Nutrition, ETHZ

##### 15.30 Intermission

##### 15.50 L 24 Special Lecture: PREDICTIVE MODELING AND COMPUTATIONAL SYSTEMS MICROBIOLOGY

KURT HANSELMANN, Institute of Plant Biology and Computational Systems Biology Project BioSym, UZH

##### 16.50 Poster presentations

##### CONVENER:

Susanne Uehlinger

##### 17.30 End of Thursday sessions