



# **MICROBIAL STRESS**

## **from Molecules to Systems**

May 7<sup>th</sup> to May 10<sup>th</sup> 2009 Semmering (Austria)

Research into microbial stress responses covers a wide range of different scientific disciplines and interests, and is of relevance in many diverse pure and applied fields. This meeting, run under the auspices of the Microbial Physiology section of the European Federation of Biotechnology, provides a chance to hear about the latest research taking place in this area. An excellent range of international scientists have already accepted invitations to speak at the meeting, and there will be many oral and poster presentations from participants. By holding the meeting in a single venue, we hope to encourage maximum interaction between all participants, and we look forward to a few days of exciting and stimulating science.

Rather than run sessions based around different stresses or organisms, we have deliberately chosen to have three research themes in the meeting, illustrated in the talks by reference to many different experimental approaches and model organisms, both prokaryotic and eukaryotic. The title of the meeting reflects the fact that we will look at stress from all levels to detailed molecular biology through whole organism systems biology and up to the level of populations. This kind of cross-fertilisation of ideas and techniques is crucial in gaining a complete understanding of microbial responses to stress.

The three themes of the meeting are:

- **How organisms detect stress and turn the detection into a response**
- **Multiple stress responses in the same organism, cross-talk between stresses, and stress networks**
- **Adaptation of cultures to stress, stress response in large scale cultures**



<http://microbial-stress.fh-campuswien.ac.at/>





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### Confirmed speakers include:

- **Paola Branduardi**  
University of Milano-Bicocca, Italy
- **Thomas Egli**  
Inst. of Aquatic Science and Technology, Switzerland)
- **Ryan Gill**  
University of Colorado, USA)
- **Michael Hecker**  
University of Greifswald, Germany)
- **Regine Hengge**  
Freie Universität Berlin, Germany)
- **Nic Jones**  
Paterson Institute, Manchester, UK)
- **Peter Lund**  
University of Birmingham, UK)
- **Franz Narberhaus**  
Ruhr University, Bochum, Germany)
- **Janet Quinn**  
Newcastle University, UK)
- **Thomas Schweder**  
University of Greifswald, Germany)
- **Katherine Smart**  
University of Nottingham, UK)
- **Johan Thevelein**  
Flanders Inst. for Biotechnology, Belgium)
- **Kursad Turgay**  
Freie Universität Berlin, Germany)

### Organising Committee

- **Peter Lund (chair)**  
School of Biosciences, University of Birmingham (UK)
- **Paola Branduardi (co-chair and local organizer)**  
Dep. of Biotechnology and Biosciences University Milano-Bicocca (I)
- **Michael Sauer (co-chair and local organizer)**  
School of Bioengineering, FH Campus Wien - University of Applied Sciences (A)
- **Susanne Eywo-Müller (office)**  
School of Bioengineering, FH Campus Wien - University of Applied Sciences (A)



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