

PROGRAM

Tuesday, 13th March

- 08.30 Welcome Coffee
- 08.40 - 09.10 Introductory Remarks
08.40 - Susan M. Gasser, Chair of the Organizing Committee, Director FMI
08.45 - Antonio Loprieno, Rector of the University of Basel
08.50 - Hans-Peter Kraft, Mathematical Institute, University of Basel
The Life of Euler
- 09.10 - 10.30 Plenary Session 1: Room Montreal/Singapore**
Network Theory and Cellular networks
- 09.10 – 09.50 **Rainer Friedrich**
Friedrich Miescher Institute, Basel, Switzerland
Processing of olfactory information by neuronal circuits in the zebrafish brain
- 09.50 – 10.30 **Hiroaki Kitano**
The Systems Biology Institute, Tokyo, Japan
Network robustness and drug design
- 10.30 - 11.00 Coffee Break, Commercial Exhibition
- 11.00 - 13.00 Workshops 1 – 4 (see speaker lists on pages 12-13)**
- WS 1 **Potassium channels: molecular biology, pathophysiology, and computational aspects**
Organizer: A. Bärtschi (Swiss Physiology Soc.)
Room: Sydney
- WS 2 **Computational Biology**
Organizers: T. Schwede & M. Peitsch (Basel Computational Biology Conference)
Room: Montreal
- WS 3 **Stem cells and cancer**
Organizers: H. Walt & G. Christofori (Swiss Soc. for Oncology)
Room: Singapore
- WS 4 **Statistics in animal research**
Organizers: W. Zeller & B. Riederer (Swiss Laboratory Animal Science Association)
Room: Rio
- 13.00 – 13.30 SSAHE Morphology Prize Ceremony Room Sydney**
- Talk of the 2007 Laureat Katia Monastyrskaya
University of Bern, Switzerland
"Annexins as intracellular calcium sensors"
- 13.00 – 13.30 Meeting of the Swiss Society for Biochemistry
Room: Rio
- 13.00 – 14.00 Meeting of the Swiss Society for Oncology

Room: Singapore

13.00 - 14.30 Lunch, Poster session (#1 – #71) and Commercial exhibition

14.30 - 16.00	Plenary Session 2: Proteomics and genomics	Room Montreal/Singapore
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14.30 – 15.15 **Matthias Mann**
Max Planck Institute for Biochemistry, Martinsried, Germany
*Quantitative proteomics and phosphoproteomics as a basis
for systems biology*

15.15 – 16.00 **Renato Paro**
ETH Dept of Biosystems Science and Engineering (BSSE),
Basel, Switzerland
Epigenetic networks and transdifferentiation

16.00 - 16.30	Friedrich Miescher Award presentation	Room Montreal/Singapore
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Talk by the 2007 laureate, **Dirk Schübeler**, Friedrich Miescher Institute
Genome-wide maps of DNA methylation in mammals

16.30 - 17.00 Coffee break (Poster Session and commercial exhibition)

17.00 - 18.30 Plenary Session 3 Room Montreal/Singapore

17.00 – 17.45 **Denis Noble**
Oxford University, Oxford, UK
Modeling the heart

17.45 – 18.30 **Svante Pääbo**
Max Planck-Institute for Evolutionary Anthropology, Leipzig,
Germany
A genomic view of human origins

21.00 Social Event - Jazz music evening

Volkshaus, Rebgrasse 12.
Entry for USGEB/[BC]² participants only

Wednesday, 14th March

08.30 - 10.00 **Plenary Session 4:** **Room Montreal/Singapore**
Tropical disease and epidemiology

08.30 – 09.15 **Alan Cowman**
The Walter & Eliza Hall Institute of Medical Research,
Melbourne, Australia
Antigenic variation and gene silencing in the malaria parasite

09.15 – 10.00 **Klaus Dietz**
University of Tübingen, Germany
Mathematical epidemiology

10.00 - 10.30 Coffee Break

10.30 - 12.30 **Workshops 5 – 7 (see speaker lists on pp 17-18)**

WS 5 **Small RNAs**
Organizers: W. Filipowicz, M. Zavolan (Swiss Soc of
Biochemistry)
Room: Sydney

WS 6 **Imaging and image analysis**
Organizers: B. Riederer, T. Vetter (Swiss Soc for Anatomy
and Histology)
Room: Rio

WS 7 **Infectious Diseases**
Organizers: S. Bonhoeffer, G. Cornelis
Room: Singapore

12.30 - 13.30 **Lunch & Poster Session (#72 – #148)**

12.30 – 14.00 **Meeting of the Swiss Society for Cell- and Molecular Biology &
Genetics (ZMG)** Room: Rio

13.30 - 15.00 **Plenary Session 5** **Room Montreal/Singapore**
Organs and development

13.30 – 14.15 **Olivier Pourquié**
Stowers Institute for Medical Research, Kansas City, USA
Segmental patterning in vertebrate development

14.15 – 15.00 **Eddy DeRobertis**
HHMI University of California, Los Angeles, USA
Self-regulation of embryonic pattern in Xenopus embryos

15.00 - 15.30 Coffee Break (Poster removal)

15.30 - 17.30 **Workshops 8 – 11 (see speaker lists on pp. 18-19)**

WS 8 **Cells to Organs**
Organizers: M. Affolter, P. Matthias, R. Zeller (Swiss Soc. ZMG)
Room: Singapore

WS 9 **Novel approaches in anti-inflammatory drug therapy**
Organizer: H.U. Simon, A. Huwiler (Swiss Soc. of
Pharmacology and Toxicology)
Room: Montreal

WS 10 **Computation in heart disease**

Organizers: G. Soldati, T. Moccetti, A. Conti (ASIRB)

Room: Rio

WS 11 **From stem cells to trees**

Organizer: W. Gruissem & C. Kuhlemeier (Swiss Soc. for Plant Physiology)

Room: Sydney

~ 18.00

End of meeting