

Program Day 1

3 NOV 2011, Thursday

- 08:30-10:00 Registration
10:00-10:10 Introductory Note
10:10-11:05 *Opening Lecture: Nipam Patel*
Developmental evolution: insights from the unconventional model organism, *Parhyale hawaiensis*

Session I *CELL BIOLOGY* (Chair: Envel Kerdaffrec)

- 11:05-11:40 **Anthony de Thomaso**
Evolution of vertebrate adaptive immunity - novel insights from a basal chordate
11:40-12:15 **Elly Tanaka**
Multilineage regeneration in the salamander: how different are we?
12:15-13:45 *Lunch*

Session II *PLANT BIOLOGY* (Chair: Fernando Rabanal)

- 13:45-14:40 *Keynote lecture: Ueli Grossniklaus*
Using unconventional models to study aspects of speciation
14:40-15:15 **Kevin M. Folta**
The diploid strawberry (*Fragaria vesca*) - a powerful translational system for high-value crops
15:15-15:50 **John L. Bowman**
Marchantia polymorpha: evolution of land plants
15:50-16:10 *Coffee break*

Session III Part I Part I *EVO-DEVO* (Chair: Benjamin Backfisch)

- 16:10-17:05 *Keynote lecture: Ralf J. Sommer*
Integrative studies in development, evolution and ecology – lessons from a nematode
17:05-17:40 **Ichiro Nishii**
Volvox as a simple model for elucidating the evolution of morphogenesis in the early stage
17:40-18:15 **Thomas Holstein**
Cnidarians and the evolution of metazoan body plans

Program Day 2

4 NOV 2011, Friday

Session III Part II *EVO-DEVO* (Chair: Vinoth Babu Veedin Rajan)

- 10:00-10:35 **Jordi Garcia-Fernandez**
The amphioxus in evolution:
what matters is the question, not the model
- 10:35-11:10 **Detlev Arendt**
The marine annelid *Platynereis*:
a new powerful model for organismal systems biology

Session IV *NEUROBIOLOGY and GENOMICS* (Chairs: Evgeny Kvon and Vera Belyaeva)

- 11:10-12:05 Keynote lecture: **David Stern**
How a complex enhancer region contributes to
phenotypic robustness and to morphological evolution
- 12:05-13:30 *Lunch*
- 13:30-14:05 **Gary Lewin**
Things we can learn from an extremeophile mammal
- 14:05-14:40 **Paul Katz**
Insights from sea slug swimming on the Evolution and
neural basis of behavior
- 14:40-15:15 **Robert Naumann**
The neurobiology of Etruscan shrew active touch
- 15:15-15:35 *Coffee Break*
- 15:35-16:10 **Daniel Chourrout**
What happened to the genome of vertebrate closest
living relatives?
- 16:10-16:45 **Ludovic Orlando**
Think Alternative:
fossils as unconventional sources of genomic data
- 16:45-17:00 Vienna Biocenter PhD Award
- 18:00 *Dinner and Party*