

SYMPOSIA VIENNA 2014

SYMPOSIA AND SHORT SYMPOSIA CONFIRMED SPEAKERS

• **Ecological and environmental impacts in the evolution of organismal development**

Organizers: Chris Lowe, Angelika Stollewerk, John Willis

Speakers:

Ehab Abouheif (McGill University, Canada)
Christian Laforsch (University of Bayreuth, Germany)
Matt Rockman (New York University, USA)
Blanche Capel (Duke University, Durham, USA)
Beverley Glover (University of Cambridge, UK)
Ralf Sommer (Max Planck Institute for Developmental Biology, Tübingen, Germany)
Ilya Ruvinsky (University of Chicago, USA)
Michael Travisano (University of Minnesota, USA)

Sponsor:



• **Eco-Evo-Devo – Symbiosis and Epigenetic Inheritance**

Organizers: Scott F. Gilbert, Yoav Soen

Speakers:

Scott Gilbert (University of Helsinki, Finland)
Catherine Masson (INRA, CNRS, France)
Oded Rechavi (Tel Aviv University, Israel)
Yoav Soen (Weizmann Institute of Science, Israel)

• **Developmental basis of quantitative variation**

Organizers: Mihaela Pavlicev, Günter P. Wagner

Speakers:

Jim Cheverud (Loyola University, Chicago, USA)
Arne Gjuvsland (Centre for Integrative Genetics, Cigene, Norway)
Frederic Guillaume (University of Zürich, Switzerland)
Günter P. Wagner (Yale University, USA)

• **How does developmental robustness facilitate the evolution of biodiversity?**

Organizers: Rainer Melzer, Günter Theißen

Speakers:

Matthew Wills (University of Bath, UK)
Thomas Hansen (University of Oslo, Norway)
Michalis Barkoulas (Imperial College London, UK)
Angela Hay (Max Planck Institute, Cologne, Germany)

• **Quantitative evo-devo in model and non-model organisms**

Organizers: Benedikt Hallgrímsson, Christian Peter Klingenberg, Philipp Mitteröcker, Ruth Flatscher

Speakers:

Benedikt Hallgrímsson (University of Calgary, Canada)
Anjali Goswami (University College London, UK)
Jiří Neustupa (Charles University Prague, Czech Republic)
Philipp Mitteröcker (University of Vienna, Austria)
Jukka Jernvall (University of Helsinki, Finland)
Kevin Parsons (University of Glasgow, UK)
Scott Armbruster (University of Portsmouth, UK)
Christian Klingenberg (University of Manchester, UK)

• **EvoDevo of cranial neural crest populations across developmental systems**

Organizer: Georgy Koentges

Speakers:

Johann Eberhart (Univ. Austin, Texas, USA)
Joshua Gross (Harvard Univ., Univ. of Cincinnati, USA)
Sophie Creuzet (CNRS, Gif-sur-Yvette, France)
Georgy Koentges (University of Warwick, UK)

• **Less is more: Loss of gene functions as a driving force of developmental evolution**

Organizers: Ingo Braasch, Cristian Cañestro

Speakers:

Peter Holland (University of Oxford, UK)
John Postlethwait (University of Oregon, USA)
Shigehiro Kuraku (RIKEN CDB, Japan)
Michael Hiller (Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany)

• **Uncovering the genomic bases of phenotypic change in the NGS era**

Organizers: Manuel Irimia, Ignacio Maeso, Juan Pascual-Anaya

Speakers:

Andreas Hejnol (Sars Centre for Marine Molecular Biology, Bergen, Norway)
Vincent J. Lynch (University of Chicago, USA)
Boris Lenhard (Imperial College London and MRC Clinical Sciences Centre, London, UK)
Frank Chan (Friedrich Miescher Laboratory of the Max Planck Society, Tübingen, Germany)

Sponsor:

- **Living fossils, myth or reality?**

Organizers: Patrick Laurenti, Didier Casane

Speakers:

Patrick Laurenti (CNRS and Université Paris-Diderot, France)
Hugo Dutel (RIKEN, Japan and Muséum National d'Histoire Naturelle, Paris, France)
Gilles Cuny (Muséum National d'Histoire Naturelle and University of Copenhagen, Denmark)
Shigeru Kuratani (RIKEN and University of Kobe, Japan)

- **Evo-devo of colour**

Organizers: Beverley Glover

Speakers:

Edwige Moyroud (University of Cambridge, UK)
Hester Sheehan (University of Bern, Switzerland)
Talline Martins (Duke University, USA)
Benjamin Prud'homme (CNRS and Institut de Biologie du Développement, Marseille, France)

- **'NEPTUNE' ITN: The evolution of sensory systems in the marine environment.**

Organizers: Maria ina Arnone, Andreas Hejnol

Speakers:

Zbynek Kozmik (Institute of Molecular Genetics, Prague, Czech Republic)
Gáspár Jékely (Max Planck Institute for Developmental Biology, Tübingen, Germany)
Yale Passamaneck (University of Hawaii, USA)
Kevin Pang (University of Bergen, Norway)

- **The Roche Discovery Oncology symposium: Perspectives on Wnt signalling**

Organizers: Wim Damen, Cornelius Eibner

Speakers:

Madelon Maurice (University Medical Center Utrecht, the Netherlands)
Michel Vervoort (Institut Jacques-Monod, Paris, France)
Teresa Adell (University of Barcelona, Spain)
Claudio Cantù (University of Zurich, Switzerland)

Sponsor:



- **Origin and diversification of regeneration**

Organizer: Florian Raible

Speakers:

Brigitte Galliot (University of Geneva, Switzerland)
Jochen Rink (Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany)
Nipam Patel (University of California, Berkeley, USA)
Jeremy Brockes (University College London, UK)

- **Towards an extended evolutionary synthesis**

Organizers: Gerd B. Müller, Werner Callebaut

Speakers:

Kevin Laland (University of St. Andrews, UK)
Eörs Szathmáry (Eötvös Loránd University, Budapest, Hungary)
Etienne Danchin (INRA, CNRS, France)
Werner Callebaut (University of Vienna)

- **"Quo vadis Evo Devo?"**

Organizers: Cassandra G. Extavour, Manfred D. Laubichler

Cassandra Extavour (Harvard University, USA)
Johannes Jaeger (Centre de Regulació Genòmica, Barcelona, Spain)
Manfred Laubichler (Arizona State University, USA)
Discussion led by Ronald Jenner (NHM London, UK)

- **Mechanical mechanisms of development**

Organizers: Annemiek Cornelissen, Naomi Nakayama

Speakers:

Malcolm Bennett (Univ. of Nottingham, UK)
Thomas Greb (Gregor Mendel Institute of Molecular Plant Biology, Vienna, Austria)
Carl-Philipp Heisenberg (Institute of Science and Technology, Austria)
Vincent Fleury (Laboratory of Complex Matter and Systems, Paris, France)
Olivier Hamant (Laboratoire de Reproduction et Développement des Plantes, ENS LyonFrance)
Pierre-Francois Lenne (Developmental Biology Institute of Marseille, France)
Stéphane Douady (Laboratory of Complex Matter and Systems, Paris, France)
Derek Moulton (University of Oxford, UK)

- **What should Bioinformatics do for EvoDevo?**

Organizers: Günter Plickert, Mark Blaxter, Ann Burke, Paula Mabee

Speakers:

Paula Mabee (University of South Dakota, USA)
Sujai Kumar (University of Oxford, UK)
Philipp Schiffer (University of Cologne, Germany)
Christopher Kraus (University of Cologne, Germany)

Chelsey Specht (University of California, Berkeley, USA)
Philip Donoghue (University of Bristol, UK)
Karen Sears (University of Illinois, USA)
Megan Wilson (University of Otago, New Zealand)

• **Evo-devo of symmetry in animals and plants**

Organizers: Sophie Nadot, Catherine Damerval

Speakers:

Vincent Debat (Muséum National d'Histoire Naturelle, Paris, France)
Stéphane Noselli (Institut de Biologie Valrose, INSERM, Nice, France)
Sabine Zachgo (University of Osnabrück, Germany)
Florian Jabbour (Muséum National d'Histoire Naturelle, Paris, France)

• **Plant EvoDevo - Linking Cross-Species Genetic & Morphological Variation**

Organizer: John Bowman, Christian Hardtke

Speakers:

Christian Hardtke (University of Lausanne, Switzerland)
Francois Parcy (CNRS, France)
Devin O'Connor (University of Cambridge, UK)
Miltos Tsiantis (Max Planck Institute for plant breeding research, Köln, Germany)

Sponsor:



• **Structural organization in vertebrate dentitions: molecules, morphology and function**

Organizers: Moya M. Smith, Abigail Tucker

Speakers:

Monique Welten (Natural History Museum, London, UK)
Elodie Renvoise (University of Helsinki, Finland)
Marcela Buchtova (University of Veterinary and Pharmaceutical sciences, Brno, Czech Republic)
Xavier Jordana (Institut Català de Paleontologia Miquel Crusafont (ICP), Barcelona, Spain)

• **Evo Devo as an approach to understanding communication: Modeling, genetics, and developmental research in vocal communication and its neurological underpinnings**

Organizers: Kimbrough Oller , Ulrike Griebel

Speakers:

Dan Dediu (Max Planck Institute for Psycholinguistic Research, Nijmegen, the Netherlands)
Sonja Vernes (Max Planck Institute for Psycholinguistic Research, Nijmegen, the Netherlands)
Anne S. Warlaumont (University of California, Merced, USA)
Kimbrough Oller (the University of Memphis, USA) and Ulrike Griebel (the University of Memphis, USA)

WORKSHOP

• **Advances in Live Imaging Morphogenesis**

Organizers: Frederieke Alwes, Carsten Wolff

Speakers:

Jan Huisken (MPI Dresden, Germany)
Mette Handberg-Thorsager (MPI Dresden, Germany)
Pradeep Das (ENS Lyon, France)
Anastasios Pavlopoulos (Janelia Farm Research Campus, USA)
Jacque Paysan (Carl Zeiss AG, Germany)
Pavel Tomancak (MPI Dresden, Germany)

Sponsors:

