

Dear EMBL Alumni,
Dear friends,

With the opening of the EMBL Advanced Training Centre in Heidelberg (ATC), European science has gained a new training and meeting venue that will serve us all in the future. The EMBO | EMBL Symposia, starting this summer and jointly organized by EMBO and EMBL in the ATC, should develop into a new flagship activity that brings superb scientific conferences to Europe.

With the EMBO | EMBL Symposia both organisations set out to promote scientific communication and collaboration in Europe and provide scientists with a platform to discuss and exchange ideas on forward-looking topics and new developments in the life sciences. The selected topics emphasize upcoming developments and the interdisciplinary nature of related fields and cover a broad spectrum of research areas in the life sciences.

We kindly ask you to become promoters of this new activity and to spread the word (and this e-mail) in "your communities". Please encourage your colleagues and collaborators to participate and to benefit from what these fantastic Symposia have to offer. A number of travel and registration fee waiver fellowships are available for scientists from countries in which the funding situation for science is particularly limited. Information on the 2010 and 2011 Symposia is appended below.

Best regards,

Giulio Superti-Furga
EMBL Alumni Association Chair
Director, CeMM, Austria

Matthias Hentze
EMBL Associate Director

--

Alumni Relations Office
European Molecular Biology Laboratory (EMBL)
Meyerhofstrasse 1
69117 Heidelberg
Germany
Tel: +49-(0)6221-387 8102
Fax: +49-(0)6221-387 8211
E-mail: alumni@embl.org
Website: www.embl.org/alumni

2010

20 - 23 June 2010

Human Variation - Causes and Consequences

<<http://www.embo-embl-symposia.org/symposia/2010/EES10-01/index.html>

<<http://www.embo-embl-symposia.org/symposia/2010/EES10-01/index.html>> >

The goal of this Symposium is to explore human genetic and phenotypic variability in the light of recent developments in genomics, genetics and molecular medicine. The topics covered will include the mechanisms of mutation, normal sequence variation from the DNA to the chromosomal level, functional polymorphism and disease genetics. Keynote Lectures will be delivered by Svante Pääbo, Max Planck Institute for Evolutionary Anthropology, and Kári Stefánsson, deCODE genetics.

Speakers: P. Arndt, S. Brunak, C. Bustamante, V. Cheung, M. Daly, M. Demitzakis, R. Durbin, L. Duret, E. Eichler, A-E. Walker, J. Ferrer, P. Flicek, H. Hobbs, R. Lifton, K. Makova, S. McCarroll, M. McCarthy, G. McVean, N. Rosenberg, M. Stratton, J. Trowsdale.

Abstract submission deadline: Friday 14 May 2010, 12:00 CET

Registration Deadline: 6 June 2010

Register Online <<http://www.embo-embl-symposia.org/symposia/2010/EES10-01/registration/index.html> <<http://www.embo-embl-symposia.org/symposia/2010/EES10-01/registration/index.html>> >

5 - 8 September 2010

Structure and Function of Neural Circuits

<<http://www.embo-embl-symposia.org/symposia/2010/EES10-02/index.html>

<<http://www.embo-embl-symposia.org/symposia/2010/EES10-02/index.html>> >

Understanding the complexity and functional composition of cellular and synaptic networks in the nervous system is a major challenge in neurobiology. Genes and molecules impact directly the assembly, function, and plasticity of specific neural circuits, and recent studies in different model systems start to elucidate the functionality of neuronal connectomes as a higher organisational entity required for the generation of complex behaviours. The aim of this Symposium is to highlight recent work on the anatomical and functional analysis of behaviourally-relevant neural circuits in genetically tractable model systems, and to promote the exchange of ideas and methods in this exciting field of research.

Speakers: D. Anderson, S. Arber, A. Borst, M. Brainard, P. Caroni, A-S. Chiang, D. Chklovskii, K. Deisseroth, C. Dulac, F. Engert, J. Fetcho, R. Friedrich, M. Häusser, U. Heberlein, G. Jékely, J. Lichtman, A. Lüthi, Z. Mainen, M. Meister, G. Miesenböck, B. Roska, W. R. Schafer, G. Sumbre, K. Svoboda, R. Wilson.

Abstract and Registration Deadline: 13 June 2010

Register Online <<http://www.embo-embl-symposia.org/symposia/2010/EES10-02/registration/index.html> <<http://www.embo-embl-symposia.org/symposia/2010/EES10-02/registration/index.html>> >

13 - 16 October 2010

The Non-Coding Genome

<<http://www.embo-embl-symposia.org/symposia/2010/EES10-03/index.html>

<<http://www.embo-embl-symposia.org/symposia/2010/EES10-03/index.html>> >

This symposium will provide an interdisciplinary discussion of the roles of non-coding RNAs with the aim of enhancing our understanding of gene regulation and function.

Topics will include recent discoveries in the fields of prokaryotic and eukaryotic long and short non-coding RNAs. The functional roles of non-coding RNAs in a wide variety of cell processes will be discussed.

Speakers: V. Ambros, D. Baulcombe, J. Cavallé, S. Cohen, W. Filipowicz, S. Grewal, G. Hannon, E. Heard, M. Hentze, T. Jensen, N. Kim, J. F. Kugel, J. T. Lee, D. Patel, N. Proudfoot, L. Ranum, P. Romby, M. Siomi, H. Vaucheret, J. Vogel, O. Voinnet, M. Zavolan.

Abstract and Registration Deadline: 18 July 2010

Register Online <[http://www.embo-embl-symposia.org/symposia/2010/EES10-](http://www.embo-embl-symposia.org/symposia/2010/EES10-03/registration/index.html)

[03/registration/index.html](http://www.embo-embl-symposia.org/symposia/2010/EES10-03/registration/index.html) <<http://www.embo-embl-symposia.org/symposia/2010/EES10-03/registration/index.html>> >

2011

Spring 2011

Seeing is Believing – Imaging in Biology & Medicine

Speakers: J. Ellenberg, J. Lippincott-Schwartz (more tbc)

Autumn 2011

Cancer Genomics

Speakers: L. Chin, A. Futreal, P. Lichter

Autumn 2011

Structure and Dynamics of Protein Networks

Speakers: A. Gavin, M. Kaksonen, G. Superti-Furga (more tbc)

2011

Quality Control – From Molecules to Organelles

Speakers: B. Bukau, (more tbc)