



University of Zurich
UZH
Institute of Anatomy

1st CECE Bioinformatics and Functional Genomics Workshop 2012

Time

20-21 August 2012, in association with the 26th CECE 21-25 August 2012

Venue

University Zurich Irchel Campus, Functional Genomics Center (FGCZ),
Winterthurerstrasse 190, 8057 Zurich, Switzerland

Organizers

Elisabeth Eppler, Host of the 26th CECE and Secretary/treasurer of the ESCE
Dan Larhammar, President of the ESCE and Professor at Uppsala University, Sweden
Ralph Schlapbach, Professor and Director of the Functional Genomics Center Zurich
+ Bioinformatics and Functional Genomics Tutors from Zurich and Uppsala Universities

Participants

Maximum number of participants: 18.

Bring your own projects and questions! A brief proposal (short abstract) of the project you are working on is recommended to be submitted to FGCZ via E-mail to:

coordinator@fgcz.uzh.ch You are welcome to bring your own laptop.

Course fee

Participation fee: CHF 190,-

Fee includes course participation, documentary material, Monday and Tuesday lunch and coffee breaks, beer and meal at the Sunday get together.

Preliminary programme

Sunday 19 Aug 2012

18.00 Informal get together (have a beer and food with your tutors)

Monday 20 Aug 2012

09.00 Welcome and introduction

09.15 Introduction to bioinformatics:

genome databases, EST databases, blast searches, phylogenetic analyses, synteny-paralogon analyses

10.00 Hands-on work with computers

12.00 Lunch break

13.00 Phylogenetic analyses

14.00 Hands-on work with computers

16.00 Synteny and paralogon analyses

16.30 Hands-on work with computers

18.00 End of day, evening self-organised

Tuesday 21 Aug 2012

09.00 Overview of functional genomics methods:

Sequencing methods/platforms, microarrays

09.45 Data processing and interpretation issues for microarray and next generation sequencing data

10.30 Guided tour to the Functional Genomics Center

11.30 Concluding remarks and feedback discussion

12.30 Lunch

13.30 Research and product presentations from sponsors

15.30 End of workshop

16.00 Show up at CECE registration desk (Lichthof Areal Irchel Campus)

17.00 Opening Ceremony 26th CECE 2012

19.00 Welcome Reception