



### 3to4 Summer School on Bioinformatics

**Date:** August 27-30, 2013

**Location:** Zurich, Switzerland

**Goal:** We want to teach participants some bioinformatics concepts and IT skills that will be useful during the 3to4 project and beyond. Participants should spend a significant amount of time in hands on sessions.

**Coordinator:** Stefan Bleuler, stefan@nebion.com, +41 44 500 95 45

#### Suggested Program:

August 26, evening: arrival in Zurich

August 27, morning: Administrative issues, introductions, outlook, computer setup.

August 27, afternoon: Geneinvestigator: Introduction, workflows for different biological questions

August 28, morning: Clustering and biclustering: theoretical foundations, practical issues, hands-on

August 28, afternoon: Biological networks: overview and applications

August 29, morning: unix shell, simple unix tools, regular expressions

August 29, afternoon: introduction to scripting (in Ruby), text file manipulation

August 30, morning: scripting, filtering and combining data from files

August 30, afternoon: Wrap up, departure.

**Social Event:** We will organise a social event on one of the afternoons/evenings.

**Accommodation:** In principle each participant is responsible for his/her accommodation. We will suggest a hotel and are trying to reserve a number of rooms at reduced rate. Details will be available for registered participants.

**Registration:** Please register by sending an email to Stefan Bleuler ([stefan@nebion.com](mailto:stefan@nebion.com)) and to Carla Pinheiro ([pinheiro@itqb.unl.pt](mailto:pinheiro@itqb.unl.pt)) with the following information until May 31.

- Name
- Address
- Institution