

ICGEB

Meetings and Courses 2018

ICGEB Course

Bioinformatics: computer methods in molecular and systems biology

25 - 29 June 2018 | Trieste, ITALY

Organisers:

Sándor Pongor (Pázmány Péter Catholic University, Budapest, Hungary)

Michael Myers (ICGEB Trieste, Italy)

Contact courses@icgeb.org

Web <http://www.icgeb.org/bioinformatics-2018.html>

Based on a structured overview of bioinformatics methods this course gives an introduction to the main concepts of sequence bioinformatics applied to next generation sequencing and proteomics data. The course contains theoretical and practical sessions on genomics, metagenomics, gene expression analysis as well as proteomic analysis. Topics will include:

- Data, databases and big data in bioinformatics
- Sequence alignment, multiple alignment
- Genome annotation, metagenomics
- Gene expression analysis
- Qualitative and quantitative identification of proteins vi proteomic analysis
- Identification of post-translational modifications using proteomics

Participants

- Only a limited number of participants are admitted to this Course to allow adequate interaction during the practical sessions
- Participants will need to have their own laptop with an internet browser installed to access the course Google Cloud infrastructure and remote high speed computing facility for sessions and practical exercises
- Registrations will be accepted on a first-come, first- served basis up to the overall seats availability and will only be considered complete upon receipt of the relevant payment (Students €100; Postdocs and Academics €200; Industry €400)

Online registration www.icgeb.org/course-registration-bioinformatics-2018.html

Deadline 30 January 2018

Funding

- A limited number of grants will be available for nationals of **ICGEB Member States** to waive the registration fee and cover twin-share accommodation
- The selection will be based on the applicants' CV, motivation statement and potential benefit for their career. Geographical and gender balance, as well as priority order in the application, will also be considered
- Preference will be given to Ph.D. students and junior scientists below the age of 35 years
- Unsuccessful applicants will be given priority of access should they be interested to attend at their own cost through regular registration, compatibly with the overall seats availability

Online application www.icgeb.org/course-application-trieste-bioinformatics-2018.html

Deadline 22 January 2018



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ICGEB Meetings and Courses Unit

Padriciano, 99

I-34149 Trieste, Italy

Tel: +39-040-3757332/7333

Fax: +39-040-226555

E-mail: courses@icgeb.org

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