



Institute of Molecular Biology and Genetics Conference for Young Scientists

Workshop on Bioinformatics

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Background

Bioinformatics is a rapidly developing discipline of managing, analysing, and mining knowledge from biological data.

This is the first bioinformatics workshop in Ukraine. Its purpose is to train researchers in the use of publicly available bioinformatics data and tools. The workshop will teach how to work with biomedical databases and experimental platforms that reflect advances in technological and scientific fields of research. The course of this 1-day workshop covers usage of genome browsers, comparative sequence analysis, microarray platforms, protein structure modeling and molecular dynamics. The aim of this workshop is to bring together researchers, developers and practitioners in order to help them to solve research tasks on bioinformatics and computational biology in their work.

Significance

The CYS2011 conference will provide scientific researchers with a workshop at which the participants become familiar with biological databases and tools that they will utilize in their respective fields or research.

Instructors

Instructors are from Institute of Molecular Biology and Genetics, which work closely with biological data processing and analysis. Each instructor's module is based upon publicly available resources that they use on a daily basis as part of their own specialized fields of research.

Organisers: 

Institute of Molecular Biology
and Genetics NAS Ukraine



Young Researchers' Council
of IMBG

Further information on: <http://cys2011.imbg.org.ua>



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Total number of attendees and format

The class size is limited to 30 students. This is done to promote close interaction between the instructors and students during the learning and free research time at the end of each module. Each student is supposed to have laptop to connect to the server with installed software. Windows users are free to install PuTTY on their machines or contact with workshop instructor to do this before the beginning.

Payment

There is no fee for academic participants.

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