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Summer Camp on Bioinformatics

Genetics, Genomic Medicine and Statistics

Professor Philippe Broët (University of Paris-Sud, France)

Associate Professor Hervé Perdry (University of Paris-Sud, France)

July 16th – 17st, 2013

“Victor Papilian” Faculty of Medicine (“Lucian Blaga” University)

Sibiu, Romania

<http://thor.info.uaic.ro/~rng/>

Course Evaluation

Prepared by Anca Vitcu

Overview

The course audience was composed of professors, researchers and clinicians with high level practice in medicine, biostatistics, bioinformatics, biology, and/or computer science. An important remark is that half of the participants have management positions in the institutions they are affiliated, the decision making status allowing them to decide on academic and research development programs in the fields they have expertise. This aspect proved to be extremely fruitful during the appointments which followed the training sessions.

Participants were focused both, on the broad and complex theoretical aspects revealed, as well as on the study cases presented. The latter were of very much importance because exposed a strong and successful experience in the application of a trans-disciplinary knowledge. The professors were generous with details covering modeling, analysis, outcome interpretation, technologies used, and also approach of some open issues. The lectures were very well structured, presentations were highly professional, and the invited professors, as we already know them, charismatic and always open to provide additional information and support.

	Course content	Lectures	Documentation	Applications
No. Participants	16	16	16	16
Average evaluation score^{*)}	4.69	4.81	4.75	4.75

^{*)} 5 – Excellent, 4 – Very good, 3 – Good, 2 – Satisfactory, 1 – Poor

Evaluation was done considering the gain of information received by each participant in its field of expertise.

- 9 of 16 participants asserted that their **expectations** where **met**, 7 considered them **exceeded**;

- 14 of 16 participants estimated that the course had a **correct length** in terms of time resources and the proposed aim, **but** the overall expressed will addressed to organizers was to extend the future courses at five days to allow more applications and participants' exercises, because the knowledge gained proved to be really valuable.

- All participants recommend the course to be attended considering it a noteworthy event, professors' Philippe Broët and Hervé Perdry commitment being remarkable.

The training sessions were followed-up by some meetings with the Dean (Assoc.Prof. Silviu Morar) and the leaders of the Faculty of Medicine (ULBS), laying the foundation of the development at Sibiu of a Training and Research Center on Biostatistics and Bioinformatics, in collaboration with Prof. Philippe Broët and his team. The project proposal will be prepared by Assist.Prof. Anca Vitcu (Faculty of Computer Science, UAIC, Iasi) and Assoc.Prof. Liana Bera (Faculty of Medicine, ULBS, Sibiu), in collaboration with Prof. Philippe Broët (University Paris-Sud, France).

Other aspects

We very much appreciate the attendance of our colleague Dr. Magda Piszcz from ISCB-PNG.

Regarding the organization component, the feedback received from the participants and invited professors was flattering; it was an elegant, professional and friendly environment.

The organization team was composed of:

- Liana Bera (coordinator), Gabriela Cioaca, Manuela Pumnea, Silviu Morar (ULBS, Sibiu);
- Anca Vitcu (coordinator), Bogdan Grigoriu (Faculty of Computer Science (UAIC) & IRO, Iasi).

Final conclusions

The lectures and applications addressed to an important need of understanding the trans-disciplinary approach of genomic medicine related issues. The quality of information provided was highly appreciated, as well as the expertise and teaching abilities of the invited professors, who, again, figured a fascinating team. Addressed to participants of different expertise and concerns, the presentation sessions succeeded to offer guidelines and dedicated answers to each participant. More, they opened a door to strengthen and status reconfiguration of disciplines like biostatistics and bioinformatics in the Romanian medical environment.

We strongly recommend the title "**Genetics, Genomic Medicine and Statistics**" coordinated by professor Philippe Broët to be included on the official list of ISCB short-courses.