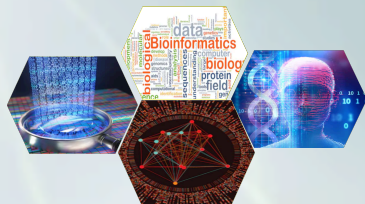


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Organizing Committee

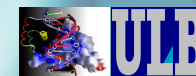
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Université M'Hamed Bougara de Boumerdes
Faculty of Nature and Life Sciences

Department of Biology
Valorization and Conservation of Biological Resources
(VALCORE)



In collaboration with



Computational Biology and Bioinformatics
Service 3Bio
(BioControl, BioInfo and BioMatter)
Université libre de Bruxelles (Belgium)

Organize the

International Bioinformatics Day

November 05, 2019.

At the University Library
UMBB, Boumerdes, Algeria.



Honorary Presidents:

Pr. Abadlia Mohamed Tahar, Rector of the University
M'Hamed Bougara of Boumerdes.

Pr Tairi Abdelaziz, Vice-Rector for External Relations,
Cooperation, Animation and Communication and Scientific
Manifestations, University M'Hamed Bougara of Boumerdes.

Pr. Arab Karim, Dean of the Faculty of Nature and Life Sciences of
the University M'Hamed Bougara of Boumerdes.

Chairwoman of the Day:

Dr. Khemili-Talbi Souad (UMBB, Algeria)

Vice-chairman of the Day:

Pr. Gilis Dimitri (ULB, Belgium)

Invitation and presentation

Dear colleagues,

It is with great honor that we announce the organization of the first *International Bioinformatics Day* at the Université M'Hamed Bougara de Boumerdes (UMBB, Algeria) in collaboration with the Université libre de Bruxelles (ULB, Belgium).

Bioinformatics is an indispensable discipline in the fields of biotechnology, biology, biomedical sciences and agribusiness. It plays a very important role in the processing of biological data flowing massively into databases that concern all levels of life; DNA, RNA, proteins, cells, individuals, populations and species between and in their environments and ecosystems.

Thanks to advances in high throughput techniques and in information technologies, the omics sciences, including genomics, proteomics, transcriptomics and metabolomics, are today a major challenge in the identification and development of new diagnostic strategies, new markers and new biological targets, to better identify biological systems. The exploitation of these big data, in particular through the use of artificial intelligence methods, is an important source of innovation.

Aims

This day, realized in partnership with our Belgian experts, aims at :

- ✓ communicating the progress of scientific research in bioinformatics and the prospects for the future.
- ✓ highlighting the fundamental importance of bioinformatics for the life sciences.
- ✓ giving a broad view of the applications of omics techniques in biotechnology, biomedical sciences and agri-food and thus meet the challenges of the 21st century in health and environment.

- ✓ promoting scientific exchanges between national and international researchers and young researchers.
- ✓ strengthening the exchange of ideas and national and international collaborations.

Topics

- Genomics.
- Transcriptomics.
- Proteomics and Molecular Modeling.
- Metabolomics.
- Biological Systems.
- Artificial intelligence.

Important dates

Deadline for receipt of abstracts:

September 05, 2019.

Notification of acceptance:

September 19, 2019.

Date of the JIBioinfo2019:

November 05, 2019.

Registration fees

The registration fees cover coffee breaks, lunch, acts of the day and access to conferences. ***Participants are responsible for organizing and paying their own travel costs to the venue as well as for their accommodation.***

Teacher-Researcher	8000 DA
Teacher-PhD student	8000 DA
PhD student – Student.....	5000 DA
Industrials.....	10000 DA

Instructions for authors

Recommended plan for abstracts:

The submitted abstract must not exceed one page and must be written in "Time New Roman" characters with: Font 12 for the text, Font 14 Bold for the title, Font 10 for the names of the authors, Font 10 underlined for the principal author (communicant), Font 10 italic for the addresses of the authors. The abstract must be saved in Word format (according to the proposed model) and named:

YourLastName_YourFirstName_Abstract_JIBioinfo2019.doc

The abstract and the registration form to download at the following addresses <https://www.univ-boumerdes.dz/Bioinformatique%20%202019/> and www.jibioinfo2019.org should be sent to:

JIBioinfo2019@univ-boumerdes.dz

- Please send a **SINGLE** email containing the file "**registration form + Abstract**".
- Only **one** contribution per participant is accepted. No exceptions will be granted.

Languages

Presentations can be in French or in English. However, PowerPoint (PPT) supports for all oral and poster communications must be written in English.

Program

The program will include plenary conferences (30 min), oral communications (10 min) and posters.