**Special track/session for Africa / the Middle East and the Francophone States**

**Call for Papers on ICCMIT2018**

**Contribution of biotechnologies and nanotechnologies to scientific advances in the field of health: recent discoveries**

**Organized by:**

1. **Pr. SAÏLE Rachid, Ph.D, HDR**
2. **Pr. BADRI Wadi, Ph.D**

Faculty of Sciences Ben M’sik

Hassan II University of Casablanca, Morocco

E-mail: sailerachid@yahoo.fr, wadibadri@gmail.com

**Objectives and Motivation**

Today, biotechnology and nanotechnology are very important in the field of living. They open the possibility of interacting on a molecular scale with viruses, DNA, proteins ... these technologies have enriched the pharmaceutical sector, we even talk about nanomedicine! The challenge is to use new miniaturization techniques derived from micro and nanotechnologies to develop health applications and create technological breakthroughs in areas where societal needs are important. The evolution is very much towards a personalized medicine combining frequent use of molecular information to make a rapid diagnosis and prescription of highly targeted drugs. The importance of broad-spectrum medicines as they are currently known will be less. For major pathologies such as cancer, we are oriented towards fine diagnosis.

Recent advances in scientific research have highlighted biological markers associated with various pathologies, including metabolic and genetic diseases such as cardiovascular diseases, diabetes, obesity and cancer, which are the leading cause of death in the world. The technological advances of recent years have allowed the emergence of new markers whose scientific or clinical interest is growing. Technological advances contribute greatly to the understanding of the molecular and cellular mechanisms of these pathologies.

This session on biotechnology and nanotechnology will provide an update on the latest discoveries, both fundamental and clinical, and will allow researchers to communicate on their recent work in the form of posted or oral communications and also allow scientific exchange.

**Scope and Interests**

The applications in biotechnology and nanotechnology are elucidated in several pathologies. This is one reason why topics of interest include, but are not limited to, the following:

* Pharmaceutical research
* Biotechnology research
* Pharmaceutical industry,
* Agrifood
* Biomedical and cosmetic research
* Neuro-technological research
* Molecular technology
* Genetic engineering
* Obesity
* Cardiovascular diseases
* Nutrition and food
* Atherosclerosis
* Pathology related to the environment
* Diabetes
* Cancer
* Endocrine diseases
* diseases of phosphocalcic metabolism
* Metabolic syndrome
* Dyslipidemia

**Scientific Committee:**

1. **Pr. SAILE Rachid** Hassan II University of Casablanca UH2C. Morocco
2. **Pr. BADRI Wadi** Hassan II University of Casablanca UH2C. Morocco
3. **Pr. KETTANI Anass** Hassan II University of Casablanca UH2C. Morocco
4. **Pr. TAKI Hassan** Hassan II University of Casablanca UH2C. Morocco
5. **Pr. HILALI Saïd,** Hassan I University of Settat, Morocco
6. **Dr. EL AZHARI Mohamed,** Pasteur Institute of Morocco
7. **Pr. TANANE Omar** Hassan II University of Casablanca UH2C. Morocco
8. **Pr. LEBRAZI Halima** Hassan II University of Casablanca UH2C. Morocco

**Paper Submission :**

The submissiveness of the communication propositions: Will make itself under electronic format via E – mail sailerachid@yahoo.fr . three evaluators, members of the scientific committee, will value every proposition.

All instructions and templates for submission can be found in the ICCMIT2018 website:

http://www.iccmit.net/. The accepted papers will be published by IEEE and it will appear on IEEE-Xplore. Also, the best articles will be invited to be published again after expansion as book chapter in IGI Book as well as Journal of Information Retrieval "ACM Index journal".

**Important Dates:**

**Authors are requested to consider the following conference important dates and deadlines.**

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| **Full paper submitted for revision in electronic form** | **Feb. 01, 2018** |
| **Notification of acceptance** | **Feb. 15, 2018** |
| **Conference registration** | **Feb. 15, 2018** |
| **Final paper submission and author's camera ready paper** | **March 2, 2018** |
| **Conference Dates** |  **April 2 - 4, 2018** |

**Contact us: Pr. Bassiri Mustapha Vice-PresidentICCMIT18 for Africa / the Middle East and the Francophone States E-mail:****bassiri.mustapha@g**[**mail.com**](http://mail.com/)