

People's Democratic Republic of Algeria
Ministry of Higher Education and Scientific
Research

IBN KHALDOUN University - Tiaret



Nature and Life Sciences Faculty
Laboratory of Agricultural
Biotechnology and Nutrition in Semi-
Arid Areas

The Second International Seminar
of Microbiology: Functional
Micro-ecology in the Service of
Living Systems

(2nd ISM-FMSLS)



September 21 and 22, 2026

Honorary Chairmen

Pr. Berrezoug BELGOUMANE
Rector of Tiaret University.

Pr. Mohamed SASSI
Dean of the Natural and Life Sciences Faculty,
Tiaret University.

Honorary guest

Pr. Mostefa KOUADRIA (Univ Tiaret)
Dr. Zohra Arabi (Univ Tiaret)

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Preamble and objective



MICROBES constitute a real world that deserves to be explored. They are present everywhere, i.e., food, human/animal body, plants, soils etc.). They can be deleterious or beneficial to the different environments they inhabit

Furthermore, they can create their own environment, which has been coined functional micro-ecology. The functional micro-ecology has become a fast-moving and ever-changing study field, rich in research opportunities that animate a collective spirit and cooperation of scientists. The scientific consensus is that functional micro-ecology is a valuable and efficient living system in food, agriculture, pharmaceuticals, and biotechnology. There are several successful examples of their positive exploitation, creating innovations in a range of fields (human, animal and plant health). What also drives science today is the involvement of artificial intelligence, which opens the doors to an imaginary horizon of knowledge, and answers several questions which have remained ambiguous for several years. The objective of this event is to discuss the state of the art of research in functional micro-ecology and the application of artificial intelligence tools in computational microbiology, as well as to promote the development of innovative research perspectives.

Topics

1. Biodiversity and valorization of natural microbial resources;
2. Microbiota, biotic formulations and human/ animal health;
3. Interaction microbial systems – plant;
4. Computational microbiology and its applications.

Abstracts Submission

The abstract should be written in English and kept under 300 words. Times New Roman (TNR) font, justified alignment, and single-line spacing should be used for both the title and the main text. Author names should be in TNR, italicized, and set at a font size of 10. The presenting author's name should be underlined. The abstract should include a maximum of five keywords. Please refer to the provided template for formatting details.

Language presentation

Arabic- English – French.

Participation fees (without accommodation)

- * Teachers-researchers: 5000 DA
- * Doctoral students: 2000 DA
- * Professionals: 5000 DA
- * Exhibition stand: 7000 DA
- * International participants: Teachers-researchers 100 euros, Doctoral students 50 euros.

Journals

Selected articles

- Arab journal of plant protection-
- Arab society for plant protection.
- Journal des substances naturelles et innovation thérapeutique- ASJP. Université Moustapha Istambouli, Mascara.

Book abstract

- Genetics and biodiversity journal, Aboubekr Belkaid – Tlemcen.

Important dates

Deadline for abstracts reception: **September 1, 2026**

Notification of acceptance: **September 10, 2026.**

Seminar: **21 - 22 September 2026**

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