

SCIENTIFIC COMMITTEE

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IMPORTANT DATES:

- **May 8, 2025:** Call for communications.
- **August 30, 2025:** Deadline for submission of abstracts.
- **September 30, 2025:** Notification of acceptance.
- **November 12 & 13, 2025:** Seminar dates.

ABSTRACTS SUBMISSION

- Participants are invited to submit their abstracts according to the proposed template for oral or poster presentations via the following link :
<https://forms.gle/B9KXScGcdnKuM7o46>
- Each participant can submit a maximum of 1 to 2 abstracts
- **Language :** English or French

SCAN ME



REGISTRATION FEES:

- PhD Students (Unemployed): 5,000 DA.
- Researchers/Professors: 10,000 DA.
- Professionals/Industry Participants: 12,000 DA.
- Participation fees must be paid to the following :

Name : Université de Boumerdes

CC : 3556 96 clé 07

RIB : 00835001135000023564

Anyone who has made a payment is asked to send us the transfer receipt to the Email adress :
NSBH2025@univ-boumerdes.dz



MINISTRY OF HIGHER
EDUCATION AND SCIENTIFIC
RESEARCH



M'HAMED BOUGARA UNIVERSITY OF
BOUMERDES

THE LABORATORY OF BIOINFORMATICS, APPLIED
MICROBIOLOGY, AND BIOMOLECULES ORGANIZES

1ST NATIONAL SEMINAR ON BIOMOLECULES AND HEALTH (HYBRID)



NOVEMBER 12 & 13, 2025

HONORARY INVITED

The Rector of M'hamed Bougara University
of Boumerdes (UMBB)

The Dean of the faculty of sciences
University of Boumerdes(UMBB)

The Director of bio-informatics, Microbiology
Applied & Biomolecules Laboratory

PRESIDENT OF THE SEMINAR

Dr.BENHABYLES BOUTTABA Narimen

Dr. BENHABYLES BOUTTABA Narimen
President Of The 1st NSBH

M'hamed Bougara, Boumerdes
1st National Seminar
On Biomolecules and
Health NSBH'2025
13 and 14 Novembre, 2025
Faculty Of Sciences

OBJECTIVES OF THE SEMINAR

While herbal medicine is gaining significant global attention, it cannot merely be regarded as a trend. Our era is profoundly influenced by the pursuit of a healthier lifestyle, a return to nature, and essential values. However, the success of phytotherapy is largely due to the level of technical and scientific mastery achieved in this field. Advancements in agronomy, chemistry, and pharmacology have allowed for the development of safer, more suitable, and effective therapeutic and galenic forms.

Algeria, with its diverse climate, soils, and geology, boasts a particularly rich flora of medicinal and aromatic plants. Traditional medicine remains widely practiced, with several herbal remedies, either individually or in combination, recommended for treating illnesses. The work of ethnopharmacologists highlights the growing success of ancient pharmacopoeias as part of a global "green wave," emerging as an alternative to chemical medicine. This approach has also been embraced by the pharmaceutical industry for the extraction of active principles from medicinal plants, providing a foundation for innovation in the development of new medicines. This method not only accelerates research and development but also ensures that these plant-derived medicines are administered in forms that optimize efficacy while minimizing the side effects often associated with synthetic medications.

Plant-based medicines are composed of a "complex" of molecules derived from one or more plant species. Today, various galenic forms—some more innovative than others—are available, making the traditional infusion seem somewhat outdated. However, changes in these forms can sometimes alter their effect on metabolism or the bioavailability of active principles. Thanks to modern manufacturing and analytical techniques, alongside interdisciplinary collaboration, phytotherapy is poised for brilliant progression.

This scientific meeting aims to promote biomolecules derived from medicinal plants and their application in biological, pharmacological, and pharmaceutical fields.

ORGANIZING COMMITTEE

President : Dr. BOUMAZA HAMLADJI Sarah

MEMBERS :

Pr. BLIZAK Djanette (UMBB)
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Dr. MERAH Soumia (USTHB)

TOPICS

Topic 1:

Applications of biomolecules in the pharmaceutical industry.

Topic 2:

Biological and pharmacological valorization of biomolecules in health.

Topic 3:

Biomolecules in nutrition.

Topic 4:

Innovations in biomolecules and nanotechnology.

Topic 5:

Role of biomolecules in addressing antibiotic resistance.

PROGRAM
Dr. BENHABYLES BOUATABA Narimen
President Of The 1st NSBH

The seminar will focus on the following scientific activities :

- Conferences (20 minutes)
- Oral communications (10 minutes)
- Poster presentations (10 minutes)

CONTACT INFORMATION :

• Web site : <https://nsbh2025.univ-boumerdes.dz/>
• Email: NSBH2025@univ-boumerdes.dz

