

Saber UH 2025

Convención Científica Internacional
Universidad de La Habana



CIGB CENTRO
DE INGENIERÍA GENÉTICA
Y BIOTECNOLOGÍA

Red de
BIOTECNOLOGÍA
Y BIOMEDICINA

cim Centro de Inmunología
Molecular

SECOND CALL

The Biotechnology and Biomedicine Network of the University of Havana, jointly with the Center of Molecular Immunology and the Center for Genetic Engineering and Biotechnology

are pleased to announce the

II INTERNATIONAL SYMPOSIUM BIOTECHNOLOGY AND BIOMEDICINE

Which will take place as part of the

INTERNATIONAL SCIENTIFIC CONVENTION OF THE UNIVERSITY OF HAVANA

Saber UH 2025

May 27th – 30th, 2025

University of Havana, Havana, Cuba (convencionuh.com)

This event will represent a special opportunity to communicate the progress of scientific research in the fields of Biotechnology and Biomedicine, identify new opportunities and exchange results. The Organizing Committee will ensure a high scientific level, which will include plenary lectures, oral presentations, round tables and poster exhibitions. Additionally, the participants will have the opportunity to learn about the culture, history and social life of our University of Havana, as well as the Cuban capital, in a climate of hospitality that will make their stay fruitful, pleasant, and unforgettable.

OPENING LECTURE May 27th, 2025

“Current challenges of the Cuban Biopharmaceuticals Enterprise and their links with Universities”

DrC. Santiago Dueñas Carrera, VicePresident of BioCubaFarma

ORGANIZING COMMITTEE

BIOMED NETWORK

(Coordinator: DrC. Isel Pascual Alonso, isel@fbio.uh.cu, Secretary: DrC. Laritza Rojas, laritza@fbio.uh.cu)

SCIENTIFIC COMMITTEE

DrC. María Eliana Lanio, Faculty of Biology, University of Havana
DrC. Carlos Alvarez Valcárcel, Faculty of Biology, University of Havana
DrC. Anselmo Otero González, Facultad de Biología, Universidad de la Habana
DrC. María del Carmen Luzardo, Faculty of Biology, University of Havana
DrC. Carmen Soto Febles, Faculty of Biology, University of Havana
DrC. Rady Laborde Quintana, Faculty of Biology, University of Havana
DrC. Patricia Ortega-Rodés, Faculty of Biology, University of Havana
DrC. Loiret Fernández, Faculty of Biology, University of Havana
DrC. Marcia Rojas, Faculty of Biology, University of Havana
DrC. Jeny Larrea, Faculty of Biology, University of Havana
DraC. Amisel Almirall La Serna, BIOMAT, Universidad de La Habana
DraC. Yaymarilis Veranes Pantoja, BIOMAT, Universidad de La Habana
DrC. Kalet León Monzón, Center of Molecular Immunology
DrC. Belinda Sánchez, Center of Molecular Immunology
DrC. Luis Javier González, Center for Genetic Engineering and Biotechnology
Dr. Cs. Luis Velázquez Pérez, President of the Cuban Academy of Sciences

Official languages: Spanish and English.

Topics:

1- Biomedicine (DrC. Carlos Alvarez Valcárcel, DrC. María del Carmen Luzardo, DrC. Gretchen Bergado)

- New molecules with antitumor, anti-inflammatory and immunomodulatory activities
- New molecules with activities against infectious diseases
- Mechanisms of cell death and their therapeutic implications
- Development of new vaccines for human diseases
- Natural Products with biomedical applications
- Recombinant expression of proteins of biomedical relevance: Challenges and solutions
- Structure-function studies of peptides and proteins of biomedical and biotechnological applications

2- NanoBiotechnology (DrC. María Eliana Lanio, DrC. Rady Laborde)

- Vaccine platforms
- Systems for releasing biomolecules into the cell cytosol
- Therapeutic agent targeting systems
- Biosensors and different devices for the detection of biomolecules
- Nanoparticles with biomedical and biotechnological applications
- New Materials with biomedical and biotechnological applications

3- Molecular Pathogenesis and Therapeutic Strategies in Polyglutamine Expansion Diseases.

- CAG Repeat Expansion in ATXN2 Gene
- Phenotype and molecular correlations in SCA2
- Ataxin-2 CAG repeat polymorphism in other neurodegenerative diseases.
- Polyglutamine Toxicity and neurodegeneration.
- RNA Dysregulation in SCA2
- Mitochondrial Dysfunction and Oxidative Stress
- Dysregulation of Calcium Homeostasis

- Autophagy and Protein Aggregation
- Neuroinflammation Dysfunction in SCA2 .
- Potential Molecular Targets for Therapeutic Intervention

4- Agricultural Biotechnology (DrC. Patricia Ortega-Rodés and DrC. Loiret Fernández):

- Interaction of plants with the environment.
- Plant productivity
- Plant phenotyping
- Molecular markers and improvement in plants
- Use of Bioproducts in cultivated plants

5- Microbial Biotechnology (DrC. Marcia Rojas and DrC. Jeny Larrea):

- Molecular markers in microorganisms and their applications
- Environmental microbiology and its applications.
- Food Microbiology
- Industrial Microbiology
- Characterization and use of microorganisms and viruses in biotechnology

Rules for presentation and publication of works

Abstracts will be uploaded to the event website during registration in Word format, in a single paragraph of no more than 250 words, excluding title and affiliation.

Title: in bold letters

– Authors: name and surname, underline the author presenting the work, refer to the presenter's email address and the affiliation of all authors with a superscript number after the name and put each institution of origin below.

– Structure of the summary: background, objectives, results and conclusions. For more information about the characteristics of the summary, check the convention website.

The Scientific Committee will review the works and decide on its acceptance and presentation modality: oral or poster. The selected works may be published in the Cuban Journal of Biological Sciences and following its guidelines for authors.

CONVENTION IMPORTANT DATES

First date for registration and abstract submission: October 1st 2024 (<https://eventos.uh.cu/event/126/registrations/120/>)

Deadline for abstract submission and registration: March 10, 2025

Notification of acceptance of papers: April 12, 2025

Early registration: Before April 25, 2025

Deadline for registration: Before May 10, 2025

Accreditation: May 26, 2025

Opening Ceremony: May 26, 2025

Closing Ceremony: May 30, 2025

Delegates interested in publishing articles in extense in the Cuban Journal of Biological Sciences must be sent an email to the coordinators of the symposium before may 1st, 2025. More details in <https://revistas.uh.cu/rccb> .

Registration fees

Participants	Category	Before April 25 th 2025	Between April 25 th and May 10 2025
Cuban delegates	Delegates	3500 CUP	4000 CUP
	Undergraduate students	1200 CUP	1500 CUP
Foreign delegates	Delegates	180 USD	200 USD
	Undergraduate students	90 USD	100 USD
	Accompanying person	72 USD	80 USD

Undergraduate students must present an official letter from the university to certify their status.

INVITATIONS

Convention participants who require a letter of invitation to make the corresponding travel arrangements may request it from the Organizing Committee by e-mail: convencionuh@rect.uh.cu.

For more information related to registration fees, payment methods, registration fee rights, hotel offers, and other topics of interest, consult the official event page and via email: convencionuh@rect.uh.cu

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