

# BioPhys 2025 Mexico

7, 8 y 9 de Mayo / Dates: 7th-9th May, 2025

Foro Cultural Tiempo y Espacio Thaay/Thaay Time and Space Cultural Forum,  
Lerma, Estado de México

C. Artesanos 2, Centro, 52000, Lerma de Villada, Estado de México

La Conferencia BioPhys Mexico City 2025 es una conferencia científica internacional cuyo objetivo es impulsar la investigación de frontera interdisciplinaria en la intersección de Física, Biología Molecular, Ciencias Computacionales y Matemáticas y un foro nacional e internacional de discusión de los aspectos más relevantes en el campo de la Física Biológica.

#### Temáticas eje

1. Estructura y dinámica de macromoléculas
2. Modelos matemáticos y físicos en Biología
3. Biomateriales y nanotecnología
4. Física de sistemas biológicos complejos
5. Termodinámica y cinética de sistemas biológicos
6. Biomecánica
7. Biofísica de membranas celulares

Towards a Mexican Biophysical Society: Round table and discussion sessions

#### Comité organizador (Organizing Committee)

Luis Olivares Quiroz. UACM  
Eduardo Jardón Valadez. UAM Lerma  
Carlos Muñoz Garay. ICF-UNAM  
Braulio Gutiérrez Medina. IPICYT

#### Instituciones organizadoras

UACM  
UAM Lerma  
IPICYT  
Instituto de Ciencias Físicas UNAM

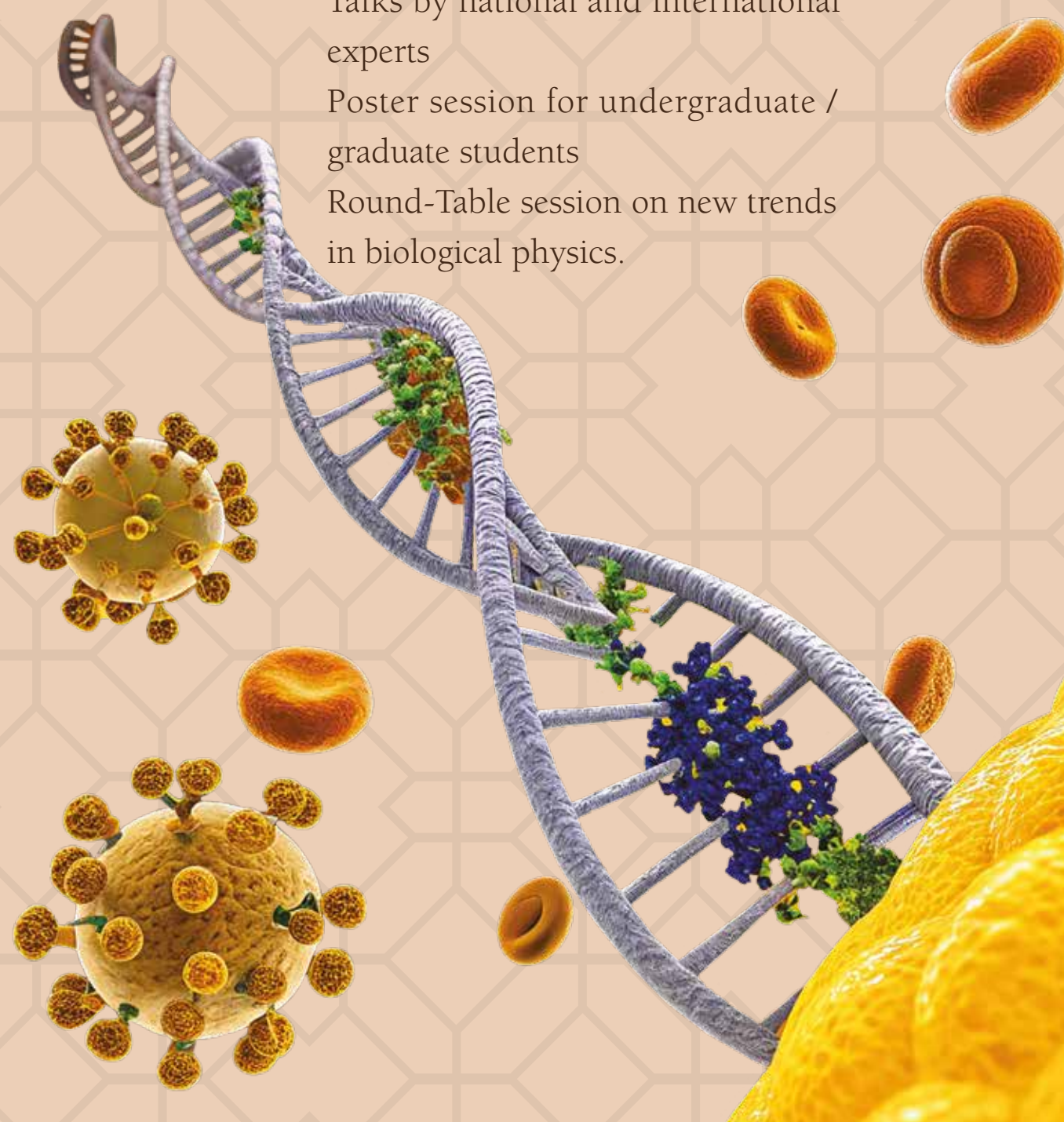
#### Sitio web (Website)

The BioPhys Mexico City 2025 conference, the 5th in a biennial series, is intended as an international, multidisciplinary scientific forum to discuss the latest developments in biological physics, including experimental, theoretical and computational methods, from a single molecule perspective to complex multi-component environments.

The conference is expected to boost the new paradigm of interdisciplinary approaches converging into specific problems in biological physics. Hence, the conference audience is broad: We aim to attract the attention of biologists as well as biochemists, organic chemists, engineers, computational scientists, physicists, and mathematicians. The venue is highly convenient since it is located in a metropolitan area where diverse universities coexist, offering extensive undergraduate and graduate programs in physics, biology, medicine, engineering, mathematics, and other disciplines related to biophysics.

#### The program includes:

Talks by national and international experts  
Poster session for undergraduate / graduate students  
Round-Table session on new trends in biological physics.



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