



UNITED NATIONS  
UNIVERSITY

**UNU-BIOLAC**

Programme for Biotechnology in  
Latin America and the Caribbean

# "IX CURSO INTERNACIONAL DE BIOLOGÍA MOLECULAR DE TRIPANOSOMATIDOS Y IX SIMPOSIO INTERNACIONAL DE BIOLOGÍA MOLECULAR DE LA ENFERMEDAD DE CHAGAS"

## Course

**July 25 - July 30**

## TARGET GROUPS

The main goal of this proposal is to impart a basic and updated course on Cellular and Molecular Biology of Trypanosomatids and organize a symposium to be held immediately after the course. With the advent of the post-genomic era and new high-throughput technologies, the research is challenged to advance and reveal striking processes and mechanisms in the parasite cellular and molecular biology, functional genomics, and host-pathogen interactions. Emphasis will be focused on genome, transcriptome, proteome, metabolome and functional genomics, as well as on relevant aspects on the cell biology of Trypanosomatids, all of them involved in host-pathogen interactions. In addition, the course will provide practical training including parasite cell culture, genomic edition using CRISPR-Cas9 system, molecular and cellular biology methods, and bioinformatic analysis of genomes and transcriptomes.



## COORDINATOR

**PhD Omar Triana**



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1803

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