

PRESENTATION

IX SYMPOSIUM ON MOLECULAR BIOLOGY OF CHAGAS DISEASE IX SIMPOSIO DE BIOLOGÍA MOLECULAR DE LA ENFERMEDAD DE CHAGAS

The Symposium on Molecular Biology of Chagas disease and the international course on the molecular biology of Trypanosomatid is an initiative started in 2012 by several Latin American groups from five countries (Argentina, Chile, Colombia, Venezuela, and Uruguay). The main goal of this initiative was to build a network aiming to understand the problem of Chagas disease and others trypanosomiasis from different aspects. In this context, one of the main objectives of the network is to contribute to the formation of advanced human resources. In this context, we have been consistently organizing courses that have contributed to the formation of graduate students, and young researchers and promote the interaction of group leaders from institutes of South America working on Trypanosomatid that causes relevant human diseases. These courses constitute the appropriate environment to discuss current topics in molecular biology and pathogenesis of Chagas disease and other neglected diseases, searching for common interests, giving the opportunity to promote collaborations among groups from different countries of South America, and increasing the chances for emerging innovation in this field.

In 2022, the IX version of this symposium and course will be performed at Universidad de Antioquia, Medellín, Colombia. This year, the emphasis will be focused on the genome, transcriptome, proteome, metabolome, and functional genomics, as well as on relevant aspects of the cell biology of Trypanosomatids, all involved in host-pathogen interactions. In addition, the course will provide practical training, including genomic edition using the CRISPR-Cas9 system, molecular and cellular biology methods, and bioinformatic analysis of genomes and transcriptomes.

I would like to highlight the participation of professors from different countries (Argentina, Brazil, Chile, Spain, Mexico, Colombia, Uruguay, and Venezuela). Moreover, we will have students from different countries, who were supported mainly by UNU-BIOLAC. This year, we want to thank to Grupo La Rabida for supporting most professors, and other companies such as INNOVALAB, ISLA, NOVAVENTA, Post-graduate Biology Program, CODI, and Corporación de Patologías Tropicales for the help during all the organization.

Finally, this meeting is an excellent opportunity to create the Latin American Network in Molecular Biology of Chagas Disease.

Omar Triana Chávez

Professor, Grupo de Biología y Control de Enfermedades Tropicales, BCEI, Instituto de Biología, Universidad de Antioquia, Medellín, Colombia

ORGANIZERS

Professor Omar Triana Chávez and Dra. Ana María Mejía Jaramillo, Grupo de Biología y Control de Enfermedades Tropicales, BCEI, Instituto de Biología, Universidad de Antioquia, Medellín, Colombia

SPEAKERS

Argentina

Dra. Karina Gómez. Instituto de Investigaciones en Ingeniería Genética y Biología Molecular "Dr Héctor Torres, Buenos Aires.

Dr. Guillermo Alonso. Instituto de Investigaciones en Ingeniería Genética y Biología Molecular "Dr Héctor Torres, Buenos Aires.

Dr. Alejandro Schijman. Instituto de Investigaciones en Ingeniería Genética y Biología Molecular "Dr Héctor Torres, Buenos Aires.

Dr. Esteban Carlos Serra. Instituto de Biología Molecular de Rosario, UNR, Rosario.

Brazil

Dra. María Carolina Elias. Instituto Butantan, Sao Paulo.

Dra. Julia Pinheiro Chagas. Instituto Butantan, Sao Paulo.

Dra. Andrea Ávila. Instituto Carlos Chagas Fiocruz-Paraná, Curitiba.

Dr. Carlos Renato Machado. Universidad de Minas Gerais, Belo Horizonte.

Dr. Sergio Schenkman. Universidad Federal de Sao Paulo.

Chile

Dra. Ulrike Kemmerling. Universidad de Chile.

Colombia

Dra. Ana María Mejía Jaramillo. Universidad de Antioquia, Medellín.

Dra. Paola García Huertas. Instituto Colombiano de Medicina Tropical, CES, Medellín.

Dra. Claudia Cuervo. Facultad de Ciencias Pontificia Universidad Javeriana, Bogotá.

Dr. Geysson Fernández. Universidad de Antioquia, Medellín. **Dr. Jair Téllez.** Universidad Nacional de Colombia, Bogotá.

Dr. Daniel Urrea. Universidad del Tolima, Ibagué.

España

Dr. Antonio Osuna Carrillo. Departamento de Parasitología, Facultad de Ciencias, Universidad de Granada.

México

Dra. Emma Saavedra. Departamento de Bioquímica, Instituto Nacional de Cardiología Ignacio Chávez.

Dra. Zinnia Molina. Universidad Nuevo León.

Uruguay

Dra. Adriana Magdalena Parodi. Instituto Pasteur and Universidad de la República, Montevideo.

Dr. Fernando Gustavo Álvarez Valín. Universidad de la República, Montevideo.

Dr. Carlos Alberto Robello. Instituto Pasteur, Montevideo.

Venezuela

Dr. José Luis Ramírez. Instituto de Estudios Avanzados, Caracas.

SPONSORS



UNITED NATIONS
UNIVERSITY



GRUPO DE UNIVERSIDADES
IBEROAMERICANAS
LA RÁBIDA

UNU-BIOLAC
Programme for Biotechnology in
Latin America and the Caribbean

un
i Universidad
Internacional
de Andalucía
A



INNOVALAB



novaventa