

VIII Curso Internacional de Biología Molecular de Tripanosomátidos
VIII Simposio Internacional de Biología Molecular de la Enfermedad de Chagas

November 22
Monday AM

Sesión	Time	Activity	Expositor
1	9:00-9:30 (UTC-4)	Wellcome Course introduction	Dra Ulrike Kemmerling , Universidad de Chile Dr José Luis Ramirez , Instituto de Estudios Avanzados, Caracas, Venezuela
2	9:30-10:30	Structure and Cell Biology of trypanosomatids	Dra Ulrike Kemmerling , Universidad de Chile
3	10:30-11:30	Nuclear and chromatin structure of Trypanosomatids.	Dr Sergio Schenkman , Universidad Federal de Sao Paulo, Brasil.
	11:30-11:45	Break	
4	11:45-12:45	Genome of tripanosomatids. Comparative genomics	Dr. Fernando Gustavo Álvarez Valín. Universidad de la Republica, Uruguay.
5	12:45-13:45	Structure and function of telomeres in trypanosomatids.	Dr José Luis Ramírez , Instituto de Estudios Avanzados, Caracas, Venezuela

Monday PM

Time	Activity	Expositors
14:30-15:30	Students short presentations	Selected Course students
15:30-17:00	Workshops <ul style="list-style-type: none"> • W1: Diseño de Primers (día 1) • W2: Citometría de flujo (día 1) • W3: Cultivos celulares y tisulares 	Alejandro Schijman Arturo Muñoz Karina Gómez Fátima Ferragut Ana Liempi

November 23

Tuesday AM

	Time	Activity	Expositor
6	8:30-9:30	Genomic analysis and gene expression in trypanosomatids.	Dr. Carlos Alberto Robello Instituto Pasteur, Montevideo, Uruguay
7	9:30-10:30	Cell cycle and DNA replication in trypanosomatids.	María Carolina Elias Instituto Butantan, Sao Paulo, Brasil
	10:30-10:45	Break	
8	10:45-11:45	DNA repair in trypanosomatids.	Dr. Carlos Renato Machado Universidad de Minas Gerais, Belo Horizonte, Brasil
9	11:45-12:45	Transcription in trypanosomatids.	Dr. Esteban Carlos Serra, Instituto de Biología Molecular de Rosario, UNR, Argentina
10	12:45-13:45	Traduction in trypanosomatids.	Dr. Sergio Schenkman, Universidad Federal de Sao Paulo, Brasil.

Tuesday PM

Time	Activity	Expositors
14:30-15:30	Students short presentations	Selected Course students
15:30-17:00	Workshops <ul style="list-style-type: none"> • W1: Diseño de Primers (día 2) • W2: Citometría de flujo (día 2) • W4: Diseño compuestos anti-trypanocidas 	Alejandro Schijman Arturo Muñoz Karina Gómez Fátima Ferragut Mauricio Moncada

November 24
Wednesday AM

	Time	Activity	Expositor
11	8:30-9:30	Molecular typing and classification of trypanosomatids	Dr. Alejandro Schijman Instituto de Investigaciones en Ingeniería Genética y Biología Molecular "Dr Héctor Torres", Argentina
12	9:30-10:30	Signal transduction in trypanosomatids	Dr. Guillermo Alonso Instituto de Investigaciones en Ingeniería Genética y Biología Molecular "Dr Héctor Torres", Argentina
	10:30-11:00	Break	
13	10:45-11:45	Host-parasite interactions: Cell Invasion of <i>Trypanosoma cruzi</i> and Leishmania sp.	Dra. Adriana Parodi Universidad de la Republica, Uruguay. Instituto Pasteur de Montevideo, Uruguay
14	11:45-12:45	Host-trypanosome interactions: Immune response against trypanosomatids	Dra Karina Gómez Instituto de Investigaciones en Ingeniería Genética y Biología Molecular "Dr Héctor Torres", Argentina
15	12:45-13:45	Small RNAs in tripanosomatids	Dr. Carlos Alberto Robello Instituto Pasteur, Montevideo, Uruguay

Wednesday PM

Time	Activity	Expositors
14:30-15:30	Students short presentations	Selected Course students
15:30-17:00	Workshops <ul style="list-style-type: none"> • W1: Diseño de Primers (día 1) (se repite el workshop de lunes y martes) • W5: Análisis de imágenes (día 1) • W3: Cultivos celulares y tisulares (se repite el workshop del día lunes) 	Alejandro Schijman Arturo Muñoz Mauricio Cerda Ana Liempi

November 25
Thursday AM

	Time	Activity	Expositor
16	8:30-9:30	Regulation of gene expression in trypanosomatids	Dra. Andrea Ávila Instituto Carlos Chagas Fiocruz-Paraná, Curitiba, Brasil.
17	9:30-10:30	Host-trypanosome interactions: Tissue invasión of tripanosomatids	Dr. Christian Castillo Universidad de Chile
	10:30-11:00	Break	
18	11:00-11:45	Metabolism in trypanosomatids	Dr. Wilfredo Quiñones Universidad de los Andes, Mérida, Venezuela
19	11:45-12:30	Drug resistance mechanisms in trypanosomatids: Detoxification systems in trypanosomatids	Dr. Juan Diego Maya Universidad de Chile.
20	12:30-13:15	Drug resistance mechanisms in trypanomatids: Genome plasticity	Dr. Omar Triana Universidad de Antioquia, Medellín, Colombia
21	13:15-14:00	Students short presentations	Selected Course students

Thursday PM

Time	Activity	Expositors
14:30-15:30	Development of anti-trypanosomatid agents	Dr. Claudio Olea Azar Universidad de Chile
15:30-17:00	Workshops <ul style="list-style-type: none"> • W1: Diseño de Primers (día 2) (se repite el workshop de lunes y martes) • W5: Análisis de imágenes (día 2) • W4: Diseño de compuestos anti-trypanocidas (se repite workshop del día martes) 	Alejandro Schijman Arturo Muñoz Mauricio Cerda Mauricio Moncada

November 26
Friday
Symposium

Session	Time	Activity	Expositor
22	8:30-9:00	Chagas disease at the medical praxis	Ariane Hernández
	9:00-9:30	Signaling and adaptive mechanisms in trypanosomatids: a possible Achilles heel in the fight against trypanosomiasis.	Guillermo Alonso
	9:30-10:00	<i>Trypanosoma cruzi</i> infection follow-up in a sylvatic vector of Chagas disease: Comparing early and late-stage nymphs	Aldo Solari
	10:00-10:30	BREAK	
23	10:30-11:00	Especificidad de células T en la infección por <i>T. cruzi</i>	Karina Gómez
	11:00-11:30	Parallel processes of adaption to anaerobic lifestyle in African trypanosomes imported in the Americas	Fernando Alvarez
	11:30-12:00	Modifying host factors as an approach to Chagas disease therapy	Juan Diego Maya
	12:00-12:30	BREAK	
24	12:30- 13:00	Uncovering novel components of an interactive protein network supporting RNA export in trypanosomes	Andrea Avila
	13:00-13:30	Mechanisms of resistance to benznidazole in Colombian <i>Trypanosoma cruzi</i> strains	Omar Triana

	Time	Activity	Expositor
25	14:30-15:00	Amino acids and bioenergetics in <i>Trypanosoma cruzi</i> : three ways of 'charging batteries'	Ariel Silber
	15:00-15:30	Sex in <i>Trypanosoma cruzi</i> : a simple fusion or an alternative meiotic process?	Carlos Renato Machado
	15:30-16:00	Organización del genoma de <i>Trypanosoma cruzi</i>	Carlos Robello
	16:00-16:30	BREAK	
26	16:30-17:00	3D cultures: A tool for preclinic studies of new trypanocide compounds	Ana Liempi
	17:00-17:30	Inhibitors of <i>Trypanosoma cruzi</i> bromodomains 2 and 3 with trypanocidal activity.	Esteban Serra