



“International Cooperation for Building Bioimaging Capacities in Latin America”

Piso 19 - Hospital de Clínicas. Av. Italia s/n. Montevideo, Uruguay

12-13th September 2022

Program

(Times correspond to UTC-3 UYT- Uruguay Time)

Day 1: Monday 12nd of September

09:00 - 10:00 Registration (South Hall - 19th floor HC)

Session I: Building Capacities in Bioimaging: the role of International Cooperation, Networking and community building (Salón Surraco)

10:00 - 10:45 Welcoming from organizing members and authorities
UruMex Project, a binational cooperation project with regional impact.
Andrés Kamaid, Leonel Malacrida and Chris Wood

Alvaro Villar *Director. Hospital de Clínicas Manuel Quintela. Universidad de la República (Udelar), Uruguay.*

Rodrigo Arim *Rector. Universidad de la República (Udelar), Uruguay.*

Carlos Batthyany *Executive Director. Institut Pasteur de Montevideo (IPMon)*

Laura Palomares Aguilera *Director. Instituto de Biotecnología. Universidad Nacional Autónoma de México (IBT-UNAM).*

Claudia Romano *Manager, Agencia Uruguaya de Cooperación Internacional (AUCI), Presidencia de la República, Uruguay.*

María Guadalupe Andrade *Cooperación Sur-Sur y Alianza del Pacífico, Agencia Mexicana de Cooperación Internacional para el Desarrollo (AMEXCID), México.*

Round table: The role of networks and communities for building capacities in Bioimaging. Moderator: *Andrés Kamaid, Institut Pasteur de Montevideo*

(Salón Surraco) (10 min. talks plus final 15 min discussion)

- 10:45 - 10:55 **Jerson Lima.** *Presidente. Fundação Carlos Chagas Filho de Amparo à Pesquisa do Estado do Rio de Janeiro (FAPERJ), Brasil.*
(remote)
- 10:55 - 11:05 **Julieta Cortina.** *Directora. Dirección Nacional de Planificación de Recursos Físicos. Ministerio de Ciencia y Tecnología, Argentina*
(remote)
- 11:05 - 11:15 **Antje Keppler.** *Section Director, Euro-BioImaging Bio-Hub, Global Bioimaging.*
(in person)
- 11:15 - 11:25 **Vladimir Ghukasyan.** *Program Lead, Imaging Community, Chan Zuckerberg Initiative.*
(in person)
- 11:25 - 11:45 General discussion and concluding remarks

Introducción - Claire Brown

11:45 - 12:30 PLENARY LECTURE

From Biophysics to Imaging Platforms to International Networks

Special Invited Speaker: **Claire Brown.**

Advanced BioImaging Facility (ABIF), McGill University. Canada.

President, Canadian Network of Scientific Platforms and Canada BioImaging.

Canadian representative for Global BioImaging and Co-Chair of BioImaging North America.

(in person)

12:30 - 13:45 Lunch

Session II: Establishing LABI as a new network in the Latin America and global context

(Salón Surraco)

- 13:45 - 14:00 Introduction to the session and presentation of the work and proposal from Working Group LABI Governance. **Lía Pietrasanta.**
(in person)

Round Table: LABI integration with regional and international organizations.

Moderator: Chris Wood. UNAM, Mexico.

- 14:00 - 14:10 **Kildare Miranda.** Presidente, CIASEM
(in person)
- 14:10 - 14:20 **Francisco Capani.** Presidente, Sociedad Argentina de Microscopía.
(in person)
- 14:20 - 14:30 **Marco Guimarães.** Presidente, Sociedade Brasileira de Microscopia e
Microanálise.
(in person)
- 14:30 - 14:40 **Caron Jacobs.** African Bioimaging Consortium.
(in person)
- 14:40 - 15:00 General Discussion and concluding remarks
- 15:00 - 17:00 **Coffee Break/refreshment and Poster session:**
Latin America Bioimaging Resources:
Core facilities / Imaging groups / Programs / Projects / CZI funded projects.

2: Tuesday 13th of September

09:00 – 09:10 Welcome and opening

(Salon Surraco) **Focus on the people: Latin American Imaging Scientists.**

Kildare Miranda, LABI

(in person)

Session III: Latin American imaging scientists stories in the region and around the globe

Coordinator: Kildare Miranda

09:10 - 09:20 **Mariana De Niz.** Institut Pasteur, Paris, France.
(in person)

09:20 - 09:30 **Diego Szczupak.**
Department of Neurobiology, University of Pittsburg, United States
(in person)

09:30 - 09:40 **Lucía Lopez.**
Centro de Investigaciones en Bionanociencias, Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET), Argentina
(in person)

09:40 - 09:50 **Pablo Loza-Alvarez.** Instituto de Ciencias Fotónicas, Barcelona, España-
(remote)

09:50 - 10:00 **Moara Lemos.** Institut Pasteur, Paris, France.
(remote)

10:00 - 10:15 General discussion and concluding remarks

10:15 - 10:45 Coffee break

Interactive Session: Challenges and opportunities for LABI actions

(Academic Rooms)

10:45 - 11:25 Small group discussions (Rooms - all in person)

- 1) Career paths
- 2) Staff Imaging Scientists and its place in current evaluation systems
- 3) Gender equity and minorities
- 4) Cooperation for Open science initiatives
- 5) Integration and cooperation with the diaspora

11:25 - 12:00 General discussion and conclusions

(Salón Surraco)

12:00 - 12:45 PLENARY LECTURE

Surpassing the sub-10 nm resolution limit in fluorescence nanoscopy

*Invited Speaker: **Fernando Stefani***

Center for Bionanoscience Research (CIBION), National Scientific and Technical Research Council (CONICET).

Physics Department, Faculty of Exact and Natural Sciences, University of Buenos Aires (UBA)

(remote)

12:45 - 14:00 Lunch

Session IV: Bioimaging Education and Training opportunities in Latin America

*Coordinator: **Hernandes Carvalho***

14:00 - 14:10 Presentation of LABI Working Group “Training and education”

Hernandes Carvalho

(in person)

14:10 - 14:20 Regional initiatives: **Kildare Miranda** (UFRJ)

(in person)

14:20 - 14:30 Regional initiatives: **Hernán Grecco** (UBA)

(in person)

14:30 - 14:40 International initiatives: **Kerry Thompson** (NUI).

(remote)

14:40 - 14:50 International initiatives: **Gleb Grebnev** (GBI)

(in person)

14:50 - 15:00 Latin America Bioimaging actions for the next three years

Andrés Kamaid - LABI

(in person)

15:00 - 15:15 General discussion and concluding remarks

15:15 - 15:45 *In memoriam* Luis Bagatolli (30 min)

Coordinator: Leonel Malacrida.

(in person, with remote invited people)

15:45 - 16:15 Coffee Break

16:15 - 17:00 **LABI general asamblea**

20:00 Closing Dinner - Fun-Fun.*

*With the support from Zeiss