

# IUIS Education

until 1/2022:  
18 members

**Dieter Kabelitz (GERMANY) Chair**  
**Clive Gray (SOUTH AFRICA) Vice-Chair**  
**Rosana Pelayo (MEXICO) Vice-Chair**  
**Michelle Letarte (CANADA) Past-Chair**  
**Ridha Barbouche (TUNISIA)**  
**Gail Bishop (USA)**  
**Maria Roso Bono (CHILE)**  
**Olivier Boyer (FRANCE)**  
**Shubhada V. Chiplunkar (INDIA)**  
**Guillermo Docena (ARGENTINA)**  
**Luis Fernando Garcia (COLOMBIA)**  
**Bo Huang (CHINA)**  
**J. Alejandro Lopez (AUSTRALIA)**  
**Mehrnaz Mesdaghi (IRAN)**  
**Lucy Ochola (KENYA)**  
**Hanne Ostergaard (CANADA)**  
**Angela Santoni (ITALY)**  
**Tim Sparwasser (GERMANY)**

# IUIS Education

currently:  
15 members

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**Tim Sparwasser (GERMANY)**  
**Gloria Vasquez (COLOMBIA)**

**Further rotation to be expected following results of IUIS Council election**

- Organize IUIS-regional workshops in Africa (FAIS), Latin America (ALACI), and Asia-Oceania (FIMSA) (on-site/virtual/hybrid)
- Provide travel awards for students from low and low-to-middle income countries to participate in established courses (AAI, DGfI)
- Expand our online Education activities and its geographical impact
- Expand Immunopaedia as a tool for Immunology Education (→ Subcommittee Immunopaedia)

**Vision: „Immunology Education without Borders“**

- Educational session during ALACI meeting in Cuba June 6th to 10th
- 2-day FACS course organized by Benin Society for Immunology (September 1<sup>st</sup>/2<sup>nd</sup>)
- Hybrid course Immuno-Argentina September 5<sup>th</sup> to 9<sup>th</sup>
- In-person course Immuno-Zambia December 5<sup>th</sup> to 9<sup>th</sup>
- Educational session (1-day pre-conference course) during 49<sup>th</sup> meeting of Indian Society of Immunology, Chandigarh, November 23<sup>rd</sup>
- Reaching out for sustained external support (BMGF)
- Planning courses for 2023 and beyond: Bids sent to FAIS and ALACI
- Virtual EDU Committee meeting on October 28<sup>th</sup>

# IUIS-ALACI-Immunopaedia COURSE on Abstract writing, poster and oral presentation skills (held during 13<sup>th</sup> ALACI meeting).

**Faculty: Luis Garcia, Gloria Vasquez, Guillermo Docena, Rosana Pelayo, Michael Schnoor, Jeroen Bogie, Clive Gray**



EDUCATION COMMITTEE (EDU)  
*Mandated to help organizing Immunology courses in the developing world*

**Immunology**  
*without Borders*





# EDU activities 2022





## IUIS-BIS joint workshop on flow cytometry: From basic principles to research applications

**SEPTEMBER 01-02, 2022**

**Deadline for registration: July 27, 2022**

**Faculty:**

- Claude Lambert (CHU St Etienne, France)
- Fabien Prod'homme (TUM, Germany, Benin)
- Léonce Kouakanou (COH, USA, Benin)
- Darius Sossou (IRD, France, Benin)
- Tomabu Adjibimey (UAC, Benin)

**What you will learn:**

- Principles of Flow Cytometry
- Usage and quality control
- Flow data analysis using FlowJo
- And so much more...

**Participant profile:**

- West African
- Interested in immunology
- Interested in flow cytometry

**Venue:**  
University of Abomey-Calavi (Benin)

**How to apply:**  
Send the following documents to [benin\\_immunology\\_society@outlook.com](mailto:benin_immunology_society@outlook.com):

- CV with contact details
- Motivation letter

Workshop language: English

**Travel and accommodation covered by EDU/IUIS**



Immunological memory is the hallmark of the immune system and the basis for vaccination. The goal of a successful vaccine is to induce long-term protective immunity.

This hybrid course will focus on integrating current knowledge on the cellular and molecular protagonists involved in the induction of long-term immunity.

**All selected participants must complete an online pre-course on the Immunopaedia website starting the week of July 18.**

#### REQUIREMENTS TO APPLY:

This 5-day course is open to graduate students enrolled in academic PhD programs and young postdocs engaged in research in the areas of fundamental, applied and clinical immunology.

The candidates should have sufficient scientific background and comprehension of English to benefit maximally.

Participation is planned as follows:

- 20 students from Córdoba,
- 10 from the rest of Argentina and
- 5 from Latin and Caribbean America

#### Will be on-site

- 15 students from outside Argentina will join

#### Online via Zoom

Students will be selected based on their academic performance and gender distribution.

Selected students from outside Córdoba and attending the on-site course will receive a scholarship from IUIS for travel expenses and accommodation.

#### Please apply here:

<https://www.immunopaedia.org.za/course-registrations/immuno-argentina-2022>

**Deadline for application: June 15, 2022**

**Dates: September 5-9, 2022**

**Location: Córdoba, Argentina**

**Venue: Facultad de Ciencias Químicas  
Universidad Nacional de Córdoba**

#### LOCAL ORGANIZERS:

**Adriana Gruppi, Carolina Montes, Eva Acosta Rodríguez, María Carolina Amezcua Vesely**  
(Facultad de Ciencias Químicas-UNC, CIBICI-CONICET, Córdoba, Argentina)

#### INTERNATIONAL ORGANIZERS:

**Dieter Kabelitz** (University of Kiel, Germany)  
**Michelle Letarte** (University of Toronto, Canada)  
**Clive Gray** (Stellenbosch University, South Africa)  
**Rosana Pelayo** (Mexican Institute for Social Security, Mexico)

#### SPEAKERS:

**Luciana Berod** (Institute of Molecular Medicine, University Hospital, Johannes Gutenberg University Mainz, Germany)  
**Fátima Ribeiro Dias** (Instituto de Patologia Tropical e Saúde Pública, Universidade Federal de Goiás, Brazil)  
**Mercedes Fuertes** (IBYME – CONICET, Buenos Aires, Argentina)  
**Gloria Vásquez** (Universidad de Antioquia, Colombia)  
**Hans Martin Jäck** (Division of Molecular Immunology, University of Erlangen, Germany)  
**Dieter Kabelitz** (University of Kiel, Germany)  
**Ralf Küppers** (Institute of Cell Biology, Faculty of Medicine-University of Duisburg-Essen, Germany)  
**Belkys Maletto** (UNC, CIBICI-CONICET, Argentina)  
**Hanne Ostergaard** (Department of Medical Microbiology & Immunology, University of Alberta, Canada)  
**Marina Sandra Palermo** (Academia Nacional de Medicina – CABA, Argentina)  
**Tim Sparwasser** (Institute for Medical Microbiology and Hygiene, University Mainz, Germany)  
**Jimena Tosello** (Curie Institute, Paris, France)  
**Carolina Amezcua Vesely** (UNC, CIBICI-CONICET, Córdoba, Argentina)  
**Elina Zuniga** (Division of Biological Sciences, University of California San Diego, USA)



# EDU activities 2022



**Dates: 5 – 9<sup>th</sup> December 2022**

## ABOUT THE COURSE

The course will be on: Advanced immunology of the “BIG FOUR” (COVID-19, HIV, TB and Malaria) infectious diseases, 50 post-graduate students (Masters, PhD and post-doctoral fellows) drawn from Africa and beyond will be selected. More than 20 eminent scientists will lead the course. Our goal is to provide high quality immunology training and bring together African students and potential mentors to promote career progression of young African scientists.

All selected participants must complete an online pre-course on the Immunopaedia website starting the week of October 24, 2022.

## REQUIREMENTS TO APPLY

This 5-day course is open to graduate students enrolled in academic PhD programs and young postdocs engaged in Immunology related research projects.

- The candidates should have some level of research experience to benefit maximally.
- The course has 20 slots for students from the host country Zambia and 30 slots for international students. Female scientists are encouraged to apply.
- Students will be selected based on the quality of the abstract, track record of research output and academic excellence.
- There is a registration fee of \$50 US.
- Selected students will receive partial or full funding to cover registration, accommodation and travel expenses.
- Applicants are encouraged to apply for other sources of funding as the budget is limited.
- Successful candidates will be notified September 12.

Please apply here:  
<https://www.immunopaedia.org.za/course-registrations/immuno-zambia-2022>

Deadline for application: 15 August 2022

## LOCAL ORGANIZERS

**Zaza Ndhlovu:** Africa Health Research Institute (AHRI), RSA; Ragon Institute of MGH, MIT & Harvard, USA  
**William Kilembe:** Center for Family Health Research in Zambia (CFHRZ)  
**Sody Munsanka:** University of Zambia  
On behalf of the ISZ executive committee.

## INTERNATIONAL ORGANIZERS

**Dieter Kabelitz:** University of Kiel, Germany  
**Michelle Letarte:** University of Toronto, Canada  
**Clive Gray:** Stellenbosch University, RSA  
**Rosana Pelayo:** Mexican Institute for Social Security (IMSS), Delegación Puebla, Mexico

## FACULTY

**Azza Idris Hussen,** Vaccine Research Center/NIH; Ragon Institute, USA  
**Cathrine Scheepers,** National Institute for Communicable Diseases, RSA  
**Clive Gray,** Stellenbosch University, RSA  
**Dieter Kabelitz,** University of Kiel, Germany  
**Eunice Nduati,** KEMRI Wellcome Trust, Kenya  
**Jackson Marakalala,** AHRI, RSA  
**Kelly McNagny,** University of British Columbia, Canada  
**Kondwani Jambo,** MLW Clinical Research Programme, Malawi  
**Lishomwa Ndhlovu,** Cornell Medical School, USA  
**Manuel Ritter,** IMMIP, University Hospital Bonn, Germany  
**Michelle Letarte,** SickKids & University of Toronto, Canada  
**Izukanji Sikazwe,** CIDRZ, Zambia  
**Monde Muyoyeta,** CIDRZ, Zambia  
**Rosana Pelayo,** IMSS Delegación Puebla, Mexico  
**Sam Kinyanjui,** IDeAL and KEMRI, Kenya  
**Thumbi Ndung'u,** AHRI, RSA  
**Pierre Miossec,** University Claude Bernard, Lyon, France  
**Wendy Burgers,** University of Cape Town, RSA  
**William Horsnell,** University of Cape Town, RSA  
**William Kilembe,** CFHRZ, Zambia  
**Yanet Valdez,** University of British Columbia, Canada  
**Zaza Ndhlovu,** AHRI, RSA

Reaching out for external support:

10,000 EUR Lava Therapeutics (Argentina)  
20,000 EUR BioNTec (Zambia)

Letter-of-intent sent to  
Bill-and Melinda-Gates Foundation

## Opportunities

- Continue to provide focused training in immunology in regions where young researchers do not have easy access to such knowledge (LMIC)
- Provide training in „soft skills“ (how to write a CV, a fellowship application, a grant proposal; how to prepare a presentation, etc.)
- Establish long-term mentorships (e.g., Immunopaedia ambassadors)
- Further develop Immunopaedia as the central (and only) on-line platform to support all IUIS-EDU teaching activities: expand Immunopaedia Sub-Committee

## Challenges

- Flexibility in terms of format (in-person, virtual, hybrid)
- Secure external funds (average costs of an in-person course with full travel fellowships for students ca. 80,000 USD of which 20,000 USD plus 10,000 USD for Immunopaedia SC are provided by EDU/IUIS)



### **Courses 2023:**

- India (October 2nd to 6th; Epigenetics of immune response)
- Chile (November): Mucosal immunity
- South Africa (Pretoria; December before ICI Cape Town)
- Morocco (September)

### **Expand Immunopaedia platform (IP Subcommittee):**

- Complete logistics (on-line advertisement, application, selection, communication with faculty/students, on-line pre-course)
- Expand on content (update, videos, etc)
- Collaboration with existing on-line lecture platforms (e.g., Henry-Stewart Group)

### **To be included in all future courses:**

- Sessions on equity, diversity, inclusion (EDI);
- scientific integrity, how to recognize misinformation

### **Establish „IUIS-EDU Regional School of Immunology“**

- IUIS EDU „courses“, „workshops“ and „educational activities“ to be integrated into a unifying concept of „IUIS-EDU Regional School of Immunology“
- Additional fellowships provided by EDU to attend AAI Schools, DGfI Spring School, etc. to be integrated into this concept
- Format of future „courses“ as part of the Regional School concept may vary and may include both in-person and hybrid courses, under certain conditions also on-line only.