

IUIS Education

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Current EDU Committee members: 18

Gender and geographical balance: 9 female, 9 male

Latin America (ALACI): 4

Africa (FAIS): 3

Asia-Oceania (FIMSA): 4

Europe (EFIS): 4

US/Canada: 3

Upcoming leadership rotation (approved by IUIS in Beijing):

- DK took over chair in 1/2018 → will serve until 12/2022
- CG (current Vice-Chair) will take over chair in 1/2023
- RP (current Vice-Chair) will take over chair in 1/2026
- ML (current Past-Chair) will serve until 12/2022
- DK will serve as Past-Chair from 1/2023 until 12/2025

- 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

Vision: „Immunology Education without Borders“

EDU 2021 ACTIVITIES: “Regional” Courses



IUIS-ALACI-ACAAI IMMUNO-COLOMBIA (online)

“Mechanisms and Approaches to Immunotherapy for Cancer and Chronic Inflammatory Diseases”

Mornings of April 5 – 16, 2021

IUIS-FAIS-STI IMMUNO-TUNISIA (hybrid-flexible)

“Immune Dysregulation and Infection”

December 6 – 10, 2021; 25 Tunisian students in Hammamet and 20 International students on line.

- Obligatory on-line pre-courses (Immunopaedia) with multiple choice questions
- Immuno-Colombia: „Research projects“ worked out by students in groups of 5/6 under the guidance of a Faculty member during 3 weeks after course, with subsequent presentation and award for the two best groups
- Immuno-Tunisia: Selection of best short talks by students with prize awards; Round Table Discussions on „Science Education 2030“

IMMUNO-TUNISIA 2021

IMMUNE DYSREGULATION AND INFECTION



Course aims and objectives:

- To delineate the cellular and molecular mechanisms of immune responses to infections.
- To discuss the strategies developed by pathogens to evade immune responses.
- To learn from the models of Inborn errors of immunity the critical pathways involved in genetic susceptibility to infections.
- To get acquainted with the contribution of the infectious agents to emergence of cancers and autoimmune diseases
- To address development of new vaccines and innovative therapeutic strategies in light of the interactions between the immune system and microorganisms.

Requirements to apply:

This 5-day course is open to MSc and PhD students, post-doctoral fellows, physicians, and scientists in the early stages of their careers. Applicants will mostly be from Africa.

Note:

- **Stable internet is a pre-requisite.**
- **All course activities will be in English.**
- **An Online pre-course on www.immunopaedia.org.za is mandatory 4 weeks before Immuno-Tunisia**
- **Priority will be given to African applicants; a limited number of international applicants will be accepted.**

Save the date!

Application deadline: 8 October 2021

Date of event: 6-10 December 2021

Location (Hybrid-Flexible event)

**Onsite (Hammamet, Tunisia)
for Tunisian participants**

Online for international participants

To apply, please visit:

<https://www.immunopaedia.org.za/course-registrations/immuno-tunisia-2021>

Faculty:

Abdallah Badou, Morocco
Ridha Barbouche, Tunisia (IUIS EDU-committee)
Brahim Belaid, Algeria
Melika Ben Ahmed, Tunisia
Amel Benammar-Elgaaied, Tunisia
Pierre Busson, France
Nadine Cerf-Bensussan, France
Shubhada Chiplunkar, India (IUIS EDU-committee)
Koussay Dellagi, France
Alain Fisher, France
Clive Gray, South Africa (IUIS EDU-committee)
Fatma Guerfali, Tunisia
Steven Holland, USA
Dieter Kabelitz, Germany (Chair, IUIS EDU-committee)
Martin Kriegel, Germany
Yu Lung Lau, China
Michelle Letarte, Canada (IUIS EDU-committee)
Myriam Merad, USA
Hanne Ostergaard, Canada (IUIS EDU-committee)
Rosana Pelayo, Mexico (IUIS EDU-committee)
Maryam Sellami, Tunisia
Gloria Vasquez, Colombia

Local Organizers:

Ridha Barbouche (Chair); Melika Ben Ahmed; Amel Benammar-Elgaaied; Imen Ben Mustapha; Karim Bougatef; Tarek Dhaouadi; Sawsan Feki; Asma Gati; Yosr Gorgi; Lilia Laadhar; Hatem Masmoudi

AGENDA FOR STUDENT HYBRID-FLEXIBLE ACTIVITIES



Education
2030

ASSAY: IMMUNOLOGY EDUCATION IN 2030

Individual activity for all students

❖ 50-100 word essay reflecting your vision about teaching Immunology in 2030 and its impact on global challenges (SDGs)

December 6



**E-POSTER
SESSION
AND WORK
PRESENTATION**

1

December 7



EDUCATION 2030 DISCUSSION PANEL 1

Immunology Teaching in 2030

Questions: Can you suggest innovative approaches for the teaching of a) basic immunology? b) translation from basic to applied immunology? c) clinical immunology? d) global access to new immunological knowledge? Will Open Science & Education promote equal development?

Suggested panelists:

Dieter Kabelitz, Ridha Barbouche, Clive Gray, Hanne Ostergaard, Gloria Vasquez

December 8



**E-POSTER
SESSION
AND WORK
PRESENTATION**

2

December 9



EDUCATION 2030 DISCUSSION PANEL 2

Equal Access to New Discoveries

Questions: a) How to improve international cooperation? Describe how Data Science can help? How to ensure sharing of resources between all countries? How to reach remote areas to provide access to vaccines and immunotherapies?

Suggested panelists:

Faith Ossier or Miriam Merad, Amel Benammar-Elgaaïed, Melika Ben Ahmed

EDU 2021 ACTIVITIES: The impact of Covid-19

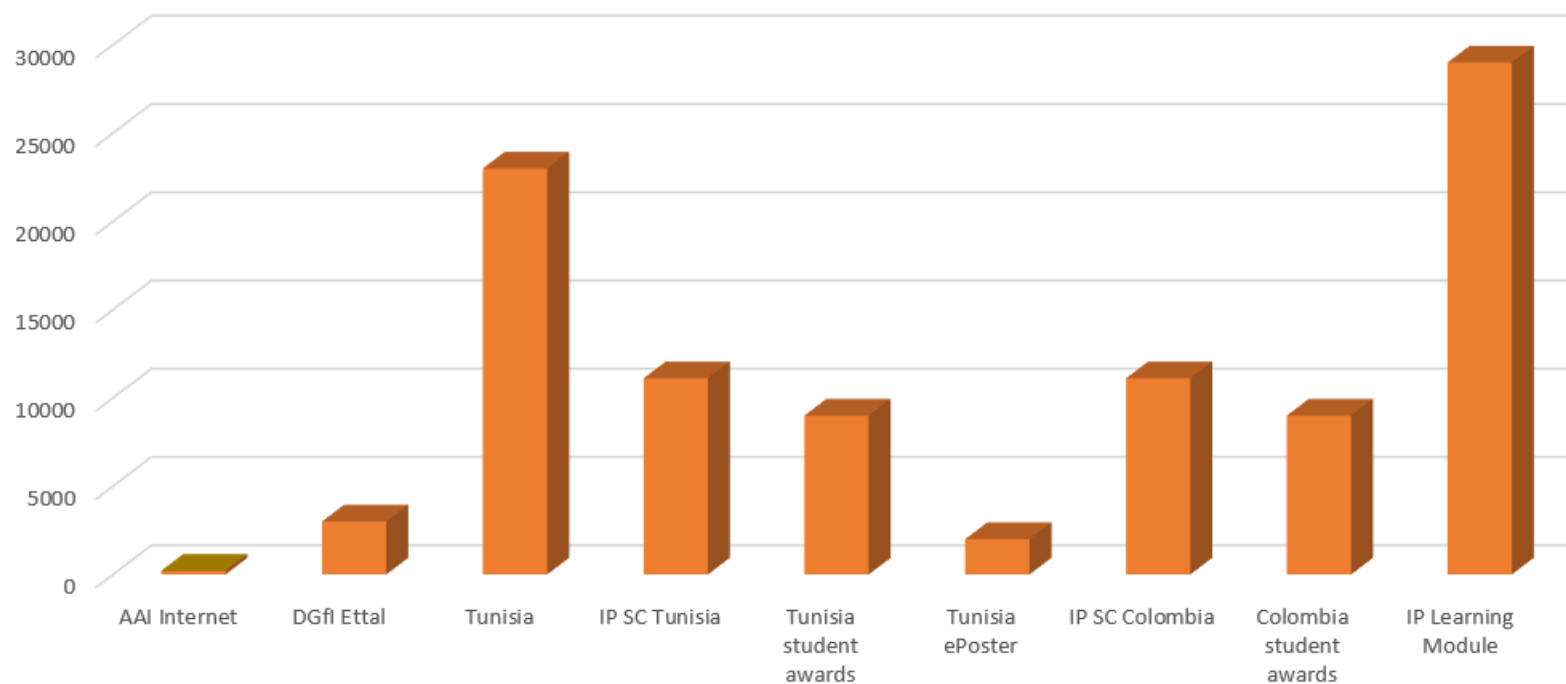


- **Last in-person course: IUIS-FAIS IMMUNO-ETHIOPIA** February 2020
“Neglected Tropical Diseases and Malaria Challenges in Sub-Saharan Africa”
 - **Need to implement on-line format: IMMUNO-ALGERIA**
“Challenge of Allergy in the Molecular Era”: June 1-12, 2020
 - **Courses planned for 2020 (ARGENTINA, CHILE) postponed to 2021....
postponed to 2022...**
 - **Travel fellowships (AAI, DGfI Spring School) not used as planned**
- Immunopaedia established as EDU Sub-Committee (approved by ExCo and Council) to meet the increasing needs for on-line handling of all course-related issues

EDU Expenses 2021



Committee Funding 2021 (USD)



IP, Immunopaedia; IP SC, Immunopaedia Sub-Committee

Courses 2022:

- Argentina (Immunological memory)
- Zambia (immune dysfunction)
- Cuba (associated with ALACI meeting)

Workshops 2022:

- Molecular Allergy (North Africa)
- Flow cytometry analysis (Benin)

Format (in-person, online, hybrid) to be decided

- Publication awards for outstanding student research presentations (cooperation with Publication Committee)

We are in a transition phase:

- The Covid-19 pandemic has a major impact on EDU activities
 - The former format of running 4-5 one-week in-person courses per year might not persist
 - Instead, online only (Algeria 2020, Colombia 2021) or – better – hybrid format (Tunisia 2021) is likely to be the regular format in the future (... beyond Covid-19)
 - The hybrid format is challenging but also offers completely new perspectives for combined in-person and remote teaching
- Future courses: „topics“ rather than „regional needs“?
(...participants from around the globe.....)