



International Union of Immunological Societies

# Committees

# IUIS Committees



**Clinical Immunology (CIC)**

**Education (EDU)**

**Nomenclature (NOM)**

**Quality Assessment and Standardization (QAS)**

**Veterinary Immunology (VIC)**

**Primary Immunodeficiency Expert (PID)**

**Gender Equality and Career Development (GEC)**


**Vaccine (VAC)**

**Immuno-therapy (ITH)**

IUIS

# Clinical Immunology





Clinical  
Immunology  
(CIC)

As discussed at the committee meeting and with the members of the IUIS board the Clinical Committee is conducting a more focussed planning. Therefore in conjunction with the 9<sup>th</sup> FAIS Conference in Nairobi the CIC organized together with Dr. Thomas Kariuki, President of FAIS, and the Educational Committee with Dr. Michelle Letarte and a number of other FAIS members a Pre-Conference Workshop for further planning and discussing a clear concept for immunology workshops in Africa.

The aim after this discussion was to set up immunology workshops, organized by both of our committees, to be held in each of the four corners of Africa every two years. Once this concept would be of the ground an application for support should be made with the Bill and Melinda Gates Foundation.

## **Committee Successes**

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**PRE-CONFERENCE WORKSHOP (November 26-30, 2014) AND 9th FAIS CONFERENCE (December 01-04, 2014)**

**Joint Course of Educational and Clinical Immunology Committee**

### **IMMUNO COLUMBIA COURSE**

**(IUIS/ALAI Workshop “Immune regulation in health and disease”, October 10-13, 2015, Medellin, Columbia)**

### **IMMUNO SOUTH AFRICA COURSE**

**(Southern African Regional FAIS/IUIS Workshop “Correlates of immune protection in HIV, TB and malaria”, October 20-24, 2015, Cape Town, SA)**

## Committee Opportunities and Challenges

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### BUDGET 2015

#### 1. “ImmunoColumbia” Course

IUIS/ALAI Workshop “Immune regulation in health and disease”  
October 10-13, 2015, Medellin, Columbia

**\$12,500**

#### 2. “ImmunoSouthAfrica” Course,

Southern African Regional FAIS/IUIS Workshop  
“Correlates of immune protection in HIV, TB and malaria”  
October 20-24, 2015, Cape Town, SA

**\$12,243**

+ Immunopaedia costs paid to UCT for Medellin and Cape Town  
Courses

### BUDGET 2016

#### 1. “ImmunoGambia” Course

FAIS/IUIS Workshop “Correlates of immune protection in HIV,  
TB and malaria”

**\$12,500**

#### 2. Workshop either in East or North Africa on similar topics

**\$12,500**

## Committee Opportunities and Challenges

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### Further Points :

- Immunopaedia as a IUIS platform for Courses (CIC, ED)
- High level specialized workshops on clinical topics:
  - HIV cure
  - Transplantation Immunology
  - Tumor Immunology
  - Autoimmunity etc

ICI Course on Clinical Immunology should generate income for CIC

# IUIS Education







Education  
(EDU)

**Mission:**

To promote training in Immunology by organizing regional courses in developing countries and sending their young scientists to established Immunology courses.

**Membership:** International, pro-active, dedicated to Education.

**Current Objectives:**

- 1) Organize IUIS regional training courses in the four corners of Africa and Latin America.
- 2) Work with IMMUNOPAEDIA to develop online pre-course modules for the regional training courses.
- 3) Apply for funding to external agencies such as Gates, Wellcome Trust, NIH, and others for funding for the regional courses.
- 4) Continue co-sponsoring attendance of students from the developing world to well recognized Immunology courses.
- 5) Rejuvenate the EDU committee membership and distribute tasks.

## EDU Committee Successes (2013 budget)



- **Fund travel awards for students from the developing world to attend courses, in co-sponsorship with** Ceppellini Advanced School of Immunology, Naples (2),
- Spring School of Immunology in Ettal (3), FiMSA 6<sup>th</sup> Congress, Singapore (5),
- FOCIS Advanced course in Basic & Clinical Immunology, Arizona (3),
- 4th SIgN-IFReC NIF Winter School 2015 on Advanced Immunology Singapore (2),
- AAI Introductory Course, Los Angeles (3), AAI Advanced Course, Boston (2).

*Total 20 students supported (\$24714)*

- **Sign a 3 way agreement between IUIS, University of Cape Town for Immunopaedia** website, and with **ICARE INC** for use of **Immunology IV** textbook (J Bellanti) for on line course modules for IUIS (EDU & CI) co-sponsored regional courses in Africa and Latin America (\$5000/course, total cost for EDU and CI).
- Interact with course organizers, Bellanti and Clive Gray (Immunopaedia) to get program, online material, Q&A, and contact and monitor students.
- **First IUIS-Latin America Regional Course “ImmunoColumbia”**, Medellin, 60 students  
“Immune Regulation in Health and Disease” Oct 10-13, *Cost to EDU \$7600*
- **First IUIS-Africa Regional Course “Immuno\_South Africa”**, Cape Town, 30 students  
“Correlates of Immune protection in HIV, TB and Malaria”, Oct 20-25 *Cost to EDU \$10,000*

- **Working with local course organizers in Africa & Latin America to develop and implement the regional courses.** Larger role of EDU committee members in course organization. **Close collaboration with Immunopaedia to make the online pre-course a success.** Should we record the courses themselves (as webinars) to increase dissemination?
- **ImmunoTunisia Course, Northern Africa, April 2016**, Ridha Barbouche (TSA)
- **ImmunoGambia Course, West Africa, June 2016**, Dieter Kabelitz (DGfl), Boubacar Maiga (SMI)
- **ImmunoKenya Course, East Africa, Dec 2016**, Faith Osier (KSA),
- **ImmunoMexico Course, Northern Latin America, Oct 2016**, Leopoldo Santos-Argumendo (MSA)
  
- ***What to do about other course requests?***
- **ICGEB Training course: “New modes of HIV prevention, vaccines and treatment”**
- **Cape Town July 2016**, prior to HIV International Meeting in Durban, course for 80-120 students. Request for \$8,000-\$10,000 by Jeff Dorfman
- *Should it be Immuno\_South Africa 2 Course?*
- **FIMSA and IIS Advanced Immunology Course in PGIMER, Chandigarh, Northern India**, 17-19 March 2016 , request for \$5000 from Sunil K Arora, course director
- **South East Europe School of Immunology, now funded for several years by IUIS**,
- **Becici Montenegro Oct 2015** , request for \$5000 by Dr Bernhard Fleischer for next year
  
- ***Increasing the budget by grant applications, co-sponsorships is the main challenge.***

Position	Name	Country	Time of mandate
Chair	<b>Michelle Letarte</b>	Canada	2006
Vice-Chair	<b>Dieter Kabelitz</b>	Germany	2014
Member	<b>Noriko Toyama-Sorimachi</b>	Japan, FIMSA	2014
Member	<b>Bo Huang</b>	China, FIMSA	2014
Candidate	<b>Shubha Chiplunkar</b>	India, FIMSA	Oct 12,2015
Candidate	<b>Clive Gray</b>	South Africa, FAIS	Oct 12,2015
Candidate	<b>Faith Osier</b>	Kenya, FAIS	Oct 12,2015
Candidate	<b>Ridha Barbouche</b>	Tunisia, FAIS	Oct 12,2015
Candidate	<b>Boubacar Maiga</b>	Mali, FAIS	Oct 12,2015
Candidate	<b>Leopoldo Santos Argumendo</b>	Mexico, ALAI	Oct 12,2015
Candidate	<b>Verônica Coelho</b>	Brazil, ALAI	Oct 12,2015
Candidate	<b>Luis Garcia</b>	Columbia, ALAI	Oct 12,2015
Candidate	<b>Maria Rosa Bono</b>	Chile, ALAI	Oct 12,2015
Candidate	<b>Guillermo Docena</b>	Argentina, ALAI	Oct 12,2015
Candidate	?	USA	Oct 12,2015
Candidate	<b>Nanou Pham</b>	France, EFIS	Oct 12,2015
Candidate	?	Europe, EFIS	Oct 12,2015

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# Gender Equality and Career Development



**Gender  
Equality and  
Career  
Development**

Olivera J. Finn, Ph.D., Chair  
Narinder Mehra, Ph.D., Co-Chair

**Mission:**

Encourage promotion of women immunologists around the world and help with career development issues of women and young scientists.

**Activities:**

Encourage and offer assistance to IUIS member societies to undertake activities that promote gender equality.

Compile and maintain current a list of outstanding women immunologists around the world, both young and established scientists, to aid organizers of important international meetings in selecting women speakers and assuring their proper representation.

Supports attendance of women trainees at various courses, in collaboration with other IUIS Committees.

Organize various educational and networking activities for women and trainees in association with IUIS member societies and Federations during their meetings and congresses.

## Committee Successes



2014/2015

Selected and sponsored women participants at the following courses:

FOCIS (1), AAI Basic Immunology (1), AAI Advanced Immunology (1),  
Ceppelini School of Immunology (2), SEEIS Course (2)

Organized a highly successful Gender Symposium at the 9<sup>th</sup> FAIS congress in Nairobi, Kenya, December 2014. Local organizer: Dr. Lucy Ochola; Keynote speaker: Dr. Jane Kengeya-Kayondo.

Organized a Gender Symposium and Student Awards Ceremony at the ALAI congress Immunocolombia2015 in Medellin, Colombia, October 2015. Local organizer: Drs. Gloria Vasquez and Luis Garcia; Keynote speaker: Dr. Nancy Saravia.

Sponsored the Women in Immunology website hosted by the Australian Immunology Society and created by Dr. Roslyn Kemp. *\*Dr. Kemp is the 2015 recipient of the Association for women in the Sciences (AWIS) Miriam Dell Award honoring mentoring efforts that inspire female immunologists across Australasia.*

### **ICI 2016**

Opportunity and a Challenge: Assist the Program Committee to create a gender balanced list of invited speakers.

Opportunity: Sponsor a highly visible special lecture by a woman scientist.  
Challenge: Find a sponsor.

Opportunity: Organize a Gender Symposium (with Dr. Kemp as the local organizer).

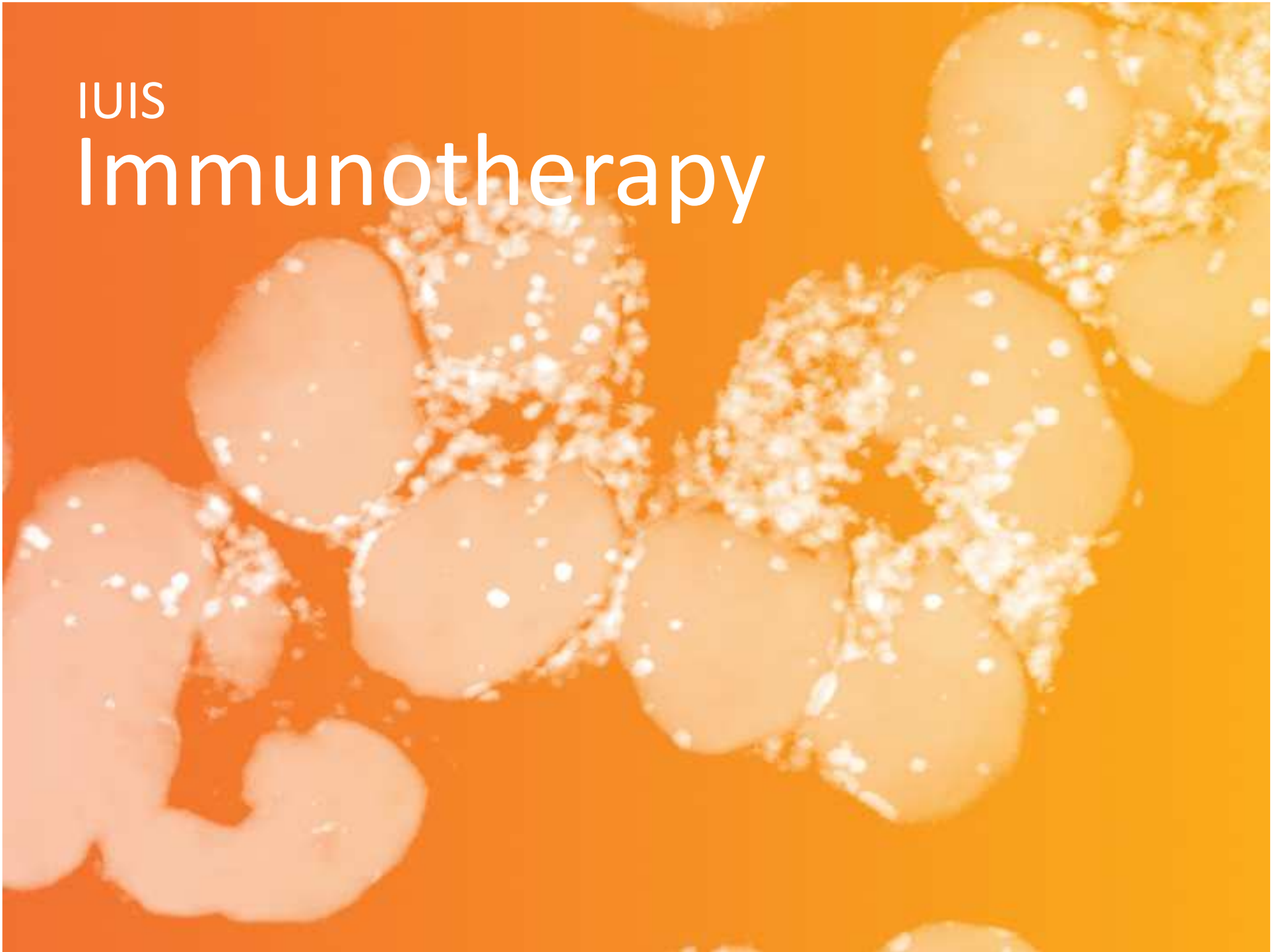
### **IUIS Elections**

Opportunity: Place more women on the ballot  
Challenge: Getting nominations from the member societies that include women.



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# Immunotherapy



**Christopher Rudd, Chair**

Department of Pathology  
University of Cambridge  
Tennis Court Road  
Cambridge, UK CB2 1QP

**David Rothstein**

Thomas E Starzl Transplant Institute University of Pittsburgh  
200 Lothrop Street W1545  
Biomedical Science Tower  
Pittsburgh, PA 15261

**Olivier Boyer**

Inserm U905 Pathophysiology and biotherapy  
of inflammatory and autoimmune diseases  
Rouen University  
22, bd Gambetta  
76000 Rouen  
France

**Bo Huang**

National Laboratory of Medical Molecular Biology  
Department of immunology  
Institute of Basic Medical Sciences  
Chinese Academy of Medical Sciences  
5 Dong Dan San Tiao  
Beijing 100005

**Jiřina Bartůňková**

Institute of Immunology,  
Charles University and University Hospital  
Motol V Úvalu 84 150 06  
Praha 5 Czech Republic

## Mandate

Assist in the development and clinical application of immunotherapy in the treatment of cancer and infectious diseases with special emphasis on the developing world. Remit includes:

- 1) Develop policy positions on the application of new immune therapy approaches in cancer and infectious diseases.
- 2) Communication with other organizations devoted the supporting immunotherapy (i.e. SITC; joint projects);
- 3) Sponsor public and academic education on immune therapy issues (i.e. travel fellowships to SITC meetings; course planned for 2016/2017)

## Committee Successes



- 1) **Organized committee (will include others)**
  - 2) **Developed links to other immunotherapy organizations**
  - 3) **Discussions have lead to a proposed mandate for the ITH Committee**
- The IUIS is coming late into the field with many organizations having already established with a foot-hold in immunotherapy. We should avoid overlap and instead develop a **complementary role**.
  - From discussions with other organizations, we can help as an information source and coordinator of activities linked to immunotherapy, but with an emphasis on **education** and the application of immunotherapy to the **developing world**.
  - Given that the huge focus of new immunotherapies is on cancer, we need to be part of this exciting activity. I believe that we can best participate by promoting the **application of these new therapeutic strategies in cancer to infectious diseases**.
  - We can develop policy positions (Frontiers in Immunology), and and propose the most **cost effective options for the developing world**.
  - **Organize education courses** in immunotherapy in the developing world.
  - **Have established contacts** and potential collaborators so far have included the American Cancer Society, Cancer Research Institute (CRI), Cancer Research UK (CRUK), and Society for Immunotherapy of Cancer (SITC). Others see Addendum.

## Committee Opportunities and Challenges

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### **Cancer Immunotherapy Course (2016/17) (initial focus on cancer)**

(Proposed teachers: Rudd, Bartůňková, Boyer, June and others)

Venue: (India, Africa?)

*Topics:*

Basic Immunology

Biomarkers

Cancer Immunology: Immunology, Inflammation and Tumor Growth

New Immune Checkpoint Inhibitors

Virus Therapy in Cancer Immunotherapy

Cellular Therapies

Vaccination and immunotherapy

**Provide travel fellowships** for students to attend immunotherapy meetings (SITC)

**Develop policy statements** related to cancer (most cost effective) and the application of new approaches in cancer to the treatment of infectious diseases.

**Need funding** (proposed initially \$10K)

## Addendum

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### **World Immunotherapy Council (WIC)**

#### **Other Possible Participating Organizations**

Adoptive Engineered T cell Targeting to Activate Cancer Killing (ATTACK)  
Australian Working Group  
Canadian Cancer Immunotherapy Consortium (CCIC)  
Cancer Drug Development Forum (CDDF)  
Cancer Immunotherapy Consortium - Cancer Research Institute (CIC-CRI)  
Association for Cancer Immunotherapy (CIMT)  
Cancer Research Institute (CRI)  
Chinese Society of Clinical Oncology (CSCO)  
Dutch Tumor Immunology Working Party (DTIWP)  
European Academy of Tumor Immunology (EATI)  
European Society of Cancer Immunology and Immunotherapy (ESCI)  
German Cancer Immunology group in the German Immunology Society (DGFI)  
Japanese Association of Cancer Immunotherapy (JACI)  
Middle Eastern and North African Interest Group  
Italian Network for Tumor Biotherapy (NIBIT)  
National Institute of Oncology, Budapest  
Progress In Vaccination Against Cancer (PIVAC)  
Scandinavian Network for Immunotherapy of Cancer (SNIC)  
Society for Immunotherapy of Cancer (SITC)  
Committee for Tumor Immunology and Bio-Therapy (TIBT)  
Tumor Immunology Meets Oncology (TIMO)  
Tumor Vaccine and Cell Therapy Working Group (TVACT)

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# Nomenclature



# ANNUAL REPORT OF THE IUIS NOMENCLATURE COMMITTEE (2014-2015) by Pablo Engel

## Mission

The mission of the different IUIS Nomenclature subcommittees is to establish a universal and consistent nomenclature for both molecules and cells of the immune system.



## Main goal

The main goal is to create a unambiguous, flexible, informative, neutral nomenclature, and if possible easy to remember and simple, in order to facilitate the communication between scientists in the fields of immunology and biomedicine. It is of key importance to establish a common language for diagnosis and therapy of diseases related to alterations of the immune system and also basic research.

## Accomplishments

The IUIS subcommittees have been establishing the nomenclature of different molecules of the immune system during more than 20 years.

More recently, new committees have been also created for the nomenclature of cells and cellular subsets.

# Current IUIS Nomenclature Subcommittees and chairs

**Allergen Nomenclature.** Chair: Rick Goodman (USA)  
(web page: [www.allergen.org](http://www.allergen.org))



**CD Nomenclature.** Chair: Pablo Engel (Spain)  
(web page: [www.hcdm.org](http://www.hcdm.org))



**IG, TR and MH Nomenclature.** Chair Marie-Paule Lefranc (France)  
(web page: [www.imgt.org](http://www.imgt.org))



**Monocytes and Dendritic Cells in Blood.** Chair: Loems Ziegler-Heitbrock (Germany)



**KIR Nomenclature.** Chair: Steve Marsh (UK)  
(web page: [www.ebi.ac.uk/ipd/kir](http://www.ebi.ac.uk/ipd/kir))



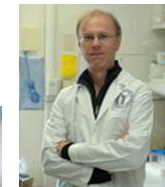
**Complement.** Chair: Andrea Tenner (USA)  
(web page: [www.complement.org](http://www.complement.org))



**B cells and plasma cells.** Chair: Ignacio Sanz (USA)



**Atypical chemokine receptors** Chair Phil Murphy (USA)



**MALT Nomenclature.** Chair: Per Brandtzaeg (Norway)



The IUIS nomenclature is proposed by the Nomenclature subcommittees after wet workshops, classical or virtual meetings. The subcommittee should seek approval for their proposed consensus nomenclature during the annual IUIS council meeting.



## Publications (2014-2015) Nomenclature and position papers

- Radauer C, Nandy A, Ferreira F, Goodman RE, Larsen JN, Lidholm J, Pomés A, Raulf-Heimsoth M, Rozynek P, Thomas WR, Breiteneder H. Update of the WHO/IUIS Allergen Nomenclature Database based on analysis of allergen sequences. *Allergy*, 2014, 69(4):413-419; is an open access publication.
- Breiteneder H, Chapman MD. Allergen Nomenclature. In *Allergens and Allergen Immunotherapy: Subcutaneous, sublingual and oral*. 5th Edition. Edited by Richard F. Lockey and Dennis K. Ledford. CRC Press, Taylor and Francis Group, Boca Raton, Florida, USA, 2014, pp 37-49.
- Lefranc MP. Immunoglobulin and T Cell Receptor Genes: IMGT<sup>®</sup> and the Birth and Rise of Immunoinformatics. *Front Immunol*. 2014;5:22.
- Lefranc MP. Immunoinformatics of the V, C, and G domains: IMGT<sup>®</sup> definitive system for IG, TR and IgSF, MH, and MhSF. *Methods Mol Biol*. 2014;1184:59-107.
- Alamyar E, Giudicelli V, Duroux P, Lefranc MP. Antibody V and C domain sequence, structure, and interaction analysis with special reference to IMGT<sup>®</sup>. *Methods Mol Biol*. 2014;1131:337-81.
- Robinson J, Halliwell JA, Marsh SG. IMGT/HLA and the Immuno Polymorphism Database. *Methods Mol Biol*. 2014;1184:109-21.
- Bachelierie F, Graham GJ, Locati M, Mantovani A, Murphy PM, Nibbs R, Rot A, Sozzani S, Thelen M. New nomenclature for atypical chemokine receptors. *Nat Immunol*. 2014;15:207-8. doi: 10.1038/ni.2812.
- Bachelierie F, Graham GJ, Locati M, Mantovani A, Murphy PM, Nibbs R, Rot A, Sozzani S, Thelen M. An atypical addition to the chemokine receptor nomenclature: IUPHAR Review 15. *Br J Pharmacol*. 2015;172:3945-9.
- Lefranc MP, Giudicelli V, Duroux P, Jabado-Michaloud J, Folch G, Aouinti S, Carillon E, Duvergey H, Houles A, Paysan-Lafosse T, Hadi-Saljoqi S, Sasorith S, Lefranc G, Kossida S. IMGT<sup>®</sup>, the international ImMunoGeneTics information system<sup>®</sup> 25 years on. *Nucleic Acids Res*. 2015; 43(Database issue):D413-22.
- Robinson J, Halliwell JA, Hayhurst JD, Flicek P, Parham P, Marsh SG. The IPD and IMGT/HLA database: allele variant databases. *Nucleic Acids Res*. 2015;43(Database issue):D423-31.
- Engel P, Boumsell L, Balderas R, Bensussan A, Gattei G, Horejsi V, Jin BQ, Malavasi F, Mortari F, Schwartz-Albiez R, Stockinger H, van Zelm M, Zola, Clark G. CD Nomenclature 2015. Human Leukocyte Differentiation Antigen (HLDA) Workshops as a driving force in immunology. *J Immunol*. 2015 (in press)

## Future Directions

- 1) **Continue the work of current Nomenclature subcommittees**
- 2) **Create new Nomenclature subcommittees to cover all the molecules and cells of the immune system**

A new subcommittee should consist of scientists coming from various parts of the world, well known in a specific field, and endorsed by their society or the scientific community.

The new subcommittee has to have a list of members in order to build standing committees.

- 3) **To disseminate the approved Nomenclature to the scientific community** using the IUIS web side.

## Approval and proposal of new Nomenclature Subcommittees at the 63rd IUIS Council Meeting

**Innate Lymphocytes** Chair: Marco Colonna (USA)

Board to be determined:

Publication: Spits H, Artis D, Colonna M, Dieffenbach A, Di Santo JP, Eberl G, Koyasu S, Locksley RM, McKenzie AN, Mebius RE, Powrie F, Vivier E. Innate lymphoid cells--a proposal for uniform nomenclature. Nat Rev Immunol. 2013;13:145-9

### **Cytokines and Interferons**

supported by International Cytokine and Interferon Society (formerly ISICR and ICS)

(<http://cytokines-interferons.org/>) Chair and board to be determined:

IUIS

Primary

Immunodeficiency



Primary  
Immuno-  
deficiency  
Expert  
(PID)

**Members:**

Bobby Gaspar, UK. Chairman

Charlotte Cunningham-Rundles, USA. Treasurer

Jose Luis Franco, Colombia. Secretary

Amos Etzioni, Israel

Capucine Picard, France

Christoph Klein, Germany

Hans Dieter Ochs, USA

Jennifer Puck, USA

Mimi Tang, Australia

Steven Holland, USA

Aziz Boushifa, Morocco

Talal Chatila, USA

Erik Oksenhendler, France

Jean Laurent Casanova, France

Kathleen Sullivan, USA

Shigueaki Nonoyama, Japan

Waleed Al Herz, Kuwait

Yanick Crow, UK

Troy Torgerson, USA

Stuart Tangye, Australia

- Provide an up-to-date classification of all primary immunodeficiency diseases (PIDs)
- Assist with the identification, diagnosis and management of patients with these uncommon conditions
- Support diagnostic and therapeutic guidelines developed by national societies and others, to assist healthcare providers
- Promote awareness, diagnosis and treatment of PIDs in all regions of the world
- Produce ad-hoc reports on any aspect of PIDs and to assist in the welfare of patients with these conditions

1. Consolidation of a committee of experts in all PID from 10 countries
2. Outsourced management: Kenes
3. Classification of PID: biannual report published, simplified version
4. Editorials to promote contents of the PID Classification
5. Advice on guidelines for diagnosis and treatment to national and regional societies
6. Assistance to Orphanet and WHO for revision of of ICD codes for PID
7. Assistance to patient organizations in availability of diagnostic tools and therapies
8. Support to attendance to regional meetings
9. Financial resources

## Committee Opportunities and Challenges

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1. Wider audience: Committee recognized in the PID community globally
  2. Classification: used by many as a reference for PID
  3. More tools and easier access: web, apps
  4. Issues on treatment of PID: HSCT, Gene Therapy
  5. Promote relationships with other societies: LASID, ASID, ESID, CIS
  6. Work closer with patient organizations
  7. Promote DOI during PIDWeek
- 
1. Increase visibility of the Committee in regional and national events
  2. Funding increasingly difficult
  3. Competition from other sources
  4. Align current tables with information generated from genomic data to propose new ways of accessing our products

IUIS

# Quality Assessment and Standardization



# Quality Assessment and Standardization Committee

## Committee for the Standardization of Autoantibodies in Rheumatic and Related Diseases

Chair	Luis Andrade
Vice-Chair & Sekretary	García-De La Torre Ignacio
Treasurer	Chan Edward K.L.
Members	<ul style="list-style-type: none"> <li>1 Andrade, Luis E.C.</li> <li>2 García-De La Torre, Ignacio</li> <li>3 Chan, Edward K.L.</li> <li>4 Arntsen, Kathleen A</li> <li>5 Agmon-Levin, Nancy</li> <li>6 Block, Donald B.</li> <li>7 Cavazzana, Ilaria</li> <li>8 Fritzler, Marvin J.</li> <li>9 Hiepe, Falk</li> <li>10 Koike, Takao</li> <li>11 Konstantinov, Konstantin</li> <li>12 Lahita, Robert</li> <li>13 Lightfoote, Marilyn</li> <li>14 Meroni, Pier Luigi</li> <li>15 Reeves, Westley H.</li> <li>16 Rönnelid Johan</li> <li>17 Satoh, Minoru</li> <li>18 Sheldon Joanna</li> <li>19 Shoenfeld Yehuda</li> <li>20 Steiner Günter</li> <li>21 Takasaki, Yoshinari</li> <li>22 Tincani, Angela</li> <li>23 Vogt, Robert F., Jr.</li> <li>24 Wilson, Merlin</li> </ul>

## Subcommittee on Allergen Standardization

Chair	Stefan Vieths
Vice-Chair	Fatima Ferreira
Treasurer	Martin Chapman
Members	<ul style="list-style-type: none"> <li>1 André, Claude</li> <li>2 Arruda, Karla</li> <li>3 Barber, Domingo</li> <li>4 Bousquet, Jean</li> <li>5 Breiteneder, Heimo</li> <li>6 Burks, Wesley</li> <li>7 Carnes, Jeronimo</li> <li>8 Chapman, Martin D</li> <li>9 Durham, Stephen</li> <li>10 Esch, Robert</li> <li>11 Fernandez-Caldas, Enrique</li> <li>12 Ferreira, Fatima</li> <li>13 Klysner, Steen</li> <li>14 Lehrer, Sam</li> <li>15 Löwenstein, Henning</li> <li>16 Moingeon, Philippe</li> <li>17 Pini, Carlo</li> <li>18 Plaut, Marshall</li> <li>19 Plunkett, Greg</li> <li>20 Raulf-Heimsoth, Monika</li> <li>21 Reese, Gerald</li> <li>22 Slater, Jay</li> <li>23 Smith, Alisa</li> <li>24 Valenta, Rudolf</li> <li>25 Van Ree, Ronald</li> <li>26 Vieths, Stefan</li> </ul>

## Subcommittee on Leukocytes

Chair:	Pablo Engel
Honorary President	Boumsell, Laurence
Members	<ul style="list-style-type: none"> <li>1 Balderas, Robert</li> <li>2 Bensussan, Armand</li> <li>3 Clark, Georgina</li> <li>4 Fox, David</li> <li>5 Gattei, Valter</li> <li>6 Jin, Bo-Quan</li> <li>7 Mortari, Frank</li> <li>8 Stockinger, Hannes</li> <li>9 van Zelma, Menno C</li> </ul>

## OSAB Subcommittee on the standardization of endocrine autoantibodies

Chair Alberto Falorni

## IUIS Subcommittee for the Standardization and Quality Assessment of Immunological Diagnostics

Chair	Clemens Scheinecker
Members	<ul style="list-style-type: none"> <li>1 Burks, Wesely</li> <li>2 Durham, R. Stephen</li> <li>3 Finn, J. Olivera</li> <li>4 Firestein, Gary</li> <li>5 Innes, Mc.Iain</li> <li>6 Jutel, Marek</li> <li>7 Kalinke, Ulrich</li> <li>8 Thomas, Ranjeny</li> <li>9 Vieths, Stefan</li> <li>10 Whiteside, L. Theresa</li> </ul>

## IUIS Subcommittee for the Standardization and Quality Assessment in immunotherapy

President Vladka Čurin Šerbec

Members	<ul style="list-style-type: none"> <li>1 Olano, Jose L. Aguilar</li> <li>2 Boumsell, Laurence</li> <li>3 Božič, Borut</li> <li>4 Hartman, Katarina</li> <li>5 Mari, Adriano</li> <li>6 Pichler, Werner</li> <li>7 Pickl, Winfried</li> <li>8 Sibanda, Elopy</li> <li>9 van Hage, Marianne</li> </ul>
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## IUIS Subcommittee for the Standardization and Quality Assessment of Complement Measurements

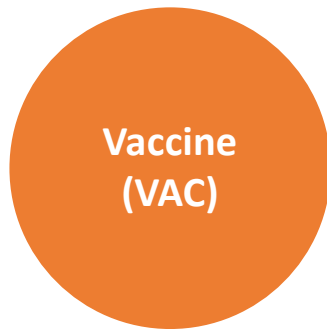
Chair	Kirschfink, Michael
Co-Chair	Prohászka, Zoltán
Members	<ul style="list-style-type: none"> <li>1 Bay, Jakob T.</li> <li>2 Botto, Marina</li> <li>3 Cicardi, Marco</li> <li>5 Clivio, Alberto</li> <li>6 Dumestre-Perard, Chantal</li> <li>7 Fishelson, Zvi</li> <li>8 Frazer-Abel, PhD, Ashley</li> <li>9 Fremeaux-Bacchi, Veronique</li> <li>10 Gelderman, Kyra</li> <li>11 Grumach, Anete S.</li> <li>12 Hänninen, Arno</li> <li>13 Heijnen, Ingmar A.F.M.</li> <li>14 Hrachovinová, Ingrid</li> <li>15 Jarva, Hanna</li> <li>16 Jokiranta, Sakari</li> <li>17 Kallel-Sellami, Maryam</li> <li>18 Kirschfink, Michael</li> <li>19 Kozlov, Leonid V.</li> <li>20 Laurén, Anna</li> <li>21 Litzman, Jiri</li> <li>23 Liu, Guanghiu</li> <li>24 Lopez-Trascasa, Margarita</li> <li>25 Ludviksson, Björn</li> <li>26 Macor, Paolo</li> <li>27 Morgan, Paul</li> <li>28 Murray, David</li> <li>29 Nilsson, Bo</li> <li>30 Noris, Marina</li> <li>31 Plattner-Gasser, Martina</li> <li>32 Prohászka, Zoltán</li> <li>Rodriguez de Cordoba,</li> <li>33 Santiago</li> <li>34 Simčić, Saša</li> <li>35 Skattum, Lillemor</li> <li>36 Smith, Richard</li> <li>37 Tedesco, Francesco</li> <li>38 Truedsson, Lennart</li> <li>39 van der Molen, R.G.</li> <li>40 Varga, Lilian</li> <li>41 Viðarsdóttir, Guðrún</li> <li>42 Volokhina, E.B.</li> <li>43 Willrich, Maria Alice</li> <li>44 Würzner, Reinhard</li> <li>45 Yang, Lin</li> <li>46 Yu, Weiqing</li> <li>47 Zeng, Dan</li> <li>48 Zipfel, Peter F.</li> </ul>



IUIS

# Vaccine





### VAC Committee 2015:

Marita Troye Blomberg	Ricardo Gazzineli
Bali Pulendran	Rino Rappouli
Joanne Flynn	Willem Hanekom
Else Marie Agger	Thomas Evans
Hedda Wardemann	Alan Aderem
Jan Holmgren	Ilkka Julkunen

### Proposed VAC additions:

<u>Ursula Wiedermann-Schmidt</u>	Head of Institute of Specific Prophylaxis and Tropical Medicine
<u>Ingileif Jonsdottir</u>	Head of Vaccine Research Group, Department of Immunology, at Landspítali

## Mission and Objectives of IUIS VAC:

*Promote vaccine immunology (tbd)*

### Suggested activities of VAC are to:

- Research Topic: Demographic changes in the population (aging society, obesity, chronic diseases etc) demand risk group targeted vaccine approaches: how shall we vaccinate risk groups? Immunological differences between prophylactic and therapeutic vaccines- induction –reactivation of memory?
- Vaccine design for risk group vaccination – use of “vaccinomics” for development of more effective vaccines
- Research Position papers to difficult questions or controversially discussed topics (e.g. adjuvants and side effects; myths and reality etc)
- Guidelines and harmonization of recommendations for specific vaccination groups (e.g. vaccination under biologics etc)
- Improvement of vaccine topics through internet– state of the art (to neutralize the overflow of articles of vaccine deniers)
- Organization of vaccinology meetings once a year or every second year as stand-alone meeting or as satellite symposia to immunology meetings

- **Confirmed inaugural Committee Members**
- **Held four preliminary meetings face-to-face and via TC with Central Office for kick-off meeting in Vienna**
- **Collected first regional overviews regarding vaccine immunology globally**
- **Held Inaugural Vaccine Committee Meeting during the ECI 2015, Vienna, Austria**
  - **Received initial full committee feedback**
  - **Received new application for committee membership**
  - **Draft mission and objective proposed**

### Challenges

- Need for an active Chair
- Determine Committee niche

### Opportunities

- GAVI has 5-year funding for immunology – 7.56 billion USD
- NIH commits \$36M to train junior faculty in Africa

IUIS

Veterinary



# IUIS (Committee) Introduction



## **VIC Committee 2014/15:**

Gary Entrican (Chair, IUIS VIC)  
Wayne Hein (Past-Chair, IUIS VIC)  
Joan Lunney (Past-Chair, IUIS VIC)  
Jayne Hope (Chair, IUIS VIC Toolkit)  
Keith Ballingall (Chair, IUIS VIC MHC)  
Anne Storset (Chair, EVIG)  
Chieko Kai (Chair, JVIS)  
Susan Eicher (President, AAVI)  
Isabel Kinney Ferreira de Miranda Santos (ALAI)  
Hirohide Uenishi

## **Proposed VIC Committee 2015/16:**

Gary Entrican (Chair, IUIS VIC)  
Wayne Hein (Past-Chair, IUIS VIC)  
*Eva Wattrang (Treasurer, IUIS VIC)*  
*Joan Lunney (Chair, IUIS VIC Toolkit)*  
Keith Ballingall (Chair, IUIS VIC MHC)  
*Dirk Werling (Chair, EVIG)*  
Chieko Kai (Chair, JVIS)  
Susan Eicher (President, AAVI)  
*Gerald Chege (FAIS)*  
Isabel Kinney Ferreira de Miranda Santos (ALAI)  
Hirohide Uenishi  
*Andrew Bean (IVIS 2016 Organiser)*  
*Xiaomei Wang (IVIS 2019 Organiser)*

## **Mission and Objectives of IUIS VIC:**

To enhance the profile of veterinary immunology through international knowledge exchange and outreach activities that support research into animal diseases and vaccine development for the benefit of global communities.

### **The main activities of VIC are to:**

- Promote veterinary immunology
- Assist with the planning and funding of the International Veterinary Immunology Symposia (IVIS)
- Coordinate databases containing information of interest to veterinary immunologists
- Sponsor and support regional workshops and conferences
- Coordinate the development of a toolkit of veterinary immunological reagents
- Administer the Distinguished Veterinary Immunologist Award

## Committee Successes



Five Keystone Bursaries  
January 2015



Planning and support for IVIS 2016  
(engagement with K.I.T./IUIS Office)



Five EVIW Bursaries  
Vienna, Sept 2015

### **Promotion of IUIS VIC as a central point for veterinary immunology research and education:**

Informa Veterinary Vaccines Summit, Brussels, Belgium, December 2014

BBSRC UK Veterinary Vaccinology Network Committee, December 2014

SSERC Webinar, Immunology in the School Curriculum, March 2015 (<https://www.youtube.com/watch?v=-cpC6StpPNI>)

SISVet Congress, Perugia, Italy, June 2015

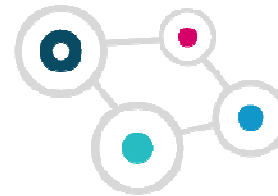
Bio-Rad AbD Serotec Webinar, Immune responses in ruminants, July 2015  
(<https://www.youtube.com/watch?v=xN0Srs3zvg8>)

Updates on IUIS VIC webpage (<http://www.iuisonline.org/>)

# Committee Opportunities and Challenges



Mechanisms to fund travel bursaries  
Engagement with Chinese colleagues  
Sponsorship (DVI)

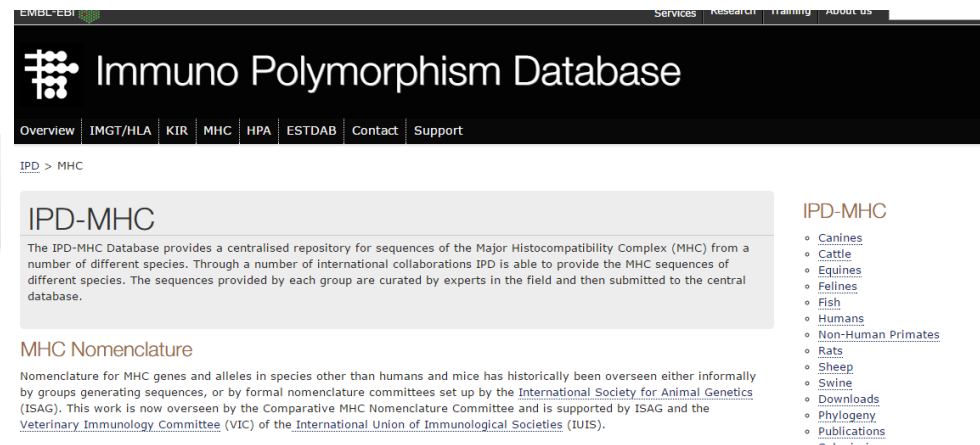


## VETERINARY VACCINOLOGY NETWORK

Networking to develop international funding applications



## Database development and support



<https://www.ebi.ac.uk/ipd/mhc/>