Nomenclature
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.

The IUIS subcommittees have continued to establish the nomenclature of different molecules of the immune system and updating their databases and webpages.

Especially useful in driving these activities has been the Frontiers research topic: **Nomenclature: Avoiding Babylonian Speech Confusion in Present Day Immunology**

With contributions from 7/10 subcommittees:
- Allergen, B-cell, CD Molecule, Complement, Cytokine, IG TR and MH, Monocytes and Dendritic Cells in Blood
Current IUIS Nomenclature Subcommittees and chairs

**Allergen Nomenclature.** Chair: Christian Radauer (Austria)  
(web page: [www.allergen.org](http://www.allergen.org))

**CD Nomenclature.** Chair: Menno van Zelm (Australia)  
(web page: [www.hcdm.org](http://www.hcdm.org))  
vice-chair: Tomas Kalina (Czech)

**IG, TR and MH Nomenclature.** Co-chairs: Felix Breden (USA)  
(web page: [www.imgt.org](http://www.imgt.org))  
John Hammond (UK)

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

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

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

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

**Cytokines, chemokines and their receptors** Chair: tbd

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

**MALT Nomenclature.** Chair: Ana Caetano (Brazil)
NOM 2022 Activities

Frontiers Research Topic 2019-2020
- 12 papers + commentary
- Contributions include those from 7 sub-cies (Allergen, CD, B-cell, complement, cytokine, DC/mono, IG_TR_MH)
- >150,000 views

CD nomenclature:
- 11th HLDA workshop experiments ongoing – 112 mAbs, potentially 22 new CD markers
- CD Maps 2 studies ongoing – revisiting expression of CD1-CD372

Allergen nomenclature
- >1093 defined allergens
- Extensive website (Allergen.org)
- Updates to nomenclature

IG_TR_MH nomenclature
- New Terms-of-reference
- Revised Nomenclature review committee

Complement Nomenclature
- Nomenclature update approved

Monocyte/DC Nomenclature
- Monocytomics Research web page, listing relevant publications on monocyte subsets (https://www.monocytomics-research.eu/).

Revival of subcommittees:
- Cytokine/chemokine
- MALT – chair: Ana Caetano
Selection of Publications: 2021-2022 Nomenclature and position papers

Allergen

CD

IG_TR_MH

ILC
Allocated amount for 2022:
Committee: $10,000
Travel: $6,000

Year 2022 Budget spent: $10,000
$4,000 for Allergen Nomenclature
$5,000 for CD molecule Nomenclature
$1,000 for Mono_DC Nomenclature

Year 2023 committee budget request:
- Carry forward from 2021/22: $7,000
- New for 2023 $10,000

Year 2023 committee budget items:
$5,000 for Allergen Nomenclature Subcie
$5,000 for CD molecule Nomenclature

$7,000 for travel NOM cie members to IUIS meeting – carried forward from 2021/22

KIT support for (virtual) meetings:
- NOM cie (1x virtual; 1x at IUIS Cape Town)
- 2x virtual Mono-DC NOM subcie meetings

* Excluding in kind reagents provided by multiple companies for HLDA11/CD Maps 2
NOM Opportunities and Challenges

Lack of in-real-life meetings in 2020-2021-2022
- Virtual meetings kept momentum going to some extent
- Need for face-to-face meeting of NOM co-chairs and subcie chairs in 2023

Change of NOM leadership in 2022
- Prof van Zelm to step down in 2022 after 2 full terms
- Profs Jamie Scott and Rick Goodman incoming co-chairs
- The subcommittee chairs are members of NOM
- Terms-of-reference are developed and implemented

Progress made in IG/TR/MH nomenclature of new genes/alleles
- newly implemented terms-of-reference and new co-chairs

NOM cie members agreed to developing terms of reference for their subcies

NOM will consider developing general guidelines for nomenclature