IUIS
Nomenclature Committee (NOM)

IUIS Nomenclature Committee

Annual Report

Jamie Scott

16 December 2025

Mission of the IUIS Nomenclature Committee

The Nomenclature Committee (**NOM**) consists of the chairs, vice-chairs and co-chairs of its 10 Sub-Committees.

The NOM is responsible for engaging the immunology community in an open forum where Nomenclature of the cells, genes and molecules of the immune system are discussed and decided upon.

To this aim, NOM has established 10 SCs that each covers a distinctive area in the field.

Where possible, each SC is linked to one or more relevant not-for-profit societies and/or organizations.

NOM Activities

The NOM met 3 times this year, with major focus on restructuring some of its more dormant Sub-Committees. This effort has been successful, following a transparent, inclusive process.

Interleukin Nom SC: Has a new Interim Chair, Prof. Diana Boraschi, who has recruited a core of new members. Her position as interim chair and the process she's following have been approved by NOM. This SC will be renamed Cytokine Nom SC. See interim Terms of Reference.

Innate Lymphocyte Nom SC: Interim Chair, Prof. Marco Colonna, has recruited new members. The SC may create a NK Cell Nom Review Committee headed by Eric Vivier. The process has been approved by NOM. See interim Terms of Reference.

B Cell and Plasma Cell Nom SC: Interim Chair, Prof. Inaki Sanz, has created a list of immunologists to invite to the SC, whom Prof Scott will contact. Interim Terms of Reference will be produced for the core SC members.

Mucosa-associated Lymphoid Tissue (MALT) Nom SC: Prof. Ana Maria Caetano de Faria, Universidade Federal de Minas Gerais (UFMG), Brazil, is in the process of recruiting a core of new members and forming an association with the Society for Mucosal Immunology. A core SC terms of reference will be written, and open nominations for other members will be advertised. See Progress report.

Highlights of NOM Sub-Committee Activities

Sub-Committee Databases

Allergen Nom SC: Allergen.org database: 41 novel candidate allergens or novel isoallergens of variants of existing allergens were submitted and reviewed by the SC. As of 14 June 2025, 14 were accepted as new allergens, 1 rejected, 9 non-responses to follow up and 26 still under review.

CD Molecule Nom SC: 14 new CD designations were assigned to GPCR cell-surface molecules expressed on immune cells.

KIR Nom SC: 63 allele-sequence submissions to the database in the past 12 months; overall: 2,286 KIR alleles.

TR-IG Nom SC: Registry for new IG and TR genes and alleles is being set up in collaboration with the German data portal, NFDI4Immuno.de which will be supporting it.

Highlights of NOM Sub-Committee Activities (cont'd)

Publications

Allergen Nom SC had one publication in *Allergy 2025*, along with 2 meeting abstracts.

CD Molecule Nom SC published on its new CD molecules in *European J Immunol.*

Other progress

CD Molecule Nom SC presented at 3 international conferences.

Complement Nom SC is working on new nomenclatures for intracellular complement components.

TR-IG Nom SC approved and named >400 new IG alleles and genes in 2025.

2026-2028 Budget request

Allergen Nom SC requested $5,000/year to maintain its allergen.org database.

Two other societies also contribute funds to this effort. See annual report for details.

NOM Reduced its annual request by over 50%: from $15,200 in 2026 and $10,200 in 2027 and 2028.

NOM Committee, Sub-Committee and Database Hub Redesign

Another area of focus for the NOM has been to make its databases more prominent on the IUIS website. To that end, IUIS provided $5000 USD to pay a web designer to upgrade the Sub-Committee webpages and Database Hub

In the next slides you'll see BEFORE and AFTER renditions of one of the NOM Sub-Committee pages and of the IUIS Database Hub page, as well as what you would see on a mobile phone.

Should the Committee Liaison Group wish, Mr. Lovano, the web designer, will make plug&play Templates for

- Committee pages
- Sub-Committee pages
- Hub pages (for IUIS-approved databases, nomenclatures, standards, etc.)

This would give ***a consistent look and feel*** to the IUIS Committee webpages.

IUIS
International Union of Immunological Societies

IUIS | Our Members | Committees | Database Hub | Educational Hub | ImmunoHub | News/Events

Home > Committees > Nomenclature Committee (NOM) > Nomenclature Sub-committees

T-cell Receptor and Immunoglobulin Nomenclature Sub-Committee

Since this Sub-Committee has not addressed MHC/HLA nomenclature for several decades, the name of the Sub-Committee has been changed to "T-cell Receptor and Immunoglobulin Nomenclature Sub-Committee" (or "**TR-IG NSC**").

TR-IG NSC Registry >

Mission

In continuing the pioneering work of Dr. Marie-Paule Lefranc, the T-Cell Receptor and Immunoglobulin Nomenclature Sub-Committee is responsible for validating, approving, and assigning names to newly discovered T-cell receptor (TR) and immunoglobulin (IG) germline genes, following the principles of the IMGT™ information system insofar as possible. This Sub-Committee is also responsible for coordinating the biocuration of these genes in the appropriate germline gene databases.

Chair

Felix Breden — Canada — Contact

Members

Current Sub-Committee Members:

Members >

TR-IG Nomenclature Review Committee

Please learn about the **TR-IG Nomenclature Review Committee**, formerly **IMGT-NC Reports Review Committee** here:

TR-IG Nomenclature Review Committee >

Inferred Allele Review Committee

Please learn about the **Inferred Allele Review Committee** here:

The Inferred Allele Review Committee >

Reports to IUIS

- 2020-2021 Sub-committee Report
- 2022 Sub-committee Report
- IUIS NOM IMGT-NC report table 2017-2022

Terms of Reference

You can find the Terms of Reference here:

Terms of Reference >

Sub-Committee Featured Content

IUIS 2025 – 19th International Congress of Immunology >

IUIS Immunology Databases >

Nomenclature Committee (NOM)

Guideline and Terms of Reference >

News >

Events >

External Approved Databases >

IUIS Databases >

The **TR-IG Nomenclature Sub-Committee** is part of the **NOM**.

Nomenclature Committee (NOM)

The NOM Committee is composed by 11 nomenclature sub-committees dedicated to specific areas of nomenclature.

Allergen
Nomenclature Sub-Committee

Our mission is to name and catalogue IUIS-validated allergens which are submitted to this Sub-Committee, then once accepted, stored in the allergen.org database.

View

CD
Nomenclature Sub-Committee

Our mission is to lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

View

Complement
Nomenclature Sub-Committee

Our mission is to lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

View

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NGOsource
Equivalency Determination on File


IUIS-Approved Immunology Databases
Allergen Nomenclature Database
Human Cell Differentiation Molecule Database
Human Cell Differentiation Molecule Maps
International Consensus on ANA Patterns Database
Immuno-Polymorphism Database-KIR Database
Inborn Errors of Immunity Classification Table


IUIS Immunology Databases
Featured Content
Committees' Guideline and Terms of Reference
IUIS 2025 – 19th International Congress of Immunology
Day of Immunology 2025
Member Benefits
IUIS Immunology Databases
Events
Allergen Nomenclature Database
Human Cell Differentiation Molecules Database (HCDM)
Human Cell Differentiation Molecules CD Maps
ICAP International Consensus on ANA Patterns Database
Inborn Errors of Immunity Classification Table
IPD-KIR Database
Antinuclear Antibodies (ANA) Reference Standards
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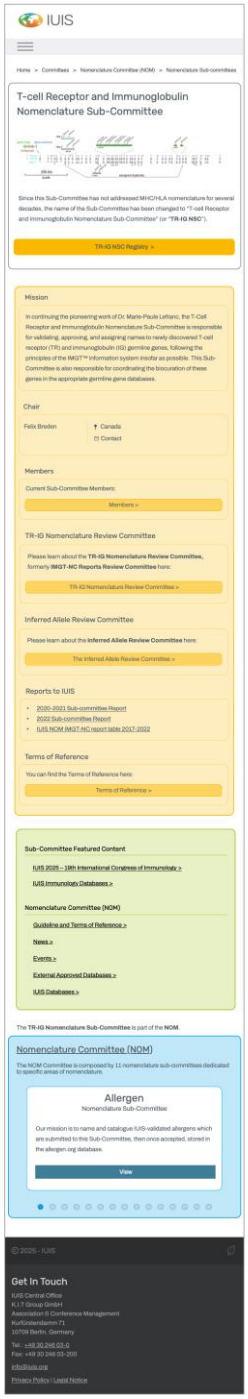
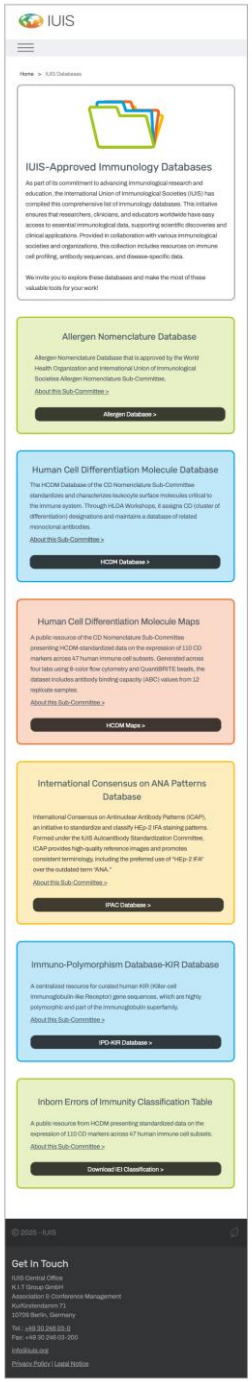


Sub-Committee Page
on a mobile phone



Database Hub
on a mobile phone

Plans for 2026

1. Complete SC restructuring and Terms of Reference development.
2. Implement SC webpage redesign.
3. Implement Database Hub redesign.
4. Complete Terms of Reference for all SCs & their Review Committees & Working Groups.
5. Encourage societies associated with SCs to become IUIS member societies.
6. Work on promoting NOM databases and educational materials.
7. Produce webinars introducing visitors to the SCs and database resources (and how to use them).
8. Consider creating a Nomenclature Hub listing all IUIS-approved and maintained nomenclatures to increase prominence of these assets.
9. Encourage SCs to seek funding from industry, NGOs and governments.
10. Use the new funding MOU form to acknowledge and catalog in-kind and monetary support currently provided by societies and other organizations, along with new agreements.

Question?
Comments?