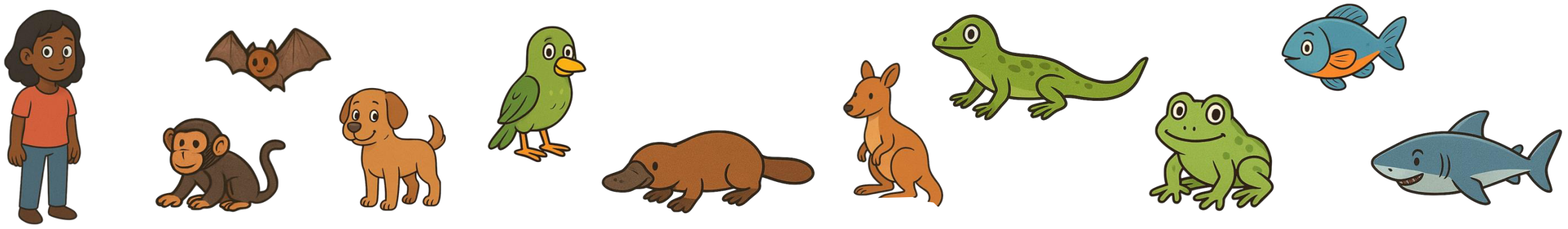


SOCIETY FOR IMMUNE POLYMORPHISM



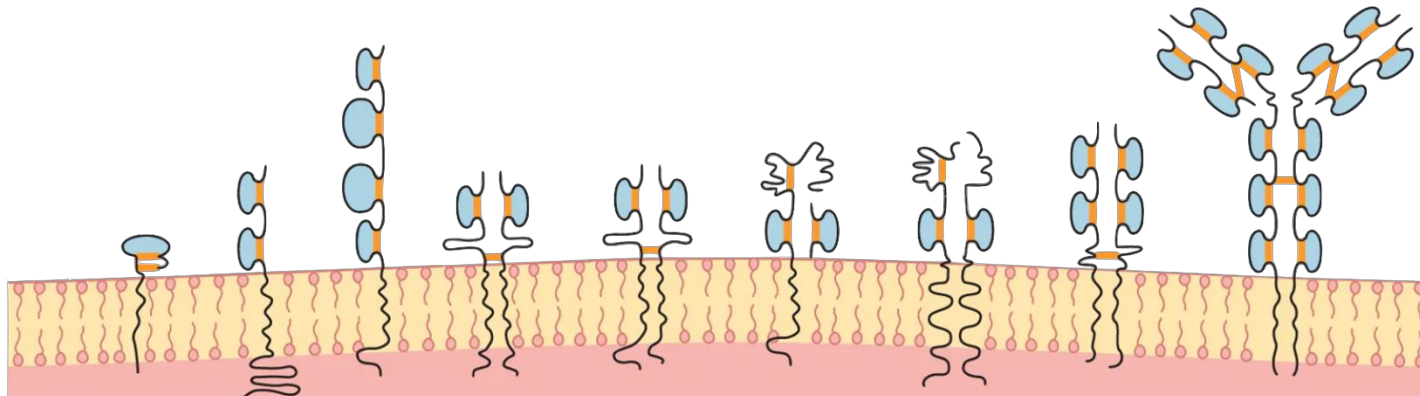
2025 ANNUAL REPORT





MISSION

The *Society for Immune Polymorphism* is an international membership organization of scientists and clinicians dedicated to understanding the **genetic and functional variation of the vertebrate immune system** and the role played by this variation in evolutionary biology, disease and health.



2025 Board of Directors

Officers/ Executive Committee

Steve Mack



President &
Chair

Jason Krawic



Secretary &
Vice Chair

Loren Gragert



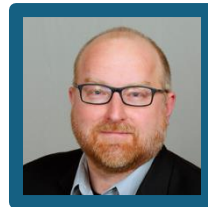
Treasurer

Neema Mayor



Membership +
Development

Martin Maiers



Web & Social
Media

Jill Hollenbach



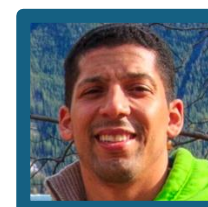
Publicity +
Community
Engagement

Charles Khor



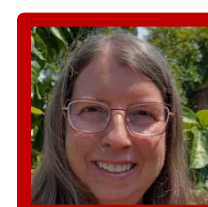
Literature +
Publications

Danillo Augusto



Diversity +
Inclusion

Janelle Noble



At Large

Paul Norman



At Large

Committee Chairs

Still in first term



Early Career : graduate students, post-doctoral fellows,
laboratory technicians, or junior scientists

SOCIETY ACTIVITIES

2025

The Society

- Expanded the webinars to February, April, June and September
- Published a Frontier's Special Issue in June
- Held its second annual symposium in October
- Implemented its membership and dues-payment program
- Elected its 2026-2028 Board of Directors in December.

2025 SOCIETY ACTIVITIES

FEBRUARY Webinar

**SOCIETY
FOR IMMUNE
POLYMORPHISM**



WINTER 2025 WEBINAR

HLA REGION ASSEMBLY AND GENOMICS

FEBRUARY 25, 2025 : 1700 GMT/0900 PST

Stephan Scholz, PhD Heinrich Heine Universität Düsseldorf
Composing a Best Reference for MHC Scaffolding



Dr. Kristen Wade, PhD UCSF, Department of Neurology
**MHC Genetic Characterization Implicates Role for Expression
Network Dysregulation in Multiple Sclerosis**

Moderated by Professor John Trowsdale, PhD University of Cambridge Immunology Network

2025 SOCIETY ACTIVITIES

APRIL Webinar



SPRING 2025 WEBINAR

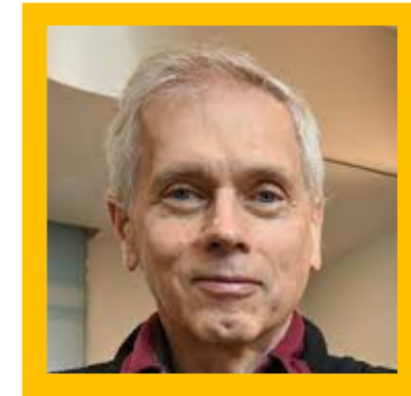
HLA-RELATED RECEPTOR IMMUNOGENETICS

APRIL 29, 2025 : 1600 GMT/0900 PDT

Marco Colonna, MD

Washington University School of Medicine

**Immunogenetics Illuminating HLA-related
Receptors: From Alloreactivity to
Neurodegeneration**



ASHI 2024 Rose Payne Award Lecture

2025 SOCIETY ACTIVITIES

June Webinar



SUMMER 2025 WEBINAR

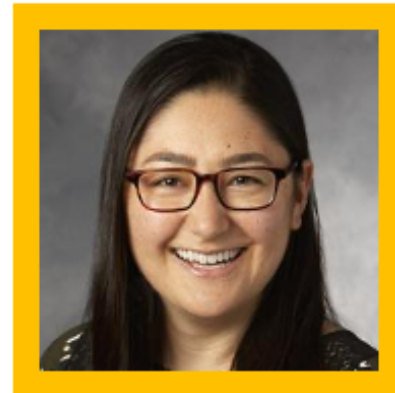
IMMUNOGLOBULIN HEAVY LOCUS IN BATS

JUNE 24, 2025 : 1600 GMT/0900 PDT/ 1100 CDT

Hannah K. Frank, PhD

Tulane University School of Science and Engineering

AIRR and a Spare: IGH Duplication in Bats



2025 SOCIETY ACTIVITIES

September Webinar

*SOCIETY
FOR IMMUNE
POLYMORPHISM*



FALL 2025 WEBINAR

T-CELL AND B-CELL RECEPTOR GENES

SEPTEMBER 30, 2025 : 1600 GMT/0900 PDT

Melissa L. Smith, Ph.D. University of Louisville, School of
Medicine



Corey Watson, Ph.D. University of Louisville, Department of
Biochemistry and Molecular Genetics

THE GENES THAT ENCODE T-CELL RECEPTORS AND B-CELL RECEPTORS

SIP Webinars Are Online

<https://www.youtube.com/@SocietyforImmunePolymorphism>

2025 SOCIETY ACTIVITIES

Frontiers in Immunology Special Issue

METHODS
06 April 2025

LILR genotype imputation with attribute bagging (LIBAG): leukocyte immunoglobulin-like receptor copy number imputation system

Seik-Soon Khor, 4 more and Katsushi Tokunaga

2,083 views 0 citations

REVIEW
14 April 2025

HLA alleles and dengue susceptibility across populations in the era of climate change: a comprehensive review

Amit Gourav Ghosh, 1 more and Seik-Soon Khor

4,247 views 2 citations

REVIEW
11 September 2024

Fifty years of HLA-associated type 1 diabetes risk: history, current knowledge, and future directions

Janelle A. Noble

10,464 views 15 citations

ORIGINAL RESEARCH
22 September 2024

Fibrinogen induces inflammatory responses via the immune activating receptor LILRA2

Yifan Li, 6 more and Rikinari Hanayama

3,301 views 3 citations

REVIEW
03 November 2024

Germline natural killer cell receptors modulating the T cell response

Laura Mora-Bitria and Becca Asquith

3,884 views 2 citations

High population frequencies of MICA copy number variations originate from independent recombination events

Anja Klussmeier, 10 more and Vinzenz Lange

2,878 views 6 citations

The HLA-B*57:01 allele corresponds to a very large MHC haploblock likely explaining its massive effect for HIV-1 elite control

Myriam Rahmouni, 13 more and Jean-François Zagury

4,438 views 10 citations

PyPop: a mature open-source software pipeline for population genomics

Alexander K. Lancaster, 4 more and Gordon D. Webster

4,716 views 7 citations

ORIGINAL RESEARCH
22 September 2024

Fibrinogen induces inflammatory responses via the immune activating receptor LILRA2

Yifan Li, 6 more and Rikinari Hanayama

3,301 views 3 citations

Identification of the hybrid gene LILRB5-3 by long-read sequencing and implication of its novel signaling function

Kouyuki Hirayasu, 14 more and Masao Nagasaki

3,438 views 1 citations

EDITORIAL
17 June 2025

Editorial: A new perspective in immune polymorphism (the HLA, KIR, and LILR genes)

Seik-Soon Khor, Martin Maiers, Jason Krawic, Danilo G. Augusto and Aisha Souquette

Editors



Seik-Soon Khor

Nanyang Technological University



Martin Maiers

National Marrow Donor Program



Danillo G Augusto

University of North Carolina at Charlotte



Jason Krawic

University of Oklahoma Health Sciences Center



Aisha Souquette

Department of Emergency Medicine, School of M...

<https://www.frontiersin.org/research-topics/58477>

2025 SOCIETY ACTIVITIES

2nd Annual SIP Sassenheim Symposium

November 3 – 5, 2025



The banner features a light green and yellow background with faint silhouettes of a human figure, a virus, a bird, and a person on a branch. At the top center are three logos: a circular logo with a stylized figure, a blue square logo with a geometric design, and a red square logo with the text 'TxMiller'. The main title is in large, bold, dark blue font, flanked by two virus icons. The sponsor information is at the bottom center.

**Polymorphic Immune Molecules
and Their Functional Diversity Across Species**

Sponsored by: TxMiller Foundation

SOCIETY COMPOSITION

The society has 144 members. 60% of members are in the US, 29% in European nations, 3.5% in Brazil, 2% in Australia, and 3% in China, India, Pakistan and South Africa. Members are primarily in academic (67%), clinical (24%), and industrial (8%) fields. 40% of members are female.

Members range in experience from graduate student and post-doctoral researcher to research director, professor and laboratory director, and philanthropist, with a variety of clinical, therapeutic and research interests.



MEMBERSHIP

Membership is open to all persons interested in advancing the Society's mission.

Anyone with expertise in immune polymorphism research or clinical applications of immune polymorphism research, or who is interested in learning about and gaining experience in the field of Immune Polymorphism is welcome join the society.

Full Annual Membership: \$100

Post-Doctoral Trainee \$40

Pre-Doctoral Trainee: \$20.

50% Discount for members in upper-middle income countries

100% Discount for members in low-income countries

<https://immunepolymorphism.square.site>