



Henry Kunkel Society Meeting

32ND ANNUAL

APRIL 10-12, 2025 | BELGRADE, SERBIA

2025 MEETING PROGRAM

MEETING THEME

Genes and Immunity

MEETING CHAIR

Dusan Bogunovic, PhD



JEM Journal of
Experimental
Medicine

Henry George Kunkel



1916-1983

Henry Kunkel received his B.S. degree from Princeton and his M.D. degree from Johns Hopkins University. He arrived at The Rockefeller Institute (now University) in 1945 where he spent his entire scientific career until his death in 1983. His contributions to the field of basic and clinical immunology are legendary. He made numerous seminal observations in liver disease, rheumatic diseases and other allied disorders.

He was perhaps best known for his pioneering and extensive studies on the immunoglobulins. His recognition that myeloma proteins were a model for the study of the structure of normal immunoglobulins had a global impact on investigations of the structure, function and inheritance of these molecules. The elucidation of the chain structure of gamma globulin and the recognition that immunoglobulins possessed individual antigenic specificity (idiotypes) were internationally recognized discoveries.

Henry Kunkel Society Executive Committee

PRESIDENT LUIGI D. NOTARANGELO
 PAST PRESIDENT JEAN-LAURENT CASANOVA
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Henry Kunkel Society Lecturers

1992..... Louis Kunkel	2004..... Diane Mathis	2015..... Yanick Crow
1993..... David Ho	2005..... Charles Weissman	2016..... Michel C. Nussenzweig
1994..... Benvenuto Pernis	2006..... Ralph M. Steinman	2017..... Carl Nathan
1996..... Jeffrey Ravetch	2007..... Antonio Lanzavecchia	2018..... Michael Lenardo
1997..... Anthony Fauci	2008..... John Atkinson	2019..... Alain Fischer
1998..... Klaus Rajewsky	2009..... Thomas Tuschl	2021..... Tadatsugu Taniguchi
1999..... Peter Doherty	2010..... Frederick Alt	2022..... Federica Sallusto
2000..... Max D. Cooper	2011..... Mark M. Davis	2023..... Jean-Claude Weill
2001..... Fritz Melchers	2012..... Louis M. Staudt	2024..... Christopher C. Goodnow
2002..... Tasuku Honjo	2013..... Daniel L. Kastner	
2003..... Fred Rosen	2014..... Shigekazu Nagata	

Thursday

APRIL 10, 2025

Meeting Commencement

01:00 PM | **Dusan Bogunovic, PhD**
Meeting Chair, Henry Kunkel Society
Welcome Remarks

Genetics Across Immunity

Moderator: Dusan Bogunovic, PhD, Meeting Chair, HKS

01:05 PM | **Timothy A. Springer, PhD**
Harvard University, Boston, MA, USA
Integrins and New Tools for Organoids

01:35 PM | **Megan Cooper, MD, PhD**
Washington University in St. Louis, St. Louis, MO, USA
Reconsidering Genetic Mechanisms of Inborn Errors of Immunity

02:05 PM | **Luis Barreiro, PhD**
University of Chicago, Chicago, IL, USA
Human Immunology through Genetic Evolution

Break until 03:00 PM

Genetics & Immune Dysfunction

Moderator: Gaia Trincucci, PhD, Deputy Editor, JEM

03:00 PM | **Jacinta Bustamante, MD, PhD**
Necker Hospital, Imagine Institute, Paris, France
CCR2 in Mycobacterial Diseases

03:30 PM | **Jean K. Lim, PhD**
Icahn School of Medicine at Mount Sinai, New York, NY, USA
CCR5 and Flaviviral Infections

04:00 PM | **Bodo Grimbacher, MD**
University of Freiburg, Freiburg, Germany
Single Gene Defects in COVID

04:30 PM | **Joshua D. Milner, MD**
Columbia University, New York, NY, USA
Genetics of Atopic Disorders

Cocktail Hour (ADDITIONAL CHARGE)

Friday

APRIL 11, 2025

Annual Kunkel Memorial Lecture

- 9:00 AM | **Dusan Bogunovic, PhD**
Meeting Chair, Henry Kunkel Society
Introduction
- 9:05 AM | **Eric Vivier, PhD**
Innate Pharma & Aix-Marseille University, Marseille, France
NK Cells and their Defense Systems

Break until 10:30 AM

Genetics of Innate Immunity

Moderator: Dusan Bogunovic, PhD, Meeting Chair, HKS

- 10:30 AM | **Emmanuelle Jouanguy, PhD**
INSERM, Paris Cité University, Paris, France
Ahmad Yatim, MD, PhD
The Rockefeller University, New York, NY, USA
Human Integrin Deficiencies
- 11:00 AM | **Seth Masters, PhD, JEM Speaker**
Hudson Institute of Medical Research, Clayton, Australia
New Genetic Defects in Autoinflammation
- 11:30 AM | **Marta Martin-Fernandez, PhD**
Instituto de Salud Carlos III, Madrid, Spain
Post-Translational Regulation of Inflammatory Memory – Lessons from Human Genetics
- 12:00 PM | **Anne Puel, PhD**
INSERM, Paris Cité University, Paris, France
When Fungi Love STAT1

Lunch break until 01:30 PM

Missing Heritability in Immune Diseases

Moderator: Gaia Trincucci, PhD, Deputy Editor, JEM

- 01:30 PM | **Dusan Bogunovic, PhD**
Columbia University, New York, NY, USA
Genetic Architecture of Incomplete Penetrance
- 02:00 PM | **Ivona Aksentijevich, MD**
National Human Genome Research Institute, NIH, Bethesda, MD, USA
*Novel Insights in the Pathogenesis of Autoinflammation/
Autoimmunity: Contribution of Cell Death Pathways*

- 02:30 PM | **Janko Ž. Nikolich, MD, PhD**
The University of Arizona College of Medicine, Tucson, AZ, USA
Immune Aging as a Consequence of Microenvironmental Deterioration: Strategies for Intervention
- 03:00 PM | **Matthew F. Challman, PhD**
Icahn School of Medicine at Mount Sinai, New York, NY, USA
Microglia Lineage Relaxation Towards a Lymphoid-Like State Protects Against Alzheimer's Disease

Break until 04:00 PM

Ways of Inflammation and Block

Moderator: Gaia Trincucci, PhD, Deputy Editor, JEM

- 04:00 PM | **Ronald Germain, MD, PhD**
National Institute of Allergy and Infectious Diseases, NIH, Bethesda, MD, USA
Visualizing the Immune System
- 04:30 PM | **George D. Yancopoulos, MD, PhD**
Regeneron Pharmaceuticals, Tarrytown, NY, USA
Curing Human Disease via Antibodies Inspired by Human Genetics

Dinner Reception (ADDITIONAL CHARGE)

Saturday

APRIL 12, 2025

Genetics of Immunity through Human Prism

Moderator: Gaia Trincucci, PhD, Deputy Editor, JEM

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| 9:00 AM | Ivan Vujkovic-Cvijin, PhD
Cedars Sinai, Los Angeles, CA, USA
<i>Quantifying Anti-Microbiota Immunity to Understand Inflammatory Disease</i> |
| 9:30 AM | Cindy Ma, PhD
Garvan Institute of Medical Research, Darlinghurst, Australia
<i>STAT3 in B Cell</i> |
| 10:00 AM | Isabelle Meyts, MD, PhD
KU Leuven, Leuven, Belgium
<i>More to ADA2</i> |
| 10:30 AM | Marina Cavazzana, MD, PhD
Necker Hospital, Paris, France
<i>Making T Cell Progenitors to Speed Up Immune Reconstitution</i> |

Break until 11:30 AM

Learning Immunity from Evolution

Moderator: Dusan Bogunovic, PhD, Meeting Chair, HKS

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| 11:30 AM | Dorde Milković, PhD
IBISS, University of Belgrade, Belgrade, Serbia
<i>The Role of Intestinal ILC3 in Autoimmunity</i> |
| 12:00 PM | Dimana Dimitrova, MD
National Cancer Institute, NIH, Bethesda, MD, USA
<i>Bone Marrow Transplantation in Genetic Errors of Immunity</i> |

Meeting Conclusion

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| 12:30 PM | Dusan Bogunovic, PhD
Meeting Chair, Henry Kunkel Society
<i>Closing Remarks</i> |
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