CALL FOR ABSTRACTS

IMMUNOLOGY 2018
Annual Meeting of The American Association of Immunologists

MAY 4–8, 2018 | AUSTIN CONVENTION CENTER | AUSTIN, TEXAS

Visit www.IMMUNOLOGY2018.org to view the full program.

2018 DISTINGUISHED LECTURES

SATURDAY, MAY 5, 6:00 PM
Jeffrey A. Bluestone
Univ. of California, San Francisco
Treg-mediated immune tolerance in health and disease

SUNDAY, MAY 6, 6:00 PM
Pamela J. Fink
Univ. of Washington Sch. of Med.
Educating T cells from the cradle through adolescence

MONDAY, MAY 7, 6:00 PM
Randolph J. Noelle
Dartmouth Geisel Sch. of Med.
A panoramic VISTA of the immune system

AAI President’s Address
FRIDAY, MAY 4, 5:00 PM
50 Years (well, almost!) in Immunology
Wayne M. Yokoyama, Washington Univ. Sch. of Med., AAI President

AAI President’s Symposium
MONDAY, MAY 7, 12:30 PM – 2:30 PM
Into the Limelight: Natural Killer and Innate Lymphoid Cells
Chair: Wayne M. Yokoyama, Washington Univ. Sch. of Med., AAI President

Speakers

David H. Raulet
Univ. of California, Berkeley
NK cell activation and inactivation in the tumor microenvironment

Katharine C. Hsu
Mem. Sloan-Kettering Cancer Ctr.
NK cells in the oncology clinic

Gabrielle T. Belz
Walter and Eliza Hall Inst. of Med. Res., Australia
Teasing apart transcriptional regulation in innate lymphoid cells

Marco Colonna
Washington Univ. Sch. of Med.
Innate lymphoid cell plasticity

ABSTRACTS

AAI invites the submission of abstracts that report new scientific research developments in all areas of immunology. Abstracts are welcome from scientists in all sectors, including academia, government, industry, and education.

All abstracts selected will be programmed into Poster Sessions. Approximately 500 abstracts will also be selected to be presented orally in Block Symposia.

Abstract Submission Opens: November 28, 2017
Abstract Submission Closes: January 9, 2018

Abstract Submission Fees
AAI Member: $80
Nonmember: $115

AWARD PRESENTATIONS & LECTURES

AWARD PRESENTATIONS AND LECTURES
Each year AAI recognizes the extraordinary professional achievements and career promise of its members. The following AAI Career Award honorees and lecturers will present their research during the meeting.

AAI-BD Biosciences Investigator Award Presentation and Lecture
For outstanding early-career research contributions to the field of immunology

AAI-Steinman Award for Human Immunology Research Presentation and Lecture
For significant and sustained contributions to the understanding of immune processes underlying human disease pathogenesis, prevention, and therapy

AAI-Thermo Fisher Meritorious Career Award Presentation and Lecture
For outstanding mid-career research contributions to the field of immunology

AAI-BioLegend Herzenberg Award Presentation and Lecture
For exemplary research contributions to the field of B cell biology

AAI Vanguard Lecture
Presented by an AAI member who is an underrepresented minority investigator noted for scientific achievement and exemplary career success
Elina Zuniga
Univ. of California, San Diego
The art of coexistence: immune adaptations during chronic viral infections

TRAVEL AWARD & GRANT APPLICATIONS DEADLINE: JANUARY 9, 2018

For complete information on Awards, visit www.IMMUNOLOGY2018.org/awards.
### MAJOR SYMPOSIUM A: Transcriptional Control of Immunity: Diverse Mechanisms in Gene Regulation

**Chairs:**
- Amy S. Weinmann, Univ. of Alabama, Birmingham
- Boris Reizis, New York Univ. Sch. of Med.

**Speakers:**
- Amy S. Weinmann, Univ. of Alabama, Birmingham
- Boris Reizis, New York Univ. Sch. of Med.
- Tracy L. Johnson, Univ. of California, Los Angeles
- Jorge Henao-Mejia, Univ. of Pennsylvania
- Andrea Schietinger, Mem. Sloan Kettering Cancer Ctr.
- Stephen T. Smale, Univ. of California, Los Angeles

### MAJOR SYMPOSIUM B: Immune Cells in Tissue Niches

**Chairs:**
- Frederic Geissmann, Mem. Sloan Kettering Cancer Ctr.
- Gretchen Diehl, Baylor Coll. of Med.

**Speakers:**
- Shannon J. Turley, Genentech
- Frederic Geissmann, Mem. Sloan Kettering Cancer Ctr.
- Robyn S. Klein, Washington Univ. Sch. of Med.
- Gretchen Diehl, Baylor Coll. of Med.
- Bruno Lemaitre, Global Hlth. Inst., EPFL Lausanne, Switzerland

### MAJOR SYMPOSIUM C: New Regulatory Concepts from Human Immunology Studies

**Chairs:**
- Bana Jabri, Univ. of Chicago
- Michael J. Lenardo, NIAID, NIH

**Speakers:**
- Bana Jabri, Univ. of Chicago
- Michael J. Lenardo, NIAID, NIH
- Luis Barreiro, Univ. of Montreal/CHU Sainte-Justine, Canada
- Federica Sallusto, Inst. for Res. in Biomed., USI and ETH Zurich, Switzerland
- Ramnik J. Xavier, Harvard Univ. and Broad Inst.
- Maria Grazia Roncarolo, Stanford Sch. of Med.

### MAJOR SYMPOSIUM D: Gone but not Forgotten: The Impact of Cell Death on the Immune Response

**Chair:**
- Carla V. Rothlin, Yale Sch. of Med.

**Speakers:**
- Shigekazu Nagata, IFREC, Osaka Univ.
- Julie Magarian Blander, Weill Cornell Med.
- Carla V. Rothlin, Yale Sch. of Med.
- Andrew A. Oberst, Univ. of Washington

### MAJOR SYMPOSIUM E: Developing More Effective Cancer Immunotherapies

**Chairs:**
- Nina Bhardwaj, Icahn Sch. of Med. at Mt. Sinai

**Speakers:**
- James P. Allison, Univ. of Texas MD Anderson Cancer Ctr.
- Nina Bhardwaj, Icahn Sch. of Med. at Mt. Sinai
- Sandra Demaria, Weill Cornell Med.
- Philip D. Greenberg, Univ. of Washington and Fred Hutchinson Cancer Res. Ctr.

### MAJOR SYMPOSIUM F: Immune-Microbe Coevolution

**Chairs:**
- James R. Carlyle, Univ. of Toronto, Canada
- Janelle S. Ayres, Salk Inst.

**Speakers:**
- James R. Carlyle, Univ. of Toronto, Canada
- Janelle S. Ayres, Salk Inst.
- Nichole R. Klatt, Univ. of Washington
- David Wang, Washington Univ. Sch. of Med.
- Lisa Osborne, Univ. of British Columbia, Canada
- Russell E. Vance, HHMI and Univ. of California, Berkeley

### MAJOR SYMPOSIUM G: Molecular Basis of B Cell Differentiation and Function

**Chairs:**
- Jennifer L. Gommerman, Univ. of Toronto, Canada
- Ignacio Sanz, Emory Univ. Sch. of Med.

**Speakers:**
- Troy D. Randall, Univ. of Alabama, Birmingham
- Ignacio Sanz, Emory Univ. Sch. of Med.
- Christopher Scharer, Emory Univ. Sch. of Med.
- Marion Pepper, Univ. of Washington
- Facundo Batista, Ragon Inst. of MGH, MIT and Harvard
- Jennifer Anolik, Univ. of Rochester Med. Ctr.

### MAJOR SYMPOSIUM H: Neuroscience of Immunity

**Chairs:**
- Tajie H. Harris, Univ. of Virginia

**Speakers:**
- Tajie H. Harris, Univ. of Virginia
- Paul Kubes, Univ. of Calgary, Canada
- Diana Bautista, Univ. of California, Berkeley

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*All session information subject to change.*
**Participating Guest Societies**

- American Society for Tropical Medicine and Hygiene (ASTMH)
- American Society of Gene & Cell Therapy (ASGCT)
- American Society of Transplantation (AST)
- Canadian Society for Immunology (CSI)
- Chinese Society for Immunology (CSI) *(invited)*
- Chinese Society of Immunology, Taiwan (CSIT) *(invited)*
- German Society for Immunology (DGfI)
- International Cytokine and Interferon Society (ICIS)
- Korean Association of Immunologists (KAI) and Association of Korean Immunologists in America (AKIA)
- Society for Immunotherapy of Cancer (SITC)
- Society for Leukocyte Biology (SLB)
- Society for Natural Immunity (SNI)
- Society of Mucosal Immunology (SMI)
- The Obesity Society (TOS)

**NIH Institute-Sponsored Symposia**

- National Institute of Allergy and Infectious Diseases (NIAID)
- National Institute of Environmental Health Sciences (NIEHS)
- National Institute on Aging (NIA)

**CAREER DEVELOPMENT SESSIONS AND EVENTS**

- Careers and Networking Roundtables
- Careers in Biotech: Panel Discussion and Networking
- How to Convert Your CV into a Resumé
- International Opportunities in Science
- Interviewing for a Job
- Jobs Board
- Secrets for a Successful Postdoctoral Fellowship
- And More!

For full details on the scientific program, visit [www.IMMUNOLOGY2018.org/scientific-program](http://www.IMMUNOLOGY2018.org/scientific-program).

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**AAI COMMITTEE-SPONSORED SYMPOSIA AND EVENTS**

AAI Committees host a range of symposia, workshops, and lectures that address the most recent science in their specialty areas of immunology research as well as issues in public policy and career development.

**Clinical Immunology Committee:** Reverse Translation: Learning from the Patient

**Committee on Public Affairs:** NIH Efforts to Fund the Next Generation: Progress, Challenges, and Future Directions

**Education Committee:** Careers in Biotech: Panel Discussion and Networking; Immunology Teaching Interest Group

**Education Committee** and **Committee on the Status of Women:** Careers in Science Roundtable

**Membership Committee:** New Member Reception *(by invitation only)*

**Minority Affairs Committee:** Careers Roundtable and Speed Networking Session; AAI Vanguard Lecture

**Program Committee:** Back to School: A Review of Four Fast-Moving Fields

**Publications Committee:** Writing Scientific Manuscripts and Responding to Reviewers: Tips on Navigating the Process

**Veterinary Immunology Committee:** Neonatal Immunity: Getting it Right from the Start

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**REGISTRATION**

- Early Registration opens **December 11, 2017**
- Early Registration Deadline: **March 23, 2018**
- Join AAI before you register to be eligible for **member discounts!** Visit [www.aai.org/membership](http://www.aai.org/membership) or direct inquiries to members@aai.org.

Your registration fee covers entrance to scientific sessions, exhibits, the Gala, and meeting materials. Visit [www.IMMUNOLOGY2018.org/register](http://www.IMMUNOLOGY2018.org/register) to view all a la carte program options.

**REGISTRATION CATEGORIES AND FEES**

<table>
<thead>
<tr>
<th>Category</th>
<th>Early Deadline</th>
<th>Advance Deadline</th>
<th>On-site Deadline</th>
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<tbody>
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<td>Member (Regular, Associate, and Postdoc)</td>
<td>$380</td>
<td>$490</td>
<td>$550</td>
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<tr>
<td>Nonmember</td>
<td>$620</td>
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<td>Graduate Student Member</td>
<td>$110</td>
<td>$135</td>
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<tr>
<td>Graduate Student Nonmember</td>
<td>$225 with student I.D. (on-site registration only)</td>
<td>$250 with student I.D. (on-site registration only)</td>
<td>$250 with student I.D. (on-site registration only)</td>
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<td>Emeritus Member</td>
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<tr>
<td>Undergrad Student</td>
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<td>$30 with student I.D. (on-site registration only)</td>
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<tr>
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<td>$0 with letter (on-site registration only)</td>
<td>$0 with letter (on-site registration only)</td>
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<tr>
<td>Cancellation Fee</td>
<td>$75 up to April 2, 2018; no refund after April 2, 2018</td>
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**MONDAY, MAY 7, 7:00 PM – 9:30 PM**

**IMMUNOLOGY 2018™ GALA**

*Generously sponsored by BioLegend*

This year’s Gala will be held at the world-famous Stubb’s Bar-B-Q, Austin’s premier indoor/outdoor music venue. Unwind with your colleagues for a boot stompin’ good time! Enjoy an authentic Texas style BBQ buffet with all the trimmings (vegetarian options provided), and dance to the music of The Nightowls, dubbed Austin’s “Soul Royalty.”
ABSTRACT SUBMISSION TOPICS
For more details on what the following topics include, visit www.IMMUNOLOGY2018.org/abstracts.

- Antigen Processing and Presentation
- Basic Autoimmunity
- Cellular Adhesion, Migration, and Inflammation
- Cytokine and Chemokine Receptors
- Hematopoiesis and Immune System Development
- Immediate Hypersensitivity, Asthma, and Allergic Responses
- Immune Mechanisms of Human Disease
- Immune Response Regulation: Cellular Mechanisms
- Immune Response Regulation: Molecular Mechanisms
- Immunology Education
- Innate Immune Responses and Host Defense: Cellular Mechanisms
- Innate Immune Responses and Host Defense: Molecular Mechanisms
- Lymphocyte Differentiation and Peripheral Maintenance
- Microbial, Parasitic, and Fungal Immunology
- Mucosal and Regional Immunology
- Technological Innovations in Immunology
- Therapeutic Approaches to Autoimmunity
- Transplantation Immunology
- Tumor Immunology
- Vaccines and Immunotherapy
- Veterinary and Comparative Immunology
- Viral Immunology

Approximately 500 outstanding abstracts will be programmed into oral sessions called Block Symposia.

Over 700 AAI members receive AAI travel awards each year!

POSTERS
Experience the most interactive part of the meeting during the Daily Dedicated Poster Presentation Time, 2:30 PM – 3:45 PM.

See the most recent data presented by scientists conducting the work.

Note: Posters are to be displayed only on their assigned presentation day. They must be up no later than 9:30 AM and removed after 3:45 PM. Authors may hang their posters as early as 7:30 AM.

Abstracts presented in Block Symposia must also be displayed in the Exhibit Hall throughout their assigned poster presentation day. Authors must also present their data during their dedicated poster presentation time. Posters that are not presented at the meeting will not be published in the special meeting abstracts supplement to The Journal of Immunology.

EXHIBITOR WORKSHOPS
Take advantage of the knowledge-building opportunities presented in Exhibitor Workshops. Located on the Exhibit Floor, these workshops explore the newest technologies, products, and services through demonstrations and discussions.

Workshops are planned and conducted by exhibitors; these presentations do not constitute endorsement of any product or service by AAI.
Post Online and Meet On-site
AAI offers career services to job-seekers and employers through a Jobs Board—free for meeting registrants and exhibitors. Jobs Board submission information will be available online in February 2018.

IMPORTANT DATES AND DEADLINES

Abstract Submission
Abstract Submission Opens November 28, 2017
Abstract Submission Closes January 9, 2018

Registration
Registration Opens December 11, 2017
Early Registration Discount Ends March 23, 2018

Awards
Career Award Nominations Due October 26, 2017
Travel Award Applications Open November 28, 2017
Travel Award Applications Due January 9, 2018

Housing
Housing Reservations Now Open!
Hotel Rate Discounts End April 11, 2018

www.IMMUNOLOGY2018.org

To register for the meeting, visit www.IMMUNOLOGY2018.org/register.