

CALL FOR ABSTRACTS

IMMUNOLOGY 2018™

Annual Meeting of The American Association of Immunologists



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

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

2018 PRESIDENT'S PROGRAM

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

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

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.

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
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**Daily
Dedicated Poster
Presentation
Time
2:30 PM –
3:45 PM**

MAJOR SYMPOSIA

SATURDAY, MAY 5

8:00 AM – 11:30 AM

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 Col. of Med.

Speakers:

Shannon J. Turley, Genentech
Frederic Geissmann, Mem. Sloan Kettering Cancer Ctr.
Robyn S. Klein, Washington Univ. Sch. of Med.
Jun R. Huh, Harvard Med. Sch.
Gretchen Diehl, Baylor Col. of Med.
Bruno Lemaitre, Global Hlth. Inst., EPFL Lausanne, Switzerland

SUNDAY, MAY 6

8:00 AM – 11:30 AM

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
Thirumala-Devi Kanneganti, St. Jude Children's Res. Hosp.

All session information subject to change.

MONDAY, MAY 7

8:00 AM – 11:30 AM

MAJOR SYMPOSIUM E: Developing More Effective Cancer Immunotherapies

Chairs:

Robert D. Schreiber, Washington Univ. Sch. of Med.
Nina Bhardwaj, Icahn Sch. of Med. at Mt. Sinai

Speakers:

James P. Allison, Univ. of Texas MD Anderson Cancer Ctr.
Robert D. Schreiber, Washington Univ. Sch. of Med.
Nina Bhardwaj, Icahn Sch. of Med. at Mt. Sinai
Sandra Demaria, Weill Cornell Med.
Patrick A. Ott, Dana Farber Cancer Inst., Brigham and Women's Hosp., and Harvard Med. Sch.
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

TUESDAY, MAY 8

8:00 AM – 11:30 AM

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:

Kevin J. Tracey, Feinstein Inst. for Med. Res.
Tajie H. Harris, Univ. of Virginia

Speakers:

Kevin J. Tracey, Feinstein Inst. for Med. Res.
Tajie H. Harris, Univ. of Virginia
Isaac M. Chiu, Harvard Med. Sch.
Paul Kubes, Univ. of Calgary, Canada
Betty Diamond, Feinstein Inst. for Med. Res.
Diana Bautista, Univ. of California, Berkeley

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 of 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 Résumé
- 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.

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."

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

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 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 to view all a la carte program options.

REGISTRATION CATEGORIES AND FEES	Early Deadline March 23	Advance March 24– May 3	On-site May 4 or later
Member (Regular, Associate, and Postdoc)	\$380	\$490	\$550
Nonmember	\$620	\$745	\$775
Graduate Student Member	\$110	\$135	\$170
Graduate Student Nonmember	\$225 with student photo I.D. (on-site registration only)		
Emeritus Member	\$125	\$160	\$185
Undergrad Student	\$30 with student photo I.D. (on-site registration only)		
HS Teacher, HS Student	\$0 with letter (on-site registration only)		
Cancellation Fee	\$75 up to April 2, 2018; no refund after April 2, 2018		

JOIN AAI!

SAVE on registration and abstract fees, and become eligible for travel awards. Visit www.aai.org/membership.

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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!

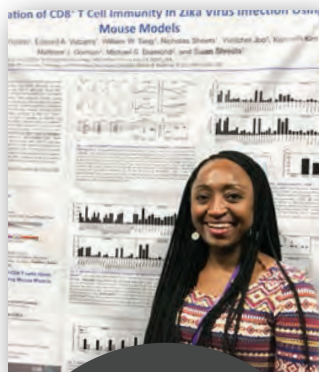
POSTERS

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.



MEET THE EXHIBITORS ONLINE!

Visit www.IMMUNOLOGY2018.org to learn about all the exciting new products and services you will see at IMMUNOLOGY 2018™.



Daily Dedicated Poster Presentation Times

Saturday through Monday: 2:30 PM – 3:45 PM
Poster and Exhibit Hall hours: 9:30 AM – 4:30 PM

IMPORTANT: For author abstract presentation guidelines, visit www.IMMUNOLOGY2018.org.

EXHIBIT HALL

Open **Saturday, Sunday, Monday from 9:30 AM – 4:30 PM.**

Leading scientific companies and organizations will showcase their products and services. Returning this year is the AAI Passport to Prizes raffle for attendees visiting the Exhibit Hall. Three lucky people will win a \$250 gift card! Plan which exhibits you wish to visit and learn more by viewing the interactive exhibit hall: www.IMMUNOLOGY2018.org.



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.



Join us in AUSTIN this May for GREAT SCIENCE!

IMMUNOLOGY 2018™

JOBS BOARD

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.



TAKE ADVANTAGE
OF THIS FREE
CAREER SERVICE
FOR ATTENDEES
AND EXHIBITORS!



Photo credit: Andy Forde

Come to IMMUNOLOGY 2018™ for great science, networking and social events, career development programs, and exhibits featuring exciting products and services to benefit you in your research!

In addition to all this, IMMUNOLOGY 2018™ attendees will enjoy the lively nightlife and eclectic atmosphere of Austin, Texas!

Register before March 23, 2018, and take advantage of the Early Registration Discount!

Learn more at www.IMMUNOLOGY2018.org.

Book Your Hotel Early for the Best Selection and Rates!

Get exclusive benefits when you book your stay through the AAI-designated housing service—**onPeak**.

- No pre-payment charged at time of booking—Book Now, Pay Later
- Deeply discounted rates at hotels within walking distance of the Convention Center
- Greater networking opportunities at official hotels

View hotels in the AAI block at www.IMMUNOLOGY2018.org/hotel-travel

IMMUNOLOGY 2018™

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

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



Photo Credit: Andy Mahr Courtesy of Visit Austin