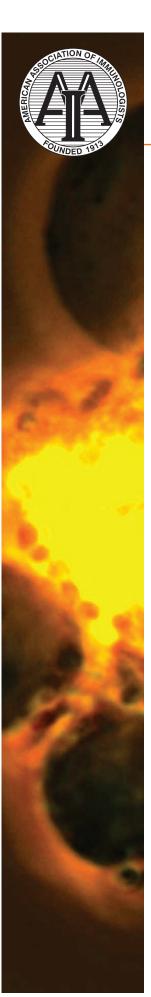
The Journal of Immunology





2015 Advanced Course in Immunology

August 2–7, 2015 • Seaport World Trade Center, Boston, Massachusetts

Director: Leslie J. Berg, Ph.D.

University of Massachusetts Medical School

Don't miss the premier course in immunology for research scientists!

This intensive course is directed toward advanced trainees and scientists who wish to expand or update their understanding of the field. Leading experts will present recent advances in the biology of the immune system and address its role in health and disease. This is not an introductory course; attendees will need to have a firm understanding of the principles of immunology.

Faculty

Marc K. Jenkins, Center for Immunology University of Minnesota Medical School Anatomy of the Immune Response

Jonathan C. Kagan, Children's Hospital Boston Harvard Medical School Innate Immunity: Pattern Recognition and Anti-microbial Mechanisms

Bruce Horwitz, Brigham & Women's Hospital, Harvard Medical School Innate Immunity: Gene Regulation

Albert S. Bendelac, University of Chicago Innate Immunity: Cellular Mechanisms

Wayne M. Yokoyama, Washington University School of Medicine NK Cells — Their Receptors and Function in Health and Disease

Michael C. Carroll, Immune Disease Institute Harvard Medical School Molecular and Cellular Mediators of Inflammation

Brian T. Edelson, Washington University School of Medicine
Dendritic Cells

Eugene M. Oltz, Washington University School of Medicine
The Generation and Modification of Lymphocyte
Antigen Receptor Genes

Kay L. Medina, Mayo Clinic B Cell Development

Avinash Bhandoola, NCI, NIH T Cell Development

Kenneth L. Rock, University of Massachusetts Medical School MHC-Restricted Antigen Presentation to T Cells

Leslie J. Berg, University of Massachusetts Medical School Signaling from Antigen Receptors

Joshy Jacob, Emory University School of Medicine B Cell Memory

Arup K. Chakraborty, Massachusetts Institute of Technology Computational Modeling of Immunological Processes

Brian A. Cobb, Case Western Reserve University School of Medicine Glycoimmunology

Richard S. Blumberg, Brigham & Women's Hospital, Harvard Medical School Mucosal Immunity

Joel D. Ernst, New York University School of Medicine Immune Response to Pathogens

Jennifer Anolik, University of Rochester Medical Center B Cell Tolerance and Autoimmunity

David Hafler, Yale School of Medicine T Cell Tolerance and Autoimmunity

Lisa H. Butterfield, University of Pittsburgh Tumor Immunology

Joanne L. Viney, Biogen Idec Immunotherapeutics

Also included will be lectures on: *T Cell Memory* and *Vaccines*

For complete course details and registration, visit: www.aai.org/Education/Courses

For assistance, contact (301) 634-7178 or meetings@aai.org. Overseas applicants are advised to apply early for visas; for details, visit www.aai.org/Education/Courses/Visa.html.



of immunology and attain your professional goals. You'll stand with members representing immunological research concerns on Capitol Hill. Plus, you gain access to:

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To learn more about how your professional life is enriched by membership in AAI, call 301.634.7195 or visit www.aai.org today.



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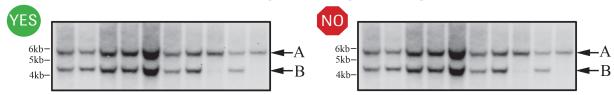
AAI Trainee Poster Awards

Digital Image Dos and Don'ts

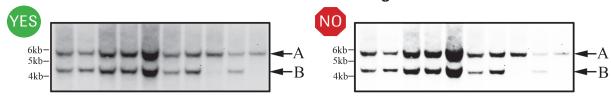


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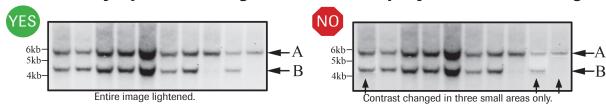
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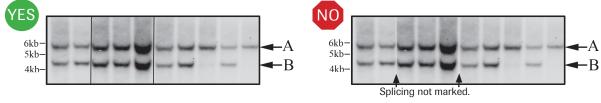


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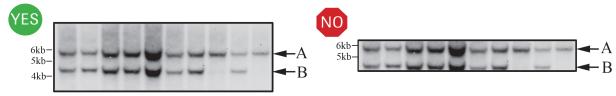


4. Indicate any splicing of data from a single experiment by contrasting (black or white) lines; state the manipulation in the legend.

Images from different experiments should not be spliced to form a new single image.



5. Crop gels and blots conservatively, retaining important bands.



- All images submitted to The Journal of Immunology must accurately represent the original data.
- Original data (digital files, autoradiographs, films, etc.) for all experiments should be fully annotated, secured, and retrievable for up to 10 years.
- The original image file (raw data file) should be kept in an unprocessed and non-compressed file format.
- Figures that are compiled into multi-figure panels should be kept individually.

Chronicling the AAI Legacy

1913-2014



THE SCIENTISTS BEHIND THE SCIENCE

AAI Oral History Project Available Online

To provide contemporary investigators and the public a rare view into the lives and times of influential immunologists, AAI arranged for the award-winning Oral Historian Brien Williams, Ph.D., to interview past AAI presidents, beginning in the spring of 2012. Interviewees were asked about their family backgrounds, early interest in science, reasons for studying immunology, career and research highlights, challenges faced, balancing professional and private life, hobbies outside of the laboratory, major changes in immunology over the course of their careers, and the future of immunology and science in the United States. The sessions, typically one and one-half to two hours in length, were professionally recorded and edited in high-definition video.

"Scientific contributions live on as researchers continue to build upon the work of the past, yet present-day investigators often know little about the scientists responsible for them," said AAI Historian John Emrich, Ph.D., who first conceived of the Oral History Project in 2011. "The 'Pillars of Immunology' series in *The Journal of Immunology* makes the connections between past and present science more explicit than they otherwise would be, but investigators rarely have the opportunity to hear about their predecessors' motivations, their hardships suffered and overcome, their lives outside of the laboratory, or even their candid thoughts on the state of the field."

To date, 25 past presidents have been interviewed. Their presidential terms span five decades, from that of Herman Eisen (AAI '51, president 1968–69, now deceased) to Leslie Berg

(AAI '94, president 2011–12). Included in this group were two past presidents in their 90s, Eisen and David Talmage (AAI '54, president 1978–79, now deceased); six in their 80s; and four in their 70s.

The memories and reflections contained in these interviews constitute an important facet of the history of immunology that would likely be lost to future generations if not preserved in the AAI Oral History Project. As AAI continues to conduct interviews with additional presidents and other influential immunologists, members and the general public are invited to view the oral histories already recorded. Video clips and the full-length interviews, which have been optimized for playback on TVs, computers, and mobile devices, are available at www.aai.org/ohp.



- Herman N. Eisen (1968–69)
- K. Frank Austen (1977–78)
- David W. Talmage (1978–79)
- Jonathan W. Uhr (1983–84)
- William E. Paul (1986–87)
- Max D. Cooper (1988–89)
- Henry Metzger (1991–92)
- Frank W. Fitch (1992–93)
- Ellen S. Vitetta (1993–94)

- Irving L. Weissman (1994–95)
- Richard W. Dutton (1995–96)
- Katherine L. Knight (1996–97)
- Roger M. Perlmutter (1999–2000)
- Philippa Marrack (2000–01)
- James P. Allison (2001–02)
- Paul W. Kincade (2002–03)
- Laurie H. Glimcher (2003–04)

- Susan L. Swain (2004–05)
- Paul M. Allen (2005–06)
- Lewis L. Lanier (2006–07)
- Olivera J. Finn (2007–08)
- Arthur Weiss (2008–09)
- Betty A. Diamond (2009–10)
- Jeffrey A. Frelinger (2010–11)
- Leslie J. Berg (2011–12)





Grant Review for Immunologists Program

Get a GRIP: An AAI program designed to help new investigators prepare their NIH grant proposals

The AAI Grant Review for Immunologists Program (GRIP) offers new principal investigators (PIs) access to established PIs for guidance in preparing grant proposals as they embark on their independent careers. Early-career PIs (assistant professors or equivalents) are invited to submit their grants' "Specific Aims" pages to the GRIP coordinator who, with the assistance of a small volunteer subcommittee, will attempt to match each topic of the proposal with the research experience of an established PI. Matches will be made as quickly as possible to allow participants to meet upcoming NIH grant deadlines. Participation is open only to AAI regular members and is strictly voluntary. The program is not intended to supplant internal mentoring programs at applicants' institutions.

To apply, please send your CV and the grant's "Specific Aims" page to infoaai@aai.org. (please write "GRIP" in the subject line)

To volunteer as a mentor, please send your CV and a brief description of your grant-reviewing experience to infoaai@aai.org. (subject line "GRIP")



Program details at aai.org/Education/GRIP

The Proud History of AAI



1913-2014

Chronicling the AAI Legacy. AAI staff historians and scientists are rigorously researching, archiving, and publishing materials to preserve the proud heritage of the association. Articles posted in the history section of the AAI website, www.aai.org/about/history, include:

- The Founding of AAI
- The Science at the First AAI Annual Meeting
- The Founding of *The Journal of Immunology*
- "Studies in Anaphylaxis": The First Article in *The Journal of Immunology*
- Elise Strang L'Esperance: Pioneer in Cancer Prevention and Recipient of Lasker Award
- Immunologists during the First World War: One Soldier-Scientist's Experience—Stanhope Bayne-Jones
- The 1918–1919 Influenza Pandemic as Covered in *The Journal* of *Immunology*
- Anna Wessels Williams: Infectious Disease Pioneer and Public Health Advocate

- 100 Years of AAI: A Look Back at Two Early Immunologists in Hawaii
- PI in the Scotland Yard of Streptococcal Mysteries: Rebecca Lancefield
- From the Archives: What's Old is New Again: Early Editors of *The JI* Act to Address Perennial Challenges in the Peer-Review and Editing Process
- A Legacy of Advocacy Is Born as AAI Confronts McCarthyism
- Creating a Buzz in the Field of Immunology: Mary Hewitt Loveless and the Development of Venom Therapy for the Prevention of Sting-Induced Anaphylaxis
- The Emergence of Immunology in Pittsburgh

Explore the history of AAI at www.aai.org/about/history

AAI Website

The history section of the AAI website continues to evolve as a living archive. Current and future resources include:

- AAI history articles published in the *AAI Newsletter*
- Oral History Project—exclusive interviews offering a rare glimpse into the lives and times of influential immunologists
- Digital Immunology Timeline, including all the images from the physical Centennial Timeline as well as citations for the scientific events
- Profiles of notable AAI members, including AAI Nobel and Lasker recipents, and past presidents and officers
- An eBook of commentaries on "Pillars" articles from *The Journal of Immunology*
- AAI Story Booth—attendees' favorite immunology recollections, recorded at IMMUNOLOGY 2013[™] and IMMUNOLOGY 2014[™]