191 (6)

J Immunol 2013; 191:2853-3478; ; http://www.jimmunol.org/content/191/6

This information is current as of June 12, 2022.
Table of Contents

IN MEMORIAM
2853 Leo Lefranc, Jr., Ph.D. (AAI ’84) 1956–2013
A Stunning Loss and a Lasting Legacy
Marc K. Jenkins

IN THIS ISSUE
2855 Optical Disease Impacts Pregnancy See article p. 2999
MicroRNA-210 Balances B Cell Immunity See article p. 3037
Autoreactive and Anti-HIV? See articles p. 3179 and p. 3186
Lard Legacy See article p. 3200
Tailoring TCR Tumor Therapy See article p. 3232
Modeling Bacteria with Beads See article p. 3254
Fishing for Ig Diversity See article p. 3410
DNA Methylation Maps CD8 T Cell Fate See article p. 3419

BRIEF REVIEWS
2857 Processes of Sterile Inflammation
Hua Shen, Daniel Kreisel, and Daniel Robert Goldstein

CUTTING EDGE
2865 Cutting Edge: Ly49C/I
Neonatal NK Cells Predispose Newborns to Autoimmune Ovarian Disease
Induced by Maternal Autoantibody
Claudia Rival, Eileen Samy, Yulius Setiady, and Kenneth Tung

ALLERGY AND OTHER HYPERSENSITIVITIES
2871 The Tetraspanin CD63 Is Required for Efficient IgE-Mediated Mast Cell Degranulation and Anaphylaxis
Stefan Kraft, Marie-Hélène Jouvin, Nitin Kulkarni, Sandra Kissing, Ellen S. Morgan, Ann M. Dvorak, Bernd Schröder, Paul Safiig, and Jean-Pierre Kinet

On the cover: Overexpression of RIG-I fails to suppress HBV replication in Huh7 cells. Huh7 cells were cotransfected with RIG-I expression plasmid and the HBV replicative plasmid. The confocal microscopic image shows that cells with RIG-I expression (red) are also positive for HBV core Ag (green), indicating that RIG-I signaling fails to suppress HBV replication. Lu, H.-L., and F. Liao. 2013. Melanoma differentiation–associated gene 5 senses hepatitis B virus and activates innate immune signaling to suppress virus replication. J. Immunol. 191: 3264–3276.
2879 Alendronate Attenuates Eosinophilic Airway Inflammation Associated with Suppression of Th2 Cytokines, Th17 Cytokines, and Eotaxin-2
Oh Sasaki, Mitsuru Imamura, Yusuke Yamazumi, Hiroki Harada, Taku Matsumoto, Katsuhide Okunishi, Kazuyuki Nakagome, Ryochi Tanaka, Tetsu Akiyama, Kazuhiko Yamamoto, and Makoto Dohi

2890 Establishment of a Human Allergy Model Using Human IL-3/GM-CSF–Transgenic NOG Mice
Ryoji Ito, Takeshi Takahashi, Ikumi Katano, Kenji Kawai, Tsutomu Kamioka, Tomoyuki Ogura, Miyuki Ida-Tanaka, Hiroshi Suemizu, Satoshi Nunomura, Chie Se, Akio Morii, Sadakazu Aiso, and Mamoru Ito

2900 Human Airway Eosinophils Exhibit Preferential Reduction in STAT Signaling Capacity and Increased CISH Expression
Mandy E. Burnham, Cynthia J. Koziol-White, Stephane Enault, Mary E. Bates, Michael D. Evans, Paul J. Bertics, and Loren C. Denlinger

ANTIGEN RECOGNITION AND RESPONSES

2907 Long-Term IgG Response to Porcine Neu5Gc Antigens without Transmission of PERV in Burn Patients Treated with Porcine Skin Xenografts
Linda Scobie, Vered Padler-Karatani, Stephanie Le Bas-Bernardet, Claire Crossan, Josef Blaha, Magda Matouskova, Ralph D. Hector, Emanuele Cozzi, Bernard Vanhove, Beatrice Charreau, Gilles Blanchon, Ludovic Bourdais, Mariachiara Tallaccini, Juan M. Ribe, Hai Yu, Xi Chen, Jitka Kracikova, Ludomir Broz, Jiri Hejn, Pavel Vesely, Yasuhiro Takeuchi, Ajit Varki, and Jean-Paul Soulillou

2916 Enhanced TCR Footprint by a Novel Glycolipid Increases NKT-Dependent Tumor Protection
Santraine Aspeelagh, Marek Nemcovic, Nora Pauwels, Koen Venken, Jing Wang, Serge Van Caenbergh, Dirk M. Zajonc, and Dirk Elewaut

AUTOIMMUNITY

2926 TLR9 Deficiency Promotes CD73 Expression in T Cells and Diabetes Protection in Nonobese Diabetic Mice
Ningwen Tai, F. Susan Wong, and Li Wen

2938 Targeting of Autoantigens to DEC205+ Dendritic Cells In Vivo Suppresses Experimental Allergic Encephalomyelitis in Mice
Sabine Ring, Michael Maas, Dirk M. Nettelbeck, Alexander H. End, and Karsten Mabnke

2948 The Cellular Source and Target of IL-21 in K/BxN Autoimmune Arthritis
Katharine E. Block and Haochu Huang

2956 A Synthetic TLR3 Ligand Mitigates Profibrotic Fibroblast Responses by Inducing Autocrine IFN Signaling
Feng Fang, Kohtaro Ook, Xiaoyong Sun, Ruchi Shah, Swati Bhattacharyya, Jun Wei, and John Varga

2967 The Interdependent, Overlapping, and Differential Roles of Type I and II IFNs in the Pathogenesis of Experimental Autoimmune Encephalomyelitis
Rodrigo Naves, Simer P. Singh, Kevin S. Cashman, Amber L. Rouse, Robert C. Axtell, Lawrence Steinman, John D. Mountz, Chad Steele, Patrizia De Sarno, and Chander Raman

2978 B Cells, Dendritic Cells, and Macrophages Are Required To Induce an Autoreactive CD4 Helper T Cell Response in Experimental Epidermolysis Bullosa Acquisita
Hiroaki Iwata, Katja Bieber, Benjamin Tiburzy, Navina Chrobok, Kathrin Kalies, Atsushi Shimizu, Sarah Leineweber, Akira Ishiko, Artem Vorobyev, Detlef Zillikens, Jörg Köhl, Jürgen Westermann, Karsten Seeger, Rudolf Manz, and Ralf J. Ludwig

2989 Systemic Lupus Erythematosus Immune Complexes Increase the Expression of SLAM Family Members CD319 (CRACC) and CD229 (LY-9) on Plasmacytoid Dendritic Cells and CD319 on CD56dim NK Cells
Niklas Hagberg, Jakob Theorell, Heinrich Schlums, Maija-Leena Eloranta, Yenan T. Bryceson, and Lars Wennblom

CLINICAL AND HUMAN IMMUNOLOGY

2999 Neuromyelitis Optica IgG Causes Placental Inflammation and Fetal Death
Samira Saadoun, Patrick Waters, M. Isabel Leite, Jeffrey L. Bennett, Angela Vincent, and Marios C. Papadopoulos
Characterization of Resident B Cells of Vascular Walls in Human Atherosclerotic Patients
Moustafa Hamze, Caroline Desmouze, Marie Laurence Berthe, Pascal Roger, Nathalie Bouillé, Pascal Brancherou, Eric Picard, Caroline Guzman, Claire Tolza, and Paul Guglielmi

IMMUNE REGULATION

Transcriptional Regulation of IL-15 Expression during Hematopoiesis
Sara L. Colpitts, Spencer W. Stonier, Thomas A. Stoklasek, Sierra H. Root, Hector Leonardo Aguilá, Kimberly S. Schlans, and Leo Lefranc

CD8+ T Cells Produce the Chemokine CXCL10 in Response to CD27/CD70 Costimulation To Promote Generation of the CD8+ Effector T Cell Pool
Victor Peperzak, Elie A. M. Veraar, Yanling Xiao, Nikola Bajbula, Klaske Thiedens, Maricke Brigmans, and Jannie Borst

miR-210 Is Induced by Oct-2, Regulates B Cells, and Inhibits Autoantibody Production

Dermal Regulatory T Cells Display Distinct Migratory Behavior That Is Modulated during Adaptive and Innate Inflammation
Zachary Chow, Scott N. Mueller, James A. Deane, and Michael J. Hickey

IDO1 Plays an Immunosuppressive Role in 2,4,6-Trinitrobenzene Sulfate–Induced Colitis in Mice
Manabu Takamatsu, Akihiro Hirata, Hirofumi Ohtaki, Masato Hoshi, Yuichiro Hatanaka, Hiroyuki Tomita, Toshiya Kuno, Kunita Saito, and Akira Hara

Th17 Cells Carrying TCR Recognizing Epidermal Autoantigen Induce Psoriasis-like Skin Inflammation
Shubei Nishimoto, Hitoshi Kotani, Sanae Tsuruta, Nana Shimizu, Morita, Hayato Takahashi, Masayuki Amagai, and Akihiko Yoshimura

CD28 Sensitizes TCR Ca2+ Signaling during Ag-Independent Polarization of Plasma Membrane Rafts
Jennifer N. Byrum, Jeffrey S. Van Komen, and William Rodgers

CTLA4Ig Inhibits Effector T Cells through Regulatory T Cells and TGF-β
Christine M. Deppong, Traci L. Bricker, Brandy D. Rannals, Nico Van Rooijen, Chyi-Song Hsieh, and Jonathan M. Green

Dendritic Cell Reprogramming by Endogenously Produced Lactic Acid
Aikaterini Nasi, Tünde Fekete, Akilan Krishnamurthy, Stuart Snowden, Eva Rajnavölgyi, Anca I. Catrina, Craig E. Wheelock, Nancy Vivar, and Bence Rethi

T Cell–Derived IL-17 Mediates Epithelial Changes in the Airway and Drives Pulmonary Neutrophilia
Laura K. Fogli, Mark S. Sundrud, Davide Gne, Sofia Bajecia, Kari Jensen, Emmanuel Derudder, Amy Sun, Maryline Coffre, Catherine Uyttenbrouve, Jacques Van Steyck, Marc Schmidt-Supprian, Anjana Rao, Gabriele Grunig, Joan Durbin, Stefano S. Casola, Klaus Rajewsky, and Sergei B. Koralov

Reduced T-Dependent Humoral Immunity in CD20-Deficient Mice
Deeya El Deen Morry, Ratna Sanyal, Anne K. Zais, Rucha Deo, Dan A. Muruve, and Julie P. Deans

CCR7 Plays No Appreciable Role in Trafficking of Central Memory CD4 T Cells to Lymph Nodes
Bryan Vander Lugt, Noah J. Tubo, Suzanne T. Nizza, Marianne Boes, Bernard Malissen, Robert C. Fuhlbrigge, Thomas S. Kupper, and James J. Campbell

Plasma Cell Homeostasis: The Effects of Chronic Antigen Stimulation and Inflammation
Tom Slocombe, Sheila Brown, Katherine Miles, Mohini Gray, Tom A. Barr, and David Gray

IL-4 and Retinoic Acid Synergistically Induce Regulatory Dendritic Cells Expressing Aldh1a2
Bing Zhu, Thomas Buttrick, Ribah Basil, Chen Zhu, Marta Olah, Chuan Wu, Sheng Xiao, William Orent, Waisim Elyaman, and Samia J. Khoury
3152 Human CD1c+ Myeloid Dendritic Cells Acquire a High Level of Retinoic Acid–Producing Capacity in Response to Vitamin D3
Takayuki Sato, Toshio Kitawaki, Haruyuki Fujita, Makoto Iwata, Tonomori Iyoda, Kayo Inaba, Toshiaki Ohteki, Suguru Hasegawa, Kenji Kawada, Yoichiro Sakai, Hiroki Ikeshi, Hiroshi Nakase, Akira Niwa, Akifumi Takaori-Kondo, and Norimitsu Kadowaki

3161 IL-7 Modulates In Vitro and In Vivo Human Memory T Regulatory Cell Functions through the CD39/ATP Axis
Mehwish Younas, Sophie Hue, Christine Lacabaratz, Aurélie Guiguin, Aurélie Wiedmann, Mathieu Sureauaud, Stéphanie Beq, Thérèse Coughes, Jean-Daniel Lelièvre, and Yves Lévy

3169 B Cell–Intrinsic and –Extrinsic Regulation of Antibody Responses by PARP14, an Intracellular (ADP-Ribosyl)Transferase
Sung Hoon Cho, Ariel Raybuck, Mei Wei, John Erickson, Ki Taek Nam, Reagan G. Cox, Alyssa Trochtenberg, James W. Thomas, John Williams, and Mark Boothby

3179 B Cells from Knock-in Mice Expressing Broadly Neutralizing HIV Antibody b12 Carry an Innocuous B Cell Receptor Responsive to HIV Vaccine Candidates
Takayuki Ota, Colleen Doyle-Cooper, Anthony B. Cooper, Katherine J. Doore, Miyoko Aoki-Ota, Khoa Le, William R. Schief, Richard T. Wyatt, Dennis R. Burton, and David Nemazee

3186 Immune Tolerance Negatively Regulates B Cells in Knock-In Mice Expressing Broadly Neutralizing HIV Antibody 4E10
Colleen Doyle-Cooper, Krystalyn E. Hudson, Anthony B. Cooper, Takayuki Ota, Patrick Stog, Phillip E. Dawson, Michael B. Zweck, William R. Schief, Dennis R. Burton, and David Nemazee

3192 Induction of Functional Human Macrophages from Bone Marrow Promonocytes by M-CSF in Humanized Mice
Yan Li, Qingfeng Chen, Dabai Zheng, Lu Yin, Yok Hian Chionh, Lan Hong Wong, Shu Qi Tan, Thiam Chye Tan, Jerry K. Y. Chan, Sylvie Alonso, Peter C. Dedon, Bing Lim, and Jianzhu Chen

3200 Parental Dietary Fat Intake Alters Offspring Microbiome and Immunity
Ian A. Myles, Natalia M. Fontecilla, Brian M. Janelis, Paul J. Vithayathil, Julia A. Segre, and Sandip K. Datta

3208 Induction of Functional Human Macrophages from Bone Marrow Promonocytes by M-CSF in Humanized Mice
Yan Li, Qingfeng Chen, Dabai Zheng, Lu Yin, Yok Hian Chionh, Lan Hong Wong, Shu Qi Tan, Thiam Chye Tan, Jerry K. Y. Chan, Sylvie Alonso, Peter C. Dedon, Bing Lim, and Jianzhu Chen

3221 DNA Vaccine that Targets Hemagglutinin to MHC Class II Molecules Rapidly Induces Antibody-Mediated Protection against Influenza
Gunnveig Grodeland, Siri Mjaaland, Kenneth H. Roux, Agnete Brunsvik Fredriksen, and Bjarne Bogen

3232 Blockade of TGF-β Signaling Greatly Enhances the Efficacy of TCR Gene Therapy of Cancer
Gavin M. Bendle, Carsten Linnemann, Laura Bies, Ji-Ying Song, and Ton N. M. Schumacher

3240 Guanine Modification of Inhibitory Oligonucleotides Potentiates Their Suppressive Function
Franziska Rönnler, Marion Jurk, Eugen Uhlmann, Monika Hammel, Anna Waldhuber, Lavinia Pfeiffer, Hermann Wagner, Jörg Vollmer, and Thomas Miethke

3254 Noncovalent Association of Protein and Capsular Polysaccharide on Bacteria-Sized Latex Beads as a Model for Polysaccharide-Specific Humoral Immunity to Intact Gram-Positive Extracellular Bacteria
Jesus Colino, Lea S. Duke, and Clifford M. Snapper

3264 Melanoma Differentiation–Associated Gene 5 Senses Hepatitis B Virus and Activates Innate Immune Signaling To Suppress Virus Replication
Hsin-Lin Lu and Fang Liao
The Rate of Immune Escape Vanishes When Multiple Immune Responses Control an HIV Infection
Hanneke W. M. van Deutekom, Gilles Wijnker, and Rob J. de Boer

Identification of a Phage-Encoded Ig-Binding Protein from Invasive Neisseria meningitidis
Maike G. Müller, Jessica Y. Ing, Mike Kai-Wick Cheng, Becca A. Flitter, and Gregory R. Moe

Persistence of the Bacterial Pathogen Granulibacter bethesdensis in Chronic Granulomatous Disease Monocytes and Macrophages Lacking a Functional NADPH Oxidase
Jessica Chu, Helen H. Song, Kol A. Zarember, Teresa A. Mills, and John I. Gallin

Hepatitis C Virus–Infected Cells Downregulate Nkp30 and Inhibit Ex Vivo NK Cell Functions
Kayla A. Holder, Staci N. Stapleton, Maureen E. Gallant, Rodney S. Russel, and Michael D. Grant

INNATE IMMUNITY AND INFLAMMATION

Human SAP Is a Novel Peptidoglycan Recognition Protein That Induces Complement-Independent Phagocytosis of Staphylococcus aureus
Jang-Hyun An, Kenji Kurokawa, Dong-Jun Jung, Min-Jung Kim, Chan-Hee Kim, Yukari Fujimoto, Koichi Fukase, K. Mark Coggeshall, and Bok Luel Lee

Ubiquitin-Specific Protease 13 Regulates IFN Signaling by Stabilizing STAT1
Hom-Ming Yeh, Chia-Yi Yu, Ho-Chun Yang, Shib-Han Ko, Ching-Len Liao, and Yi-Ling Lin

Toll IL-1R8/Single Ig IL-1–Related Receptor Regulates Psoriasiform Inflammation through Direct Inhibition of Innate IL-17A Expression by γδ T Cells
Shane E. Russell, Anna M. Stefanuk, Malgorzata Kubica, Rachel M. Horan, Alberto Mantovani, Cecilia Garlanda, Padraic G. Fallon, and Patrick T. Walsh

Contributions of the Three CYP1 Monooxygenases to Pro-Inflammatory and Inflammation-Resolution Lipid Mediator Pathways
Senad Divanovic, Jemond Dalli, Lucia F. Jorge-Nebert, Lea M. Flick, Marina Gálvez-Peralta, Nicholas D. Boespflug, Traci E. Stankiewicz, Jonathan M. Fitzgerald, Makeshika Somarathna, Christopher L. Karp, Charles N. Serban, and Daniel W. Nebert

Resident Renal Mononuclear Phagocytes Comprise Five Discrete Populations with Distinct Phenotypes and Functions
Takahisa Kawakami, Julia Lichtnekert, Lucas J. Thompson, Prasanthi Karn, Hicham Bouabe, Tobias M. Hohl, Jay W. Heinecke, Steven F. Ziegler, Peter J. Nelson, and Jeremy S. Duffield

Apoptosis-Associated Speck–like Protein Containing a Caspase Recruitment Domain Inflammasomes Mediate IL-1β Response and Host Resistance to Trypanosoma cruzi Infection
Grace Kelly Silva, Renata Sesti Costa, Tatiana Nuno Silva, Braulia Costa Caetano, Catarina Velrini Horta, Fredy Roberto Salazar Gutierrez, Paulo Marcus da Matta Guedes, Warrison Athanásio Andrade, Mariana De Niz, Ricardo Tostes Gazzinelli, Dario Sinôes Zamboni, and João Santana Silva

Type I IFNs Downregulate Myeloid Cell IFN-γ Receptor by Inducing Recruitment of an Early Growth Response 3/NGFI-A Binding Protein 1 Complex That Silences ifngr1 Transcription
Staci J. Kearney, Christine Delgado, Emily M. Eshleman, Krista K. Hill, Brian P. O’Connor, and Laurel L. Lenz

Negative Regulation of Nmi on Virus-Triggered Type I IFN Production by Targeting IRF7
Jie Wang, Bo Yang, Yu Hu, Yuhan Zheng, Haiyan Zhou, Yanming Wang, Yonglei Ma, Kairui Mao, Leidei Yang, Guomei Lin, Yongyong Ji, Xiaodong Wu, and Bing Sun

Morphine Prevents Lipopolysaccharide-Induced TNF Secretion in Mast Cells Blocking IκB Kinase Activation and SNAP-23 Phosphorylation: Correlation with the Formation of a β-Arrestin/TRAF6 Complex
Iris K. Madera-Salcedo, Silvia L. Cruz, and Claudia Gonzalez-Espinosa

MOLECULAR AND STRUCTURAL IMMUNOLOGY

Shark IgW C Region Diversification through RNA Processing and Isotype Switching
Cecilia Zhang, Louis Du Pasquier, and Ellen Hsu
OFFICERS

PRESIDENT
Marc K. Jenkins

VICE PRESIDENT
Linda A. Sherman

SECRETARY-TREASURER
Mitchell Kronenberg

PAST PRESIDENT
Gail A. Bishop

EXECUTIVE DIRECTOR
M. Michele Hogan

COUNCILLORS

JoAnne L. Flynn
Dan R. Littman
Arlene H. Sharpe
Wayne M. Yokoyama

PUBLICATIONS COMMITTEE

Chairperson: Eugene M. Oltz

Melissa A. Brown
Randy R. Brutkiewicz
Ann J. Feeney
Daniel R. Goldstein

Bethany B. Moore
Cathryn R. Nagler
Herman F. Staats

GRIP
Grant Review for Immunologists Program

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

AAI is pleased to offer a program to match new PIs with established PIs who have significant, successful grant writing careers. The Grant Review for Immunologists Program (GRIP) invites new PIs to submit an outline or NIH-style abstract to the GRIP coordinator who, with the assistance of a small volunteer subcommittee, will attempt to match the topic of the proposal with the research experience of an established PI. Matches will be made as quickly as possible to allow new PIs to meet upcoming NIH grant deadlines. Participation is open only to AAI members and is strictly voluntary. The program is not intended to supplant internal mentoring programs.

GRIP is now accepting both new PI and established PI participants. Please send your CV and a brief description of either your potential research project (new PIs) or grant reviewing experience (established PIs) to infoaai@aai.org (please write “GRIP” in the subject line).

Program details at www.aai.org/GRIP_rd.htm
MUCOSAL IMMUNOLOGY

3419 Global DNA Methylation Remodeling Accompanies CD8 T Cell Effector Function
Christopher D. Scharer, Benjamin G. Barwick, Benjamin A. Youngblood, Rafi Ahmed, and Jeremy M. Boss

CD4+CD25+Foxp3+ Regulatory T Cells Promote Th17 Responses and Genital Tract Inflammation upon Intracellular Chlamydia muridarum Infection
Jessica M. Moore-Connors, Robert Fraser, Scott A. Halperin, and Jun Wang

TRANSPLANTATION

3440 Vascular Endothelial Growth Factor-D–Mediated Blockade of Regulatory T Cells within Tumors Is Induced by Hematopoietic Stem Cell Transplantation
Takeshi Udagawa, Kenta Narumi, Koji Suzuki, Kouichirou Aida, Reina Miyakawa, Yoshinori Ikarashi, Atsushi Makimoto, Tatsuya Chikaraishi, Teruhiko Yoshida, and Kazunori Aoki

TUMOR IMMUNOLOGY

3453 Innate Immune Cell–Derived Microparticles Facilitate Hepatocarcinoma Metastasis by Transferring Integrin αMβ2 to Tumor Cells
Jingwei Ma, Wenqian Cai, Yi Zhang, Chunmei Huang, Huafeng Zhang, Jing Liu, Ke Tang, Pingwei Xu, Foad Katirai, Jianmin Zhang, Wei He, Duoyun Ye, Guan-Xin Shen, and Bo Huang

3462 Expression of Leukotriene B4 Receptor-1 on CD8+ T Cells Is Required for Their Migration into Tumors To Elicit Effective Antitumor Immunity
Rajesh Kumar Sharma, Zinal Chheda, Venkatakrishna Rao Jala, and Bodduluri Haribabu

3471 Death Receptor–Independent Activation-Induced Cell Death in Human Melanoma Antigen–Specific MHC Class I–Restricted TCR-Engineered CD4 T Cells
Arvind Chhabra and Bijay Mukherji

CORRECTIONS

3478 Correction: CCR5 Blockade in Combination with Cyclosporine Increased Cardiac Graft Survival and Generated Alternatively Activated Macrophages in Primates
Jun Li, Gang Chen, Ping Ye, Sihua Wang, Kaijun Zhang, Wenhao Chen, Stanislaw M. Stepkowski, Junhua Li, Shan Zhong, and Jiabong Xia

AUTHOR INDEX
Commemorative Literature. 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 Founding of *The Journal of Immunology*
- Immunologists during the First World War: One Soldier-Scientist’s Experience
- The 1918–1919 Influenza Pandemic as covered in *The Journal of Immunology*
- The Science at the First AAI Annual Meeting
- Anna Wessels Williams, M.D.: Infectious Disease Pioneer and Public Health Advocate
- Elise Strang L’Esperance, M.D.: Pioneer in Cancer Prevention and Recipient of Lasker Award
- “Studies in Anaphylaxis”: The First Article in *The Journal of Immunology*
- Rebecca Lancefield, Ph.D. (AAI 1933; President 1961–62): PI in the Scotland Yard of Streptococcal Mysteries
- 100 Years of AAI in Hawaii: A Look Back at Two Early Immunologists on the Islands

Visit www.aai.org/About/History to explore the history of AAI

AAI Website

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

- Profiles of AAI Nobel and Lasker recipients
- AAI history articles published in the AAI Newsletter
- An eBook of commentaries on “Pillars” articles from *The Journal of Immunology*
- Illustrated AAI Centennial Timeline
- Oral History Project—exclusive interviews offering a rare glimpse into the lives and times of influential immunologists
- AAI StoryBooth—attendees’ favorite immunology career recollections, recorded at IMMUNOLOGY 2013™

Future AAI Annual Meetings

Mark Your Calendar for the Premier Annual Immunology Event!

**2014**

IMMUNOLOGY 2014™
May 2–6
Pittsburgh, Pennsylvania

**2015**

IMMUNOLOGY 2015™
May 8–12
New Orleans, Louisiana

**2016**

IMMUNOLOGY 2016™
May 13–17
Seattle, Washington