

Meeting Program





Joint Meeting

2011

April 15 - 17, 2011

The Fairmont Chicago Chicago, Illinois





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Special Events at the 2011 ASCI/AAP Joint Meeting

Friday April 15

ASCI Welcome Reception

6 - 7 p.m.

Imperial Ballroom Foyer (Level B2)

OPEN TO ALL MEETING ATTENDEES

The ASCI Welcome Reception provides a relaxed environment for attendees of the 2011 ASCI/AAP Joint Meeting to begin their weekend.

ASCI Dinner

7-9 p.m.

Moulin Rouge, 1st floor

TICKETED GUESTS ONLY

The ASCI welcomes its new members for 2011 at its Annual Dinner.

Speaker: Louis F. Reichardt, PhD University of California, San Francisco

"Coping with Challenge: Lessons from K2 for a Life in Science"

Saturday April 17

AAP Reception and Dinner

7 - 10 p.m.

TICKETED GUESTS ONLY

The AAP welcomes its new members for 2011 at its Annual Reception and Dinner. The reception begins at 7 p.m. in the **Imperial Ballroom Foyer (Level B2)**, followed by dinner in the Imperial Ballroom at 8 p.m.

Speaker: Harlan Krumholz, MD, Yale University

"Leveraging Research for Change: Making Minutes Count"

Dessert Reception

10 p.m. - Midnight

OPEN TO ALL MEETING ATTENDEES

The day concludes with a fantastic array of dessert items and a cash bar. All attendees are welcome!

Imperial Ballroom Foyer







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General Information

Continuing Medical Education (CME)

Accreditation and Credit Designation

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the University of Chicago Pritzker School of Medicine and The American Society for Clinical Investigation and the Association of American Physicians. The University of Chicago Pritzker School of Medicine is accredited by the ACCME to provide continuing medical education for physicians. The University of Chicago Pritzker School of Medicine designates this live activity for a maximum of 6.75 AMA PRA Category 1 Credits™. Physicians should claim only credit commensurate with the extent of their participation in the activity.

Learning Objectives

The theme of the 2011 ASCI/AAP Joint Meeting is the Scientific Basis of Disease and Therapy. The program will feature lectures by accomplished researchers who will discuss state-of-the-art advances in their respective fields. The program is designed to foster in-depth discussions and close interactions among the meeting participants. At the completion of this meeting, participants will be able to: (1) describe important recent advances in the scientific basis of disease and therapy, and (2) describe the roles that improved understanding of these advances can play in the potential treatment of human disease.

Overall Meeting Evaluation

The ASCI/AAP Joint Meeting Planning Committee needs your input to enhance future meetings. An online meeting evaluation survey will be emailed to you shortly after the Joint Meeting. Your participation in this survey is greatly appreciated.



Poster Session Schedule

Friday, April 15

Setup 1:00 p.m. – 3:00 p.m. **Viewing** 6:00 p.m. – 9:30 p.m.

Saturday, April 16

 Viewing
 7:00 a.m. – Noon

 Presentation
 Noon – 1:30 p.m.

 Dismantle
 1:30 p.m. – 2:00 p.m.

Presenters must be at their posters from Noon -1:30 p.m. on April 16. Presenters are not required to be present during all viewing hours.

Best Poster Awards

Best Poster Awards will be given in the amount of \$1,000 each. Members of the ASCI and the AAP will judge posters on scientific novelty, quality and clarity of presentation. Awards will be presented on Sunday, 9:00 a.m. - 9:10 a.m.

ASCI Membership Desk

Visit the ASCI membership desk in the foyer of the International Ballroom for a list of new members and to pick up complimentary recent issues of *The Journal of Clinical Investigation*.

AAP Membership Desk

Visit the AAP membership desk in the foyer of the International Ballroom. The AAP staff will be there to greet you and answer membership questions.

Registration Hours

Friday, April 15 7:00 a.m. – 7:00 p.m. 7:00 a.m. – 5:00 p.m. 7:00 a.m. – 5:00 p.m. 7:00 a.m. – 10:00 a.m.



Friday, April 15

Time	Event	Location
7:00 a.m. – 7:00 p.m.	Registration	International Ballroom Foyer
8:00 a.m. – 4:00 p.m.	APSA Business Meeting/Sessions	Moulin Rouge
1:00 p.m. – 3:00 p.m.	Poster Setup	Imperial Ballroom
1:00 p.m. – 4:00 p.m.	APSA Plenary Session 1	Moulin Rouge
1:00 p.m. – 1:15 p.m.	Welcoming Remarks Gregory Botta, MD/PhD Candidate, Drexel University Cecino Ronquillo, MD/PhD Candidate, University of Utah APSA Annual Meeting Chairs	
1:15 p.m. – 1:55 p.m.	Careers in Translational Medicine — a Wealth of Opportun Speaker: Elizabeth R. Lawlor, MD, PhD, University of Michigan	
1:55 p.m. – 2:35 p.m.	Speaker: Catherine DeAngelis, MD, Johns Hopkins School of	Medicine
2:35 p.m. – 3:15 p.m.	An Update on the Scientific Vision Process for the Eunice Kennedy Shriver National Institute of Child Health & Human Development Speaker: Constantine Stratakis, MD, DSc, National Institutes of Health	
3:15 p.m. – 4:00 p.m.	Women and Medicine Panel and Discussion Catherine DeAngelis, MD Johns Hopkins School of Medicine Shannon Kenney, MD UW-Madison School of Medicine and Public Health David Markovitz, MD University of Michigan Health System Elizabeth Lawlor, MD, PhD University of Michigan Health System Jill Baren, MD University of Pennsylvania Health System Susan Smyth, MD, PhD University of Kentucky	
3:30 p.m. – 6:00 p.m.	Joint Meeting Plenary Session I "The Scientific Basis of Disease and Therapy" Chairs: David Brenner, MD, and Elizabeth McNally, MD, PhD	International Ballroom
3:30 p.m. – 4:00 p.m.	Intracellular Proteolysis and the Ubiquitin System: From the Backyard of Biological Research to the Front of Human Diseases Research and Drug Development Aaron Ciechanover, MD, DSc Technion-Israel Institute of Technology	
4:00 p.m. – 4:30 p.m.	Signaling Lessons from Death Receptors Vishva Dixit, MD Genentech	
4:30 p.m. – 4:45 p.m.	Outstanding Young Investigator Awards Presentation	
4:45 p.m. – 5:15 p.m.	Targeted Cancer Therapies: How Can We Make Them More Effective? Webster Cavenee, PhD University of California, San Diego	
5:15 p.m. – 5:45 p.m.	Molecular Pathology of Acute Leukemia James Downing, MD St. Jude Children's Research Hospital	
6:00 p.m. – 7:00 p.m.	ASCI Welcome Reception	Imperial Ballroom Foyer



Friday, April 15

Time	Event	Location
6:00 p.m. – 9:30 p.m.	Poster Viewing	Imperial Ballroom
7:00 p.m. – 9:00 p.m.	ASCI Annual Dinner / Introduction of New Members Speaker: Louis F. Reichardt, PhD University of California, San Francisco Coping with Challenge: Lessons from K2 for a Life Science	Moulin Rouge
7:00 p.m. – 9:00 p.m.	APSA Dinner Outing — offsite Groups will meet by the Registration Desk at the Fairmont Hotel	
9:00 p.m. – Midnight	APSA Welcome Reception APSA Presidential Address Christopher Alvarez-Breckenridge Ohio State University	Symphony Center, 220 S. Michigan

Saturday, April 16

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7:00 a.m. – 8:15 a.m.	Mentoring Breakfast	Moulin Rouge
7:00 a.m. – 8:15 a.m.	Continental Breakfast	International Ballroom Foyer
7:00 a.m. – 8:15 a.m.	Poster Viewing	Imperial Ballroom
7:00 a.m. – 5:00 p.m.	Registration	International Ballroom Foyer
8:15 a.m. – 11:15 a.m.	Joint Meeting Plenary Session II "The Scientific Basis of Disease Therapy" Chairs: Paul S. Mischel, MD, and Jack A. Elias, MD	International Ballroom
8:15 a.m. – 8:45 a.m.	What is New at the NCI Harold Varmus, MD National Cancer Institute	
8:45 a.m. – 9:15 a.m.	Genes and Fast Foods: Eat, Drink and Be Wary Helen Hobbs, MD University of Texas Southwestern Medical Center	
9:15 a.m. – 9:45 a.m.	Frontiers in Stem Cell Research Janet Rossant, PhD The Hospital for Sick Children University of Toronto	
9:45 a.m. – 10:15 a.m.	Refreshment Break	International Ballroom Foyer
10:15 a.m. – 10:45 a.m.	Diseases of Surfactant Homeostasis: Pathogenesis and Treatment of Hereditary Surfactant Disorders Jeffrey Whitsett, MD University of Cincinnati College of Medicine	
10:45 a.m. – 11:15 a.m.	The NLR Gene Family and Relevance to Inflammatory and Infectious Diseases Jenny Ting, PhD University of North Carolina	
11:15 a.m. – 11:45 a.m.	Salivating for New Vaccines Erol Fikrig, MD Yale University	
11:45 a.m. – Noon	AAP Annual Business Meeting	International Ballroom



Saturday, April 16

Satoraag, April 10		
Time	Event	Location
1:30 p.m. – 2:00 p.m.	APSA Career Development Workshop Sessions Residency 101 — Choosing and Surviving Your Path Jaimo Ahn, MD, PhD University of Pennsylvania School of Medicine Jeffrey A. Kline, MD Carolinas Medical Center Fredrick Ognibene, MD NIH Clinical Center	State Room
	Grant Writing and Funding From F-30 to R-01 and Everything in Between William Heetderks, MD, PhD NIBIB/NIH	Gold Room
	Mentorship — The Key to a Successful Career David Markovitz, MD University of Michigan Medical School	Embassy Room
1:30 p.m. – 2:00 p.m.	Poster Dismantle	Imperial Ballroom
1:30 p.m. – 3:00 p.m.	ASCI and AAP New Member Presentations Chairs: Paul S. Mischel, MD, and Jack A. Elias, MD	International Ballroom
1:30 p.m. – 1:50 p.m.	AAP – Elizabeth P. Henske, MD Harvard Medical School, Brigham and Women's Hospital Rare Disease, Common Mechanisms: Lymphangioleiomyomatosis (LAM), mTOR, and Autophagy	
1:50 p.m. – 2:10 p.m.	ASCI – James E. Bradner, MD Harvard Medical School, Dana-Farber Cancer Institute Chemical Modulation of Lysine Acetylation in Cancer and No	on-Malignant Diseases
2:10 p.m. – 2:30 p.m.	AAP – Emmanuel Mignot, MD Stanford University Center for Narcolepsy Genetics and Immunology of Narcolepsy	
2:30 p.m. – 2:50 p.m.	ASCI – Michelle P. Winn, MD Duke University School of Medicine TRPC6 and Hereditary Focal Segmental Glomerulosclerosis (FSGS)
3:00 p.m. – 3:30 p.m.	Refreshment Break	International Ballroom Foyer
3:30 p.m. – 4:15 p.m.	Kober Medal Presentation Recipient: Robert Lefkowitz, MD Duke University Health Center Presenter: Ralph Snyderman, MD Duke University Health Center	
4:15 p.m. – 5:00 p.m.	ASCI/Stanley J. Korsmeyer Award Lecture Recipients: Brian Druker, MD OHSU Knight Cancer Institute Charles L. Sawyers, MD Memorial Sloan-Kettering Cancer Center	
5:00 p.m. – 5:30 p.m.	ASCI Presidential Address Lost — and Found — in Translation Paul S. Mischel, MD David Geffen School of Medicine at UCLA	
5:30 p.m. – 6:00 p.m.	AAP Presidential Address Academic Restructuring and the Principle of DROP Jack A. Elias, MD Yale University School of Medicine	



Saturday, April 16

Time	Event	Location
6:45 p.m. – 8:45 p.m.	APSA Dinner Partnerships, Puzzles and Paradigms Keynote Speaker: Michael S. Brown, MD Nobel Laureate The W. A. (Monty) Moncrief Distinguished Chair in Cholesterol and A Co-Director of the MD/PhD Program Regental Professor and Paul J. Thomas Chair in Medicine University of Texas Southwestern Medical Center	Moulin Rouge Arteriosclerosis Research
7:00 p.m. – 10:00 p.m.	AAP Annual Reception and Dinner Leveraging Research for Change: Making Minutes Count Speaker: Harlan Krumholz, MD Yale University	Imperial Ballroom
10:00 p.m. – Midnight	Dessert Reception (open to all attendees)	Imperial Foyer
Sunday, April 17		
6:45 a.m. – 7:45 a.m.	Continental Breakfast	International Foyer
7:00 a.m. – 8:15 a.m.	Mentoring Breakfast	Moulin Rouge
7:00 a.m. – 10:00 a.m.	Registration	International Foyer
8:30 a.m. – 11:30 a.m.	APSA Program — Session II Program Chairs: Paul S. Mischel, MD, Jack A. Elias, MD, and Gregory Botta, MD	International Ballroom
8:30 a.m. – 9:00 a.m.	Trainee Best Oral Abstract Presentations 1 & 2	
8:30 a.m. – 8:45 a.m.	Katrina L. Salazar, University of Texas Health Science Center Houston	n
8:45 a.m. – 9:00 a.m.	Babak Razani, Washington University in St. Louis	
9:00 a.m. – 9:10 a.m.	Best Poster Awards	
9:10 a m. – 9:50 a.m.	Keynote Speaker: Diane Griffin, MD, PhD Alfred and Jill Sommer Professor and Chair in Molecular Microbiolog Johns Hopkins Bloomberg School of Public Health	gy and Immunology
9:55 a.m. – 10:25 a.m.	Trainee Best Oral Abstract Presentations 3 & 4	
9:55 a.m. – 10:10 a.m.	Thuy T. Tran, Vanderbilt University School of Medicine	
10:10 a.m. – 10:25 a.m.	Beth S. Zha, Virginia Commonwealth University	
10:25 a.m. – 11:05 a.m.	Advances in Pathways through which Epstein-Barr Virus alters ce Exploration and Hypothesis Driven Research Keynote Speaker: Elliott Kieff, MD, PhD, Harvard Medical School	ll growth;
11:10 a.m. – 11:40 a.m.	Trainee Best Oral Abstract Presentations 5 & 6	
11:10 a.m. – 11:25 a.m.	Sethu M. Madhavan, Case Western Reserve University	
11:25 a.m. –11:40 a.m.	Samuel F. Bakhoum, Dartmouth Medical School	
11:45 a.m. – 12:30 p.m.	Post Graduate Opportunities Panel Richard Siegel, MD, PhD, National Institutes of Health Craig Blackstone, MD, PhD, National Institutes of Health	
12:30 p.m. – 2:30 p.m.	APSA Lunch with Medical Residency Directors	Moulin Rouge

Committee and Faculty

2011 ASCI/AAP Joint Meeting Planning Committee

Paul S. Mischel, MD

ASCI President David Geffen School of Medicine at UCLA

Elizabeth McNally, MD, PhD

ASCI President-Elect University of Chicago Pritzker School of Medicine

Jonathan Epstein, MD

ASCI Immediate Past President University of Pennsylvania School of Medicine

Jack A. Elias, MD

AAP President Yale University School of Medicine

David Brenner, MD

AAP President-Elect University of California, San Diego

Ralph I. Horwitz, MD

AAP Immediate Past President GlaxoSmithKline

Program Faculty

James E. Bradner, MD Webster Cavenee, PhD Aaron Ciechanover, MD, DSc Vishva Dixit, MD James Downing, MD Brian Druker, MD Elizabeth P. Henske, MD Erol Fikrig, MD Helen Hobbs, MD **Emmanuel Mignot, MD** Janet Rossant, PhD Charles L. Sawyers, MD Jenny Ting, PhD Harold Varmus, MD Jeffrey Whitsett, MD Michelle P. Winn, MD

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Gladstone Institute of Virology & Immunology

J. Larry Jameson, MD, PhD

The Feinberg School of Medicine

Gary Koretzky, MD, PhD

Abramson Family Cancer Research Institute/University of Pennsylvania



Outstanding Young Investigator Award Recipients

Samuel F. Bakhoum APSA member, MD-PhD Student Dartmouth Medical School

Katy G. Eby APSA member, MD-PhD Student Vanderbilt University School of Medicine **Akio Iwanami, MD-PhD**David Geffen UCLA School of Medicine

Meng Li, MD-PhD, APSA member Johns Hopkins University

Timo D. Mueller, PhD *University of Cincinnati*

Anne E. Powell, PhDVanderbilt University School of
Medicine

Babak Razani, MD-PhDWashington University in St. Louis

Seyedtaghi Takyar, MD Yale School of Medicine

ASCI/AAP Joint Meeting Travel Award Recipients

David Akhavan, MD-PhD StudentDavid Geffen School of Medicine at
UCLA

Yelina Alvarez, APSA member, MD-PhD Student

New York University School of Medicine

Christina M. Annunziata, MD *National Cancer Institute*

Samuel F. Bakhoum, APSA member, MD-PhD Student

Dartmouth Medical School

Seth M. Bloom, MD-PhD Student Washington University in St. Louis

Edward L. Briercheck, MD-PhD Student *The Ohio State University*

Diane Chan, APSA member, MD-PhD Student

Boston University School of Medicine

Stephen J. Chang, MD *Harvard Medical School*

Julia G. Ciampa, MD-PhD Student *University of Oxford*

Sarah N. Cilvik, MD-PhD Student Washington University in St. Louis

Anthony R. Flores, MD-PhD Baylor College of Medicine

Laura M. Hack, MD-PhD Student Virginia Commonwealth University Aditya K. Iyer, APSA member, MD-Student

University of Pittsburgh School of Medicine

Jiyeon S. Kim, MD-PhD Student University of Pennsylvania School of Medicine

John-Paul Lavik, APSA member, MD-PhD Student

University of Toledo

Matthew R. LeBoeuf, MD-PhD Student University of Pennsylvania School of Medicine

Yan Liu, MD-PhD

University of Texas Southwestern Residency Program

Sethu M. Madhavan, APSA member, MD Case Western Reserve University

Timo D. Mueller, PhD *University of Cincinnati*

Megan E. Murray, APSA member, MD-PhD Student

University at Buffalo/Roswell Park Cancer Institute

Shannon N. Nees, MD-PhD Student Columbia University

Long V. Nguyen, MD-PhD Student University of British Columbia

Vijay Pandyarajan, MD-PhD Student Case Western Reserve University Anne E. Powell, PhD

Vanderbilt University School of Medicine

Babak Razani, MD-PhD

Washington University in St. Louis

Drew J. Schwartz, MD-PhD Student Washington University in St. Louis

Samuel A. Shelburne, MD MD Anderson Cancer Center

Seyedtaghi Takyar, MD Yale School of Medicine

Kazuhiro Tanaka, MD-PhD StudentDavid Geffen School of Medicine at
UCLA

Jarred P. Tanksley, MD-PhD
David Geffen UCLA School of Medicine
at UCLA

Michael P. Triebwasser, MD-PhD Student

Washington University in St. Louis

Matthew R. Vogt, APSA member, MD-PhD Student

Washington University in St. Louis

Julia T. Warren, MD-PhD Student Washington University in St. Louis

Vlad G. Zaha, MD-PhD Yale School of Medicine

Orlando Zepeda, MD-PhD Student University of California, San Francisco

*ASCI/AAPJoint Meeting

APSA Annual Meeting Travel Award Recipients

The American Physician Scientists Association (APSA) is dedicated to addressing the needs of future physician-scientists with a focus on training and career development. APSA currently focuses its priorities in the four pillars of mentoring, networking, outreach and resources. APSA, founded in 2004, held its first annual meeting in 2005 as a satellite meeting to the ASCI/AAP Joint Meeting. Since then, APSA, a trainee-based organization and a fully volunteer organization, has continued to increase and integrate the contributions of physician-scientist trainees to the Joint Meeting.

BH Almusalam, APSA member University of Manchester

Arezoo Astanehe, APSA member, MD-PhD Student

University of British Columbia

Allison C. Bean, APSA member, MD-PhD Student

University of Pittsburgh School of Medicine

Angela P. Burgess, APSA member, MD-PhD Student University of Toledo

Angel S. Byrd, APSA member, MD-PhD Student

Brown University

Yvonne L. Chao, APSA member, MD-PhD Student

University of Pittsburgh School of Medicine

Sun-Mi Choi, APSA member, MD-PhD Student

Louisiana State University Health Science Center

Rene A. Colorado, APSA member, MD-PhD Student

University of Texas Medical School at Houston

Katy G. Eby, APSA member, MD-PhD Student

Vanderbilt University School of Medicine

Julie C. Everett, APSA member, MD-PhD Student

University of New Mexico

Caitlin J. Foley, APSA member, MD-PhD Student Tufts University

Kate Freeman, APSA member, MD Thomas Jefferson University

Claire L. Heslop, APSA member, MD-PhD Student

University of British Columbia

Sara S. Hirsch, APSA member, MD-PhD Student

Saint Louis University School of Medicine

Lori E. Hutcherson, APSA member, MD-PhD Student

Louisiana State University Health Sciences Center

Megan M. Jack, APSA member, MD-PhD Student

The University of Kansas Medical Center

Stephanie R. Jackson, APSA member, MD-PhD Student

Saint Louis University School of Medicine

Bonnie W. Lau, APSA member, MD-PhD Student

Brown University

Janine B. Lee, APSA member, MD-PhD Student University at Buffalo

Meng Li, APSA member, MD-PhD Johns Hopkins University

Cristhiaan D. Ochoa, APSA member, PhD Student

University of South Alabama

Angela L. Qian, APSA member, Student Columbia University

Katrina L. Salazar, APSA member, MD-PhD Student

University of Texas Health Science Center Houston

Heather M. Scoffone, APSA member, MD-PhD Student

National Heart, Lung, and Blood Institute

Thuy T. Tran, APSA member, MD-PhD Student

Vanderbilt University School of Medicine

Beth S. Zha, APSA member, MD-PhD Student

Virginia Commonwealth University

Save the Date for Future Meetings

*ASCI/AAPJoint Meeting



2012 April 27 – 29

The Fairmont Chicago Chicago, Illinois

2013 April 26 – 28

The Fairmont Chicago Chicago, Illinois





Hotel Floor Plans

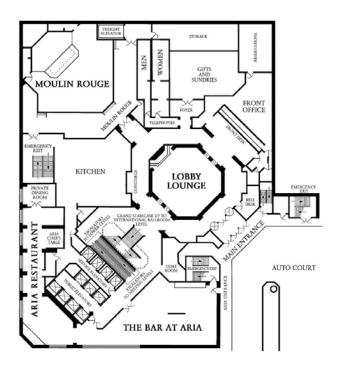
International Ballroom Level (2nd level)



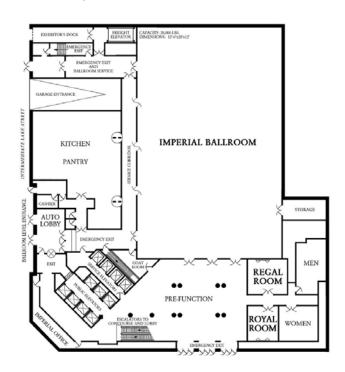
Meeting Room Level (3rd level)



Lobby Level (1st level)



Imperial Ballroom Level (B2)





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Special Thanks to This Year's Generous Supporters of the ASCI/AAP Joint Meeting

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Thanks to supporters of the APSA Annual Meeting

APSA-hosted sessions are supported by the National Institutes of Health (National Cancer Institute), the Burroughs-Wellcome Fund, the AAAS – Clinical and Translational Science Network, Genentech, Vanderbilt University Physician-Scientist Training Program, and the Brigham and Women's Hospital Internal Medicine Residency Program. Funding for the American Physician Scientists Association Annual Meeting was made possible (in part) by 5 R13 CA136301-02 from the National Cancer Institute. The

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