

# The ASCI/AAP Joint Meeting

American Society for Clinical Investigation and Association of American Physicians

Final Program

April 15–17, 2005 The Fairmont Chicago Chicago, Illinois





www.asci-jci.org

www.aap-online.org

www.jointmeeting.org





# ASCI Welcome Reception and ASCI Annual Dinner

Friday, April 15 6 p.m. – 9:30 p.m.

On Friday, April 15, at 6 p.m., the ASCI Welcome Reception welcomes attendees of the ASCI/AAP 2005 Joint Meeting. This event will take place in the Moulin Rouge, and all attendees of the ASCI/AAP Joint Meeting are invited to attend. The ASCI Annual Dinner follows at 7 p.m. in the Imperial Ballroom. The dinner will feature a talk entitled, "Hype, Hope and Happenstance" presented by Stuart H. Orkin, MD, of the Dana Farber Cancer Institute. Tickets for the ASCI Dinner, which are available to all meeting attendees, are \$30 per person and may be purchased at the Registration Desk.

# **AAP Reception and Dinner**

Saturday, April 16 7 p.m. – 10 p.m.

On Saturday, April 16, 2005, the AAP Annual Reception and Dinner will be held in the Imperial Ballroom. The reception will begin at 7 p.m. in the Imperial Foyer followed by dinner at 8 p.m. Tickets for this exciting event are available for purchase at the AAP Membership Desk located in the International Foyer. Richard D. Klausner, MD, of The Bill & Melinda Gates Foundation, will present "The Challenge of Global Health — the Unfinished Work of Medical Science." This dinner is open to AAP membership only.

# **Presidential Dessert Reception**

Saturday, April 16 10 p.m. – midnight

All attendees of the ASCI/AAP 2005 Joint Meeting are invited to attend the Presidential Dessert Reception. A spectacular array of assorted pastries, sweets, fruits and cheeses in addition to gourmet international coffees, cordials and wines will be served. This event offers all attendees the opportunity to visit with colleagues and meet new professionals in the field of science and medicine.



#### **Meeting Objectives**

This meeting is targeted to physician-scientists, research scientists, clinicians and medical education professionals. At the completion of this meeting, participants will be able to:

- Gain insights into the advances in translational research and the needs of the clinical investigator
- Understand biomedical research advances with particular emphasis on their ability to improve medical care
- Learn about the new advanced technologies that will have broad implications in biomedical research
- Learn about the research and careers of physician scientists who have received the Nobel Prize

#### **CME Information**

The Federation of American Societies for Experimental Biology (FASEB) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. The Federation, the ASCI, and the AAP take responsibility for the content, quality, and scientific integrity of this CME activity. The Federation designates this educational activity for up to 14 credit hours in category 1 credit toward the AMA Physician's Recognition Award. Each physician should claim only those credits that he/she actually spent in the activity. Your CME certificate and meeting evaluation form can be found in your registration packet. The forms must be completed and returned to the registration desk by noon on Sunday, April 17, or mailed to FASEB at the address indicated on the CME certificate.

#### **Poster Sessions**

The Poster Sessions are important educational events of this meeting. We hope you support and attend these scientific presentations. Poster setup is Friday from 1 p.m. - 3 p.m., and posters can be viewed during the following times:

#### **Poster Viewing**

Friday, April 15 3 p.m. – 9:30 p.m. Saturday, April 16 7 a.m. – 12:20 p.m.

Presenters are not required to be present at the viewing time.

#### **Poster Presentation**

Saturday, April 16 12:20 p.m. – 2 p.m.

Presenters are required to attend during the entire session from 12:20 p.m. -2 p.m.

#### Poster Dismantle

Saturday, April 16 2 p.m. -3 p.m.

#### **Poster Setup**

Poster setup is from 1 p.m. – 3 p.m., Friday, April 15, in the Imperial Ballroom. Presenters should check in at the registration desk and then proceed to the Imperial Ballroom. Pushpins can be obtained at the registration desk. Posters are to be removed immediately following the Saturday afternoon session at 2 p.m. Any posters left on the boards will be removed and may be picked up at the registration desk. Any posters not picked up by the end of the meeting will be discarded.

#### **Trainee Best Poster Awards**

Three Trainee Best Poster Awards will be awarded in the amount of \$1,000 each. Posters will be judged by Council Members of the ASCI and the AAP based on scientific novelty, quality and clarity of presentation. Awards will be presented on Sunday, April 17, at 10 a.m. in the International Ballroom.

#### **ASCI Membership Desk**

Visit the ASCI membership desk in the foyer of the International Ballroom for a list of new members, to pick up complimentary recent issues of the JCI, and for general inquiries about membership.

#### 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 assist with signing the AAP attendance book, balloting and purchasing tickets for the AAP Annual Reception and Dinner scheduled for Saturday, April 16.

#### **Registration Hours**

Friday, April 15 1 p.m. – 7 p.m.

Saturday, April 16 6:30 a.m. – 5 p.m.

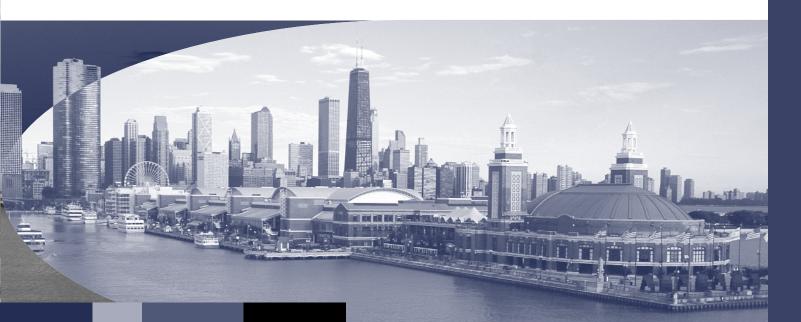
Sunday, April 17 6:30 a.m. – 10 a.m.

#### Speaker Ready Room

The speaker ready room is located in the Embassy Room. It will be available during the following hours:

Friday, April 15 11 a.m. -6 p.m. Saturday, April 16 6 a.m. -6 p.m. Sunday, April 17 6 a.m. -10 a.m.

Please check in with an audiovisual technician at least four hours prior to your presentation.



# Friday, April 15

		Location
11 a.m. – 6 p.m.	Speaker Ready Room	Embassy Room
1 p.m. – 3 p.m.	Poster Setup	Imperial Ballroom
1 p.m. – 7 p.m.	Registration	International Ballroom Foyer
1:30 p.m. – 2 p.m.	ASCI Business Meeting	International Ballroom
3 p.m. – 5:45 p.m.	Young Investigator Session Chairs: Eric Fearon, MD, PhD, and Jerrold Olefsky, MD	International Ballroom
3 p.m. – 4 p.m.	Panel 1: Work/Life Balance	
4 p.m. – 5 p.m.	Panel 2: Finding/Being a Mentor	
5 p.m. – 5:45 p.m.	One Mentor or Two?	International Ballroom
	Keynote Address: Michael Brown, MD University of Texas Southwestern Medical Center	
3 p.m. – 9:30 p.m.	Poster Viewing	Imperial Ballroom
6 p.m. – 7 p.m.	ASCI Welcome Reception	Moulin Rouge
7 p.m. – 9:30 p.m.	ASCI Annual Dinner Introduction of New Members Hype, Hope and Happenstance Stuart H. Orkin, MD, Dana Farber Cancer Institute	Crystal Room

# Saturday, April 16

6 a.m. – 6 p.m.	Speaker Ready Room	Embassy Room
6:30 a.m. – 8:30 a.m.	Continental Breakfast	International Ballroom Foyer
6:30 a.m. – 5 p.m.	Registration	International Ballroom Foyer
7 a.m. – 8:15 a.m.	Meet the Professor Symposium	Moulin Rouge
7 a.m. – 12:20 p.m.	Poster Viewing	TBD
8:30 a.m. – 10:45 a.m.	Nobel Plenary Session Chairs: Tadataka Yamada, MD, and Leonard I. Zon, MD	International Ballroom
8:30 a.m. – 9:10 a.m.	The Metabolic Syndrome: A Vicious Cycle Unleashed by Genes and Diet Joseph L. Goldstein, MD University of Texas Southwestern Medical Center	
9:10 a.m. – 9:50 a.m.	Aquaporin Water Channels: From Atomic Structure to Clinical Medicine Peter Agre, MD Johns Hopkins University School of Medicine	
9:50 a.m. – 10:30 a.m.	Prions, Neurology and Science Stanley Prusiner, MD University of California, San Francisco	
10:30 a.m. – 11 a.m.	Break	International Ballroom Foyer
11 a.m. – 12:20 p.m.	ASCI and AAP New Member Presentations Chairs: Tadataka Yamada, MD and Leonard I. Zon, MD	International Ballroom
11 a.m. – 11:20 a.m.	Cooperative Interactions that Transform Human Cells William C. Hahn, MD, PhD Dana Farber Cancer Institute	
11:20 a.m. – 11:40 a.m.	Genetics of Inflammatory Bowel Disease Judy Cho, MD University of Chicago	
11:40 a.m. – noon.	Assessing Core Processes and Patient Outcomes for ESRD Quality of Care Neil Powe, MD Johns Hopkins University	
12 p.m. – 12:20 p.m.	Fevers, Genes, and History: The Systemic Autoinflammat Daniel Kastner, MD, PhD National Institutes of Health	cory Diseases

# Saturday, April 16 (Continued)

		Location
12:20 p.m. – 2 p.m.	Poster Session with Lunch	Imperial Ballroom
2 p.m. − 3 p.m.	Poster Dismantle	Imperial Ballroom
2 p.m. – 5 p.m.	Technology Plenary Session Chairs: Eric Fearon, MD, PhD, and Jerrold Olefsky, MD	International Ballroom
2 p.m. – 2:40 p.m.	The Surprising Biology of Short RNAs Phillip A. Sharp, PhD Massachusetts Institute of Technology	
2:40 p.m. – 3:20 p.m.	Reduction and Emergence in Systems and Disease David B. Searls, PhD GlaxoSmithKline	
3:20 p.m. – 3:40 p.m.	Break	
3:40 p.m. – 4:20 p.m.	Small Molecules, ChemBank and Cancer Stuart Schreiber, PhD Howard Hughes Medical Institute, Harvard University	
4:20 p.m. – 5 p.m.	The Impact of New Technologies on Biomedical Research Elias Zerhouni, MD National Institutes of Health	
5 p.m. – 5:30 p.m.	ASCI Presidential Address Leonard I. Zon, MD ASCI President Howard Hughes Medical Institute, Children's Hospital Boston	International Ballroom
7 p.m. – 10 p.m.	AAP Annual Reception and Dinner The Challenge of Global Health – The Unfinished Work of Medical Science Richard D. Klausner, MD, The Bill & Melinda Gates Foundation	Imperial Ballroom
10 p.m. – midnight	ASCI/AAP Dessert Reception	Crystal Room

# Sunday, April 17

6 a.m. – 10 a.m.	Speaker Ready Room	Embassy Room
6:30 a.m. – 8:30 a.m.	Continental Breakfast	International Ballroom Foyer
6:30 a.m. – 10 a.m.	Registration	International Ballroom Foyer
7 a.m. – 7:45 a.m.	ASCI Institutional Representatives Retreat	Regent Room
8 a.m. – 9 a.m.	ASCI Award Lecture	International Ballroom
	Francis S. Collins	
	National Human Genome Research Institute	
9 a.m. – 10 a.m.	AAP Business Meeting/Presidential Address	International Ballroom
	Tadataka Yamada, MD	
	AAP President	
	GlaxoSmithKline	
10 a.m. – 10:15 a.m.	Best Poster Awards Presentation	International Ballroom
10:15 a.m. – 11 a.m.	Kober Medal Presentation	International Ballroom
	Recipient: William N. Kelley, MD	
	University of Pennsylvania School of Medicine	
	Presenter: Edward W. Holmes, MD	
	University of California, San Diego School of Medicine	

# 2005 ASCI/AAP Joint Meeting Planning Committee

#### Leonard I. Zon, MD

ASCI President Howard Hughes Medical Institute Children's Hospital Boston

#### Eric Fearon, MD, PhD

ASCI President-Elect University of Michigan Medical School

#### Kenneth Kaushansky, MD

ASCI Immediate Past President University of California, San Diego

#### Tadataka Yamada, MD

AAP President GlaxoSmithKline

#### Jerrold Olefsky, MD

AAP Vice President University of California, San Diego

#### Ralph Snyderman, MD

AAP Immediate Past President Duke University Health Systems

# **Program Faculty**

#### Peter Agre, MD

Johns Hopkins University School of Medicine

#### Michael Brown, MD

University of Texas Southwestern Medical Center

#### Judy Cho, MD

University of Chicago

#### Eric Fearon, MD, PhD

University of Michigan Medical School

#### Joseph Goldstein, MD

University of Texas Southwestern Medical Center

#### William C. Hahn, MD, PhD

Harvard Medical School

#### Edward W. Holmes, MD

University of California, San Diego, School of Medicine

#### Daniel Kastner, MD, PhD

National Institutes of Health

#### William N. Kelley, MD

University of Pennsylvania School of Medicine

## Jerrold Olefsky, MD

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Massachusetts Institute of Technology

#### Tadataka Yamada, MD

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#### Elias Zerhouni, MD

National Institutes of Health

#### Leonard I. Zon, MD

Howard Hughes Medical Institute, Children's Hospital Boston



The Federation requires that audiences as FASEB-sponsored educational programs be informed of a presenter's (speaker, faculty, author, or contributor) academic and professional affiliation, and the existence of any significant financial interest or other relationship a presenter has with the manufacturer(s) of any commercial product(s) discussed in an education presentation. When an unlabeled use of a commercial product or an investigational use not yet approved for any purpose is discussed during the presentation, it is required that presenters disclose that the product is not labeled for the use under discussion or that the product is still investigational. This policy allows the listener/attended to be fully knowledgeable in evaluating the information being presented.

Disclosure includes any relationship that may bias one's presentation or which, if known, could give the perception of bias. These situations may include, but are not limited to:

- A. Stock options or bond holdings in a for-profit corporation or self-directed pension plan
- B. Research grants
- C. Employment (full- or part-time)
- D. Ownership or partnership
- E. Consulting fees or other remuneration
- F. Non-remunerative positions of influence such as officer, board member, trustee, spokesperson
- G. Receipt of royalties
- H. Speakers bureau
- I. Other

The following presenters have indicated a relationship which, in the context of their presentation, could be perceived by some as a real or apparent conflict of interest but do not consider that it will influence their presentation. If a presenter is not listed, then he/she had no relationship to disclose. The letter shown with each company name represents the specific relationship from the list above. If a presenter is not listed, then he/she had no relationship to disclose.

Faculty Name	Disclosure
Hahn, William	B, E – Novartis Pharma
Kelley, William	A, I – Member, Board of Directors: Merck Inc., Beckman Coulter Inc., Genvec Inc., Advanced Biosurfaces Inc.
Prusiner, Stanley	D, F – In Pro Biotechnology
Searls, David	A, C – GlaxoSmithKline
Yamada, Tadataka	A, C – GlaxoSmithKline



#### **ASCI Officers**

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Stanley J. Korsmeyer, MD

Harvard Medical School, HHMI

Judith Swain, MD

Stanford University School of Medicine



# **ASCI/AAP Joint Meeting Trainee Travel Awards**

The ASCI and AAP recognize the following recipients of \$750 grants to attend the 2005 Joint Meeting:

#### Mehrdad Abedi

Roger Williams Hospital

## Rebecca M. Baron

Brigham & Women's Hospital

#### Erica Behling-Kelly

University of Wisconsin, Madison

## Kathleen E. Bethin

Indiana University School of Medicine

#### Vineet Bhandari

Yale University School of Medicine

#### Kim A. Boggess

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#### Daniel J. Brat

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#### **Christopher Chang**

David Geffen School of Medicine at UCLA

#### Won Kyoo Cho

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#### Sumant S. Chugh

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#### Aileen M Cleary

Stanford University School of Medicine

#### Firouz Daneshgari

Cleveland Clinic Foundation

#### Thao P. Dang

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#### Sandra Demaria

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#### **Allan Doctor**

University of Virginia Health Sciences Center

#### Robin H. Edwards

University of Pennsylvania

#### Ravindhra Elluru

Cincinnati Children's Hospital Medical Center

### R. Wesley Farris II

Brigham & Women's Hospital

#### Aristea Galanopoulou

Albert Einstein College of Medicine

#### Joseph A. Garcia

University of Texas Southwestern Medical Center

#### David A. Gerber

University of North Carolina at Chapel Hill

#### Sina A. Gharib

University of Washington School of Medicine

#### Anne L. Glowinski

Washington University School of Medicine

#### Daniel R. Goldstein

Yale University School of Medicine

#### Gayle Gordillo

Ohio State University

### Phillip V. Gordon

University of Virginia Children's Hospital

#### Eva Nozik Grayck

University of Colorado Health Science Center

#### Cyrus Hedvat

Memorial Sloan-Kettering Cancer Center

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#### Eddy C. Hsueh

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#### Mariana Kaplan

University of Michigan Medical Center

#### Mustafa K Khokha

University of California, Berkeley

## Rohit N. Kulkarni

Joslin Diabetes Center

#### Rahul Kuver

University of Washington School of Medicine

#### Ellen Lee

Oregon Health & Science University

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University of Iowa Hospital and Clinics

#### Deborah J. Lenschow

Washington University School of Medicine

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Massachusetts General Hospital

Jonathan Maltzman University of Pennsylvania

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# Jordan Orange

Children's Hospital of Philadelphia

# Sung-Yun Pai

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# Ming Pan

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#### Christy C. Park

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#### **Tushar Patel**

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#### Vickas V. Patel

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#### Miguel-Angel Perales

Memorial Sloan-Kettering Cancer Center

#### Nalini M. Rajamannan

Northwestern University

#### Sridhar Ramaswamy

MGH Center for Cancer Research

#### Pavan Reddy

University of Michigan Medical Center

#### **Emily K Robinson**

University of Texas Health Science Center, Houston

#### William Slayton

University of Florida

#### Nona Sotoodehnia

University of Washington School of Medicine

#### Tim Starner

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## **Andrew Talal**

Weill Medical College of Cornell University

#### Arno W. Tilles

Massachusetts General Hospital

#### Nikolaus S. Trede

Huntsman Cancer Institute

### Aliye Uc

University of Iowa Hospital and Clinics

# Gabriel Vargas

University of California, San Francisco

#### Jatin M. Vvas

Massachusetts General Hospital

Yatin M. Vyas Memorial Sloan-Kettering Cancer Center

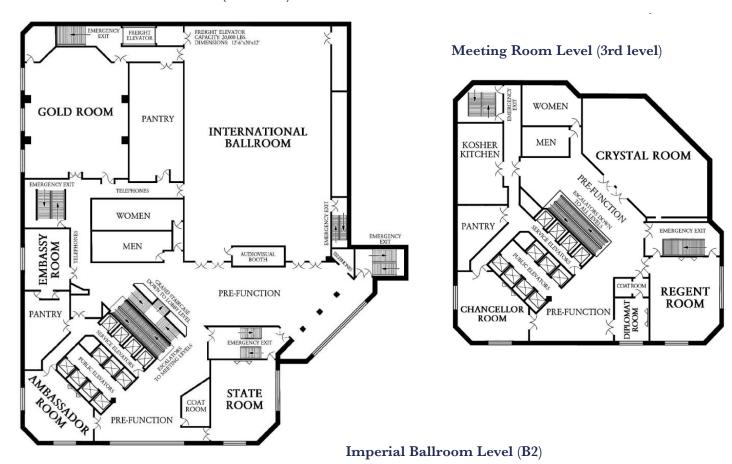
# Y. Joseph Woo

University of Pennsylvania

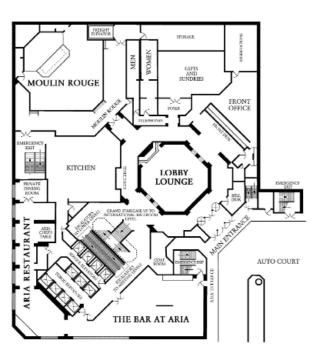
#### Yi-Hao Yu

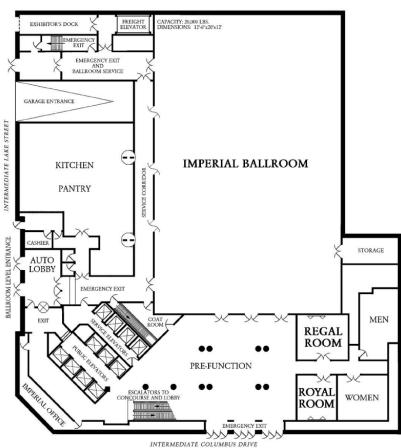
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## International Ballroom Level (2nd level)









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The American Society for Clinical Investigation and the Association of American Physicians gratefully acknowledge the support of the following companies that made this program possible by providing unrestricted educational grants.

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