



ADDENDUM

# BOSTON

March 28 – April 1 • Boston Convention & Exhibition Center

# 2015

ANNUAL MEETING OF:

American Association of Anatomists (AAA)

The American Physiological Society (APS)

American Society for Biochemistry and  
Molecular Biology (ASBMB)

American Society for Investigative  
Pathology (ASIP)

American Society for Nutrition (ASN)

American Society for Pharmacology  
and Experimental Therapeutics (ASPET)

# TABLE OF CONTENTS

AAA .....	2
ASIP.....	3
ASN .....	6
ASPET .....	10
GENERAL INFORMATION.....	15
EXHIBITOR ADDENDUM.....	16
PRODUCT WORKSHOPS.....	20



## PROGRAMMING UPDATES

### Oral Sessions:

#### **Saturday, March 28**

New Session -

Saturday, March 28, 10:30am - 12:30pm  
Room 102AB

#### **How to Get Published**

*Sponsored by AAA Journals: Anatomical Sciences Education, Developmental Dynamics and The Anatomical Record*

**Parker B. Antin**, Editor of Developmental Dynamics

Publishing Your Research: Strategies to Maximize Your Chances of Getting Your Papers Published and Navigating the Revision Process

**Kurt H. Albertine**, Editor of The Anatomical Record

How to Write Clearly

**Richard L. Drake and Wojciech Pawlina**, Editors of Anatomical Sciences Education

How to Publish an Educational Paper

#### **Sunday, March 29**

Session 76 - Anatomy Education Roundtable - Developing Effective Cognitive Strategies for Future Long Term Recall of Medical Knowledge  
Moved to room 52A

Session 81 - Endothelial-to-mesenchymal Transition Symposia  
E. Dejana has cancelled (81.1)  
New Speaker is:  
Martin Schwartz, Yale University School of Medicine  
Fibronectin Links Endo-MT with Inflammation

#### **Monday, March 30**

Session 215 - Cardiovascular Development and Disease  
Simon Conway has cancelled (215.1)  
New Speakers are:  
Alexia Hulin, Cincinnati Children's Hospital Medical Center  
Loss of Axin2 in Murine Aortic Valves Leads to Myxomatous Disease  
L. Bruno Ruest, Texas A&M Univ. Baylor College of Dentistry

### Withdrawn Posters:

Sunday, March 29 - **550.12** Production of an Anatomical Video of the Middle Cranial Fossa and Its Conversion into an Interactive Teaching Module, P. Oliver.



## PROGRAMMING UPDATES

### **Session 146: Signaling Through the Matrix in Inflammation, Autophagy and Angiogenesis**

Sun. 2:00 pm—Boston Convention & Exhibition Center, Room 160A/B

2:00 PM Autophagy and Ubiquitin Networks. **I. Dikic**. Goethe University.

2:45 PM Danger Signals Derived from the Extracellular Matrix. **L. Schaefer**. Goethe University of Frankfurt

3:30 PM Hyaluronan Interactions with TLR4 Regulate Lung Epithelial Stem Cell Renewal and the Severity of Pulmonary Fibrosis. **P.W. Noble**. Cedars-Sinai Medical Center

4:15 PM Reciprocal Interactions Between Matrix and Angiogenic Factors in Health and Disease. **B.R. Olsen**. Harvard Medical School

### **Session 149: Neuropathology**

Sun. 2:00 pm—Boston Convention & Exhibition Center, Room 162B

2:20 **149.2** AT101 Down-regulates CXCL12 mRNA and Secreted Protein in Malignant Peripheral Nerve Sheath Tumor cells **K. Roth**, **C.D. Graham**, **N. Kaza**, and **B. Klocke**. Univ. of Alabama at Birmingham.

### **Session 285: Inflammation, Resolution of Inflammation And Leukocyte Trafficking**

Mon. 2:00 pm—Boston Convention & Exhibition Center, Room 161

2:00 **285.1** Endothelial CD99 Signals Through Soluble Adenylyl Cyclase and PKA to Regulate Leukocyte Transendothelial Migration. **W.A. Muller<sup>1</sup>**, **R.L. Watson<sup>1</sup>**, **J. Buck<sup>2</sup>**, **L.R. Levin<sup>2</sup>**, **J. Wang<sup>3</sup>** and **H. Arase<sup>3</sup>**. <sup>1</sup>Pathology, Northwestern University Feinberg School of Medicine, Chicago, IL, United States;

<sup>2</sup>Pharmacology, Weill Medical College of Cornell University, New York, NY, United States;

<sup>3</sup>Immunochemistry, Osaka University WPI Immunology Frontier Research Center, Osaka, Japan and

<sup>4</sup>Immunochemistry, Osaka University WPI Immunology Frontier Research Center, Japan.

### **Session 417: Exploring and Defining Biomarkers in Cancer**

Tues. 2:00 pm—Boston Convention & Exhibition Center, Room 162B

3:50 **417.8** Using Protein Chips to Develop a Highly Specific HER2 Antibody for HER2

Amplification Testing **W. Fu**, **L. Zhou**, **K. Yuan**, **L. Qi**, **Z. Li**, **G. Wu**, **X. Huang**, **Y. Shen**, **M. Zhao**, **H. Liu**, **B. Chu**, **G. Wang**, **Y. Shu**, **D. Ma**, **W. He** and **J. Chen**. Origene Tech Inc., Rockville, MD, Beijing Cancer Hosp. and Soochow Univ., China.

4:05 **417.9** Using Protein Microarray Technology to Screen Anti-PD-1 Monoclonal Antibodies for Specificity and Applications in Anatomic Pathology **R. Chamber**, **C. Chen**, **H. Wei**, **K. Yuan**, **G. Wu**, **J. Chen**, **B. Chu**, **G. Wang**, **Y. Shu**, **W. He** and **D. Ma**. Origene Tech Inc., Rockville, MD and Soochow Univ., China.

4:35 **417.11** Development of a Highly Sensitive Mouse Monoclonal Antibody for Screening ALK-Rearrangements in Lung Cancers **D. Ma**, **Y. Shen**, **M. Jin**, **Y. Wu**, **Y. Zhang**, **K. Yuan**, **B. Chu**, **L. Qi**, **H. Liu**, **C. Wang**, **G. Wang**, **Y. Shu**, **J. McDowell**, **H. Wei**, **C. Chen**, **W. He** and **J. Chen**. Origene Tech Inc., Rockville, MD, Beijing Chaoyang Hosp. and Soochow Univ., China.

# ASIP AWARDS

## 2015 ASIP Junior Faculty Travel Award

Jennifer Brazil  
Jacqueline Jones  
Kari Nejak-Bowen  
William Puszyk  
Christoph Scheiermann

## 2015 Experimental Pathologist-in-Training

Ashfaql Alam

## 2015 Post-doctoral Merit Award

Anny-Claude Luissint

## 2015 Experiental Pathologist-in-Graduate Training Award

Benjamin Woolbright

## 2015 Pre-doctoral Merit Award

Carina A. Dehne

## 2015 A.D. Sobel – ASIP Education Fund Scholars

Sarah E. Headland  
Bilon Khambu  
Sandeep Kumar  
Traci L. Parry  
Miguel Quiros  
Leon Zheng

## 2015 Rojkind-Monga ASIP Trainee Travel Award for Excellence in Liver Pathobiology Research

Morgan Preziosi

## 2015 Hans-Monga –ASIP Trainee Travel Award for Excellence in Cardiovascular Research

Shyamala Thirunavukkarasu

## 2015 Hans-Monga-ASIP Trainee travel Award for Excellence in Neoplasia Research

Kristen A. Lehner

## 2015 ASIP Trainee Travel Awards

David Chiang  
Trevor M. Darby  
Kathryn E. Hamilton  
Vasundhara Kain  
Alexander Kikuchi  
Cindy Park-Windhol  
Junyan Tao  
Adelaide Ama Tawiah  
Elizabeth H. Trusevych  
Richard L. Watson

**2015 Histochemical Society (HCS) – Sponsored Trainee Travel Awards**

Ali F. Citalan-Madrid  
A. Sally Davis  
Gabriel Fung  
Hamza N. Gokozan  
Dae Ik Yi

**2015 Under-Represented Groups Trainee Travel Award**

*Supported by an unrestricted educational grant from the FASEB Maximizing Access to Research Careers  
(MARC) Office*

Ariangela J. Kozik  
Jeffrey M. Leavitt  
Courtney Johnson  
Tania Nevers  
Francisco E. Velazquez

**2015 Gotlieb Undergraduate Student Travel Award**

Nayana Ramachandra

**2015 ASIP International Trainee Travel Award**

Omoblade O. Obadofin

**2015 Special ASIP-APSA Partnership Trainee Travel Award**

Mohammed Dany

**2015 ACVP Trainee Travel Award**

Jessica Beck

**2015 Intersociety Council for Pathology Information (ICPI) Trainee Travel Award**

Sharmin Begum  
Matthew McConnell  
Joao Paulo Oliveira-Costa



## SCIENTIFIC SESSIONS

**Session 114. Translational and Transformational Concepts in Amino Acid Sensing**  
Amino Acid Control of Cell Signaling talk will be given by Tracy G. Anthony, PhD,  
Rutgers University

**Session 257. International Forum - Brazil**  
The corrected information for Dr. Viven Suen is: Vivian Suen, MD, PhD, University of São  
Paulo

**Session 267. Gilbert A. Leveille Award Lecture**  
Mon. 1:45 PM -Boston Convention & Exhibition Center, Ballroom East  
My History in the Involvement of Food Science and Nutrition. T.P. Labuza. Univ. of  
Minnesota. Chair will be: G.A. Leveille

**Session 396. W.O. Atwater Memorial Lecture**  
Tues. 12:45 PM—Boston Convention & Exhibition Center, Ballroom East  
Chair will be: C. Jacobs-Young

## MINISYMPOSIA AND POSTER SESSIONS

**248. Energy and Macronutrient Metabolism: Lipid and Fatty Acid Metabolism and Transport**  
Program number 248.2: Graham Holloway will present in place of Sarthak Matravadia

**385. Obesity: Gut Microbiome and Obesity**  
Program number 385.5: Dr. Giuliana Noratto will present in place of Enrique Garcia Perez, MSc.

**393. Medical Nutrition: Nutrition and Inflammation**  
Chairs will be: P. M. Kris-Etherton and S. Gebauer

**395. Nutrition Education and Behavior Science: Developing Healthy Eating and Physical Activity Behaviors across the Lifespan**  
Program number 395.4: Emily Oken will present in place of Alejandra Cantoral

**585. Community and Public Health Nutrition: Food Security and Its Connections to Nutrition and Health**  
Program number 585.14: Dr. Frongillo will present in place of Emily Heberlein

**588. Aging: Risk Factor Modification for Cardiometabolic Health and Chronic Disease**  
Program number 588.10: Sara Folta will present in place of Rebecca Seguin

**912. Medical Nutrition: Interventions for the Treatment and Prevention of Nutrition-Related Diseases)**  
Poster C260, program number 912.9: will be presented from 1:45 – 2:45pm instead of 12:45 – 1:45PM

## SPECIAL SESSIONS AND EVENTS

Society Annual Business Meeting

Sat. 7:00 - 8:00 PM—Renaissance Boston Waterfront, Pacific Grand ABC

## 2015 ASN and ASN FOUNDATION AWARDS

All 2015 award recipients will be recognized during the ASN Awards Ceremony, Sunday, March 29, 6:00–7:30 pm in Renaissance Boston Waterfront, Pacific Ballroom A/B/C/D

### ASN Fellows Class of 2015

Richard Atkinson, MD  
*Virginia Commonwealth University*

Barbara Hansen, PhD  
*University of South Florida*

Diane Birt, PhD  
*Iowa State University*

Penny Kris-Etherton, PhD, RD  
*Pennsylvania State University*

Benjamin Cabellero, MD  
*John Hopkins University*

Bo Lonnerdal, PhD  
*University of California, Davis*

Mark Failla, PhD  
*Ohio State University*

Martha Stipanuk, PhD  
*Cornell University*

Pamela Fraker, PhD  
*Michigan State University*

Ricardo Uauy, MD, PhD  
*University of Chile, Institute of Nutrition and Food Technology*

### Senior Investigator Awards

**Conrad A. Elvehjem Award for Public Service in Nutrition, Supported by Mondelez International**

*Barry Popkin, PhD*  
University of North Carolina at Chapel Hill

**General Mills Bell Institute of Health and Nutrition Innovation Award, Endowed by the General Mills Bell Institute**

*Mary Ellen Camire, PhD*  
University of Maine

**David Kritchevsky Career Achievement Award in Nutrition, Supported by Mondelez International**

*Dennis M. Bier, MD*  
Children's Nutrition Research Center, Baylor College of Medicine

**Kellogg International Prize in Nutrition, Supported by Kellogg Company**

*Gretel H. Pelto, PhD*  
Cornell University

**Gilbert A. Leveille Award and Lectureship**

*Theodore P. Labuza, PhD*  
University of Minnesota

**Mary Swartz Rose Senior Investigator Award, Supported by the Council for Responsible Nutrition**

*Denise M. Ney, PhD*  
University of Wisconsin



## 2015 ASN and ASN FOUNDATION AWARDS. cont...

**McCormick Science Institute Research Award  
Endowed by the McCormick Science Institute**

*Jean-Marc Zingg, PhD*

Jean Mayer USDA Human Nutrition Research  
Center on Aging, Tufts University

**Osborne and Mendel Award, Supported by  
ILSI North America**

*Nikhil V. Dhurandhar, PhD*

Texas Tech University

**Pfizer Consumer Healthcare Nutritional  
Sciences Award, Supported by Pfizer**

*Naima Moustaid-Moussa, PhD*

Texas Tech University

**Robert H. Herman Memorial Award**

*Steven B. Heymsfield, MD*

Pennington Biomedical Research Center

**Senior Investigator – Educator & Mentor  
Awards**

**Dannon Institute Mentorship Award,  
Supported by the Dannon Institute**

*Barbara A. Gower, PhD*

University of Alabama at Birmingham

**Excellence in Nutrition Education Award**

*Johanna T. Dwyer, DSc, RD*

Jean Mayer USDA Human Nutrition Research  
Center on Aging, Tufts University

**Roland L. Weinsier Award for Excellence in  
Medical/Dental Nutrition Education,  
Supported by the Dannon Institute**

*Nancy F. Krebs, MD*

University of Colorado, Denver

**Young Investigator Awards**

**Bio-Serv Award in Experimental Animal  
Nutrition, Supported by Bio-Serv Inc.**

*Daniel L. Smith Jr., PhD*

University of Alabama at Birmingham

**E.L.R. Stokstad Award, Endowed by the  
Stokstad Family**

*Sai K. Das, PhD*

Jean Mayer USDA Human Nutrition Research  
Center on Aging, Tufts University

**Mary Swartz Rose Young Investigator Award,  
Supported by the Council for Responsible  
Nutrition**

*Giuliana Noratto, PhD*

Washington State University

**Mead Johnson Award, Supported by Mead  
Johnson Pediatric Nutrition Institute**

*Heather J. Leidy, PhD*

University of Missouri

**Norman Kretchmer Memorial Award in  
Nutrition and Development**

*Kate J. Claycombe, PhD*

United States Department of Agriculture

**Peter J. Reeds Young Investigator Award**

*Nicholas A. Burd, PhD*

University of Illinois, Urbana-Champaign

**Samuel J. Fomon Young Physician Award,  
Endowed by the Nestlé Nutrition Institute**

*Xiang Gao, MD*

The Pennsylvania State University

**Vernon Young International Award for  
Amino Acid Research, Endowed by the  
Ajinomoto Co. Inc.**

*Michael Lustgarten, PhD*

Jean Mayer USDA Human Nutrition Research  
Center on Aging, Tufts University

**Other Awards**

**Nutrition Science Media Award**

*Nancy Clark, MS, RD, CSSD*

Nutrition columnist for “New England Runner,”  
“Rowing,” and “American Fitness;” Team  
Nutritionist, Boston Red Sox

**W.O. Atwater Lectureship, Supported &  
Managed by USDA Agricultural Research  
Service**

*Joanne L. Slavin, PhD, RD*

University of Minnesota

**ASN Postdoctoral Research Awards, Endowed  
by DuPont Health & Nutrition**

Chuchun Chang

Columbia University

Hannah Holscher

University of Illinois  
Miriam Jacome-Sosa  
University of Missouri  
Cari Lewis  
Indiana University  
Kelsey Mangano  
Harvard Medical School  
Brandt Pence  
University of Illinois at Urbana-Champaign

**Medical Nutrition Council (MNC) Awards**  
**Clinical Emerging Leader Award**

Mohammad Abdullah  
University of Manitoba  
Katherine Balantekin  
The Pennsylvania State University  
Sarah A. Johnson  
University of Manitoba  
Samantha Kling  
The Pennsylvania State University  
Christian Wright  
Purdue University

**Nutritional Sciences Council (NSC) Awards**  
**Graduate Student Research Awards (GSRA)**

Karim Bougma  
McGill University  
Neil Brett  
McGill University  
Barbara DeRat  
University of Florida  
Caglar Doguer  
University of Florida  
Melissa Glier  
University of British Columbia  
Megan Hume  
University of Calgary  
Jinhui Li  
Ohio State University  
Adam Lyon  
University of Arizona  
Ross Peterson  
University of Illinois Urbana-Champaign

Hathairat Sawaengsri  
Tufts University: USDA HNRCA and Friedman  
School  
Joanna Urbanek  
Pennsylvania State University  
Terrence Vance  
University of Connecticut

**ASN-MARC Travel Awards**

Angela De Leon  
University of California, Davis  
Michelle Cardel  
University of Colorado, Denver  
Ashley Carter  
Florida State University  
Dede N. Ekoue  
University of Illinois at Chicago  
Timothy Barnes  
University of Minnesota  
Valerie L. Darcey  
Georgetown University  
Monique J. LeMieux  
Texas Tech University  
Andrea Lopez-Cepero  
University of Puerto Rico  
Danielle Nunnery  
University of North Carolina, Greensboro

**Student Interest Group Travel Awards,**  
**Supported by the National Dairy Council**

Carly Visentin  
University of Toronto  
Man Zhang  
University of California, Davis  
Benedicte Tremblay  
University Laval  
Vivian Choo  
University of Toronto  
Jessica Ralston  
University of Guelph  
Elizabeth Killion  
Tufts University



## ORAL PRESENTATION PROGRAMMING CHANGES

**Sunday, March 29, 2015**

**Emerging Regenerative Therapies in Pulmonary Disease**

9:30 am - 12:00 pm - Boston Convention & Exhibition Center, Room 109A

Sarah Huang, Columbia University will replace **Hans-Willem Snoeck**

**Tuesday, March 31, 2015**

**The Human Microbiome: Systems Pharmacology Insights and the Potential for New Drug Discovery**

9:30 am - 12:00 pm - Boston Convention & Exhibition Center, Room 107C

Amiran Dzutsev, NCI Center for Cancer Research will replace **Romina Goldszmid**

**Wednesday, April 1, 2015**

**Structural Basis for Ion Channel Pharmacology**

9:30 am - 12:00 pm - Boston Convention & Exhibition Center, Room 107AB

Ryan Hibbs, UT Southwestern Medical Center will replace **Pierre-Jean Corringer**  
New Title: *Structure and Mechanism of Pentameric Neurotransmitter Receptors*

## POSTER PRESENTATION UPDATES

**Author update:**

**771.19/ D59** Dimethyl Fumarate Confers Neuroprotection through CK2 Mediated Phosphorylation of Nrf2 in Murine Intracerebral Hemorrhage

**Additional Author** - E.K.I. Omogbai, Dept. of Pharmacology & Toxicology, Univ. of Benin, Benin-City Nigeria

## SPECIAL FUNCTION UPDATE

**Tuesday, March 31**

ASPET Networking Walk (weather permitting) – please meet at the Alcott Room at 7:00 am

## ASPET AWARDS

### 2015 ASPET GRADUATE STUDENT TRAVEL AWARD WINNERS

**Amirah Aly**, Northeastern University  
**Vrushank Bhatt**, BIDMC/Harvard Med. Sch.  
**Sukhada Bhawe**, Virginia Commonwealth Univ.  
**Kristin Bircsak**, Rutgers University  
**Paula Brock**, University of Utah  
**Nicole Brown**, Emory University  
**Anna Busija**, University of California - San Diego  
**Colleen Carpenter**, University of Michigan  
**Aram Cholanians**, University of Arizona  
**Divyan Chopra**, Creighton University  
**Lani Chun**, National Institutes of Health  
**John Connick**, Louisiana State Univ. Hlth. Sci. Ctr.  
**Rebecca Crawford**, Louisiana State Univ. Hlth. Sci. Ctr.  
**Arunas Damijonaitis**, Ludwig Maximilians Univ. Munich  
**Hridgandh Donde**, University of Louisville  
**Isaac Dripps**, University of Michigan  
**Elizabeth Ennis**, Vanderbilt University  
**Julie Finnell**, University of South Carolina  
**Shaun Flax**, American University  
**Monique Foster**, New York Univ. Sch. of Med.  
**Mary Francis**, Rutgers University  
**Aravind Gade**, Virginia Commonwealth Univ.  
**Bryan Gall**, West Virginia University  
**Brenda Gannon**, Univ. of Arkansas for Med. Sci.  
**Blessy George**, Rutgers University  
**Mohamed Ghonim**, Louisiana State Univ. Sch. of Med.  
**Rafael Gil de Rubio**, University of Rochester  
**Mandi Hopkins**, Washington State University  
**Xiaoyu Hu**, University of Illinois - Chicago  
**Sara Humphreys**, Washington State University  
**Andrew Jallouk**, Washington Univ. - St. Louis

**Ariell Joiner**, University of Michigan  
**Anthony Jones**, SUNY - Buffalo  
**Dominique Jones**, University of Louisville  
**Sophia Kaska**, Michigan State University  
**Danielle Krout**, Univ. of North Dakota  
**Jacqueline Ku**, Monash University  
**Julie Lade**, Johns Hopkins Univ. Sch. of Med.  
**Robert Laprairie**, Dalhousie University  
**Haobo Li**, The University of Hong Kong  
**Kathryn Livingston**, University of Michigan  
**Peipei Lu**, University of Pittsburgh  
**Brandon Lucke-Wold**, West Virginia Univ. Sch of Med  
**Kristin Luther**, Loyola University - Chicago  
**Jacob Mahoney**, University of Michigan  
**Gina Marrone**, Weill Cornell Graduate Sch. of Med. Sci.  
**Douglas McMillan**, University of Toronto  
**Sarah Mikelman**, University of Michigan  
**Nathan Mitchell**, Univ. of Texas Hlth. Sci. Ctr. - San Antonio  
**Jeremy Miyauchi**, SUNY Stony Brook  
**Megan Moerke**, Univ. of Texas Hlth. Sci. Ctr. - San Antonio  
**Alina Monteagudo**, University of Rochester  
**Jamie Moscovitz**, Rutgers University  
**Fernando Moura**, Univ. of Texas Hlth. Sci. Ctr. - San Antonio  
**Alex Nackenoff**, Vanderbilt University  
**Felix Nau**, Louisiana State Univ. Hlth. Sci. Ctr.  
**Antoinette Nelson**, Rutgers University  
**Linda Nguyen**, West Virginia University  
**Joy Ngwainmbi**, Virginia Commonwealth Univ.  
**Jonathan Packer**, University of New England  
**Rohun Palekar**, Washington Univ. - St. Louis  
**Xian Pan**, University of Illinois - Chicago  
**Elyse Petrunak**, University of Kansas

**Justin Philip**, The Univ. of Texas Hlth. Sci. Ctr. - Houston  
**Steven Pittenger**, Univ. of Nebraska - Lincoln  
**Kerri Pryce**, SUNY - Buffalo  
**Christopher Racine**, Marshall University  
**Lauren Rusnak**, Emory University  
**Iman Saber**, Temple University  
**Marjana Sarker**, UNT Health Science Center  
**Cody Siciliano**, Wake Forest Univ. Sch. of Med.  
**Sonal Singh**, University of Houston  
**Branden Stansley**, Univ. of Toledo Col. of Med.  
**Amanda Stolarz**, Univ. of Arkansas for Med. Sci.  
**Arsalan Syed**, University of Vermont  
**Julie-Anne Tanner**, University of Toronto  
**David Thorn**, SUNY - Buffalo  
**Xufan Tian**, Thomas Jefferson University

**Jesi Lee Anne To**, Univ. of Rochester Med. Ctr.  
**Saurabh Vispute**, St. John's University  
**David Wagner**, University of Washington  
**Yuchen Wang**, Purdue University  
**Zohar Weinstein**, Boston Univ. Sch. of Med.  
**Chen-Shan Woodcock**, Univ. of Pittsburgh Sch. of Med.  
**Jennifer Yeung**, Thomas Jefferson University  
**Yun Young Yim**, Vanderbilt University  
**Brent Young**, Dalhousie University  
**Le Zhan**, Rutgers Univ. Ernest Mario Sch. of Pharm.  
**Shu Zhang**, University of Illinois - Chicago  
**Cuiqing Zhao**, University of Louisville

#### 2015 ASPET YOUNG SCIENTIST TRAVEL AWARD WINNERS

**Ekue Adamah-Biassi**, Wake Forest Sch. of Med.  
**Erin Bobeck**, Mount Sinai School of Medicine  
**Tyler Duellman**, University of Wisconsin - Madison School of Medicine and Public Health  
**Andrew Emery**, NIMH, National Institutes of Health  
**Steve Fordahl**, Wake Forest Univ. Health Sciences  
**Rheaclare Fraser**, University of Texas Health Science Center - San Antonio  
**Saki Gotoh**, National Institutes of Health  
**Laurel Grisanti**, Temple University  
**Lauren Haar**, Loyola University - Chicago  
**Ghada Haggag**, University of Alberta  
**Tamer Kaoud**, The University of Texas - Austin  
**Stephen Kraynik**, University of Cincinnati  
**Ashish Kulkarni**, Brigham and Women's Hospital, Harvard Medical School  
**Hicham Labazi**, West Virginia University  
**Christopher LaRock**, Univ. of California - San Diego  
**David Maguire**, University of Texas Health Science Center - San Antonio

**Amy Mortiz**, National Institute of Neurological Disorders & Stroke/NIH  
**Kerri-Ann Norton**, Johns Hopkins University  
**Deepesh Pandey**, Johns Hopkins University  
**Han-A Park**, Yale School of Medicine  
**Irene Paterniti**, University of Messina  
**Jacqueline Reilly**, University of Iowa  
**Ibolya Rutkai**, Tulane University  
**Jan Schilling**, University of California - San Diego  
**Sarah Schumacher-Bass**, Temple Univ. Sch. of Med.  
**Karen Tonsfeldt**, Oregon Health & Science Univ.  
**Benjamin Tourdot**, Thomas Jefferson University  
**Sasmita Tripathy**, University of Washington  
**Sadiq Umar**, Washington State University  
**Kara Vogel**, Washington State University  
**Kristin Wilson**, Ohio State University  
**Vishal Yadav**, West Virginia Univ. Health Sci. Ctr.  
**Xueping Zhou**, Merck Corporation  
**Zhichao Zhou**, West Virginia University  
**Margaret Zimmerman**, Tulane University

**2015 ASPET SUMMER UNDERGRADUATE RESEARCH FELLOW (SURF)  
TRAVEL AWARD WINNERS**

**Caitlin Caperton**, University of Arkansas - Little Rock  
**Joshua Sheetz**, University of North Carolina - Chapel Hill  
**Alexandra Van Hall**, SUNY - Buffalo  
**Bao Vis Vo**, Carroll University

**2015 WASHINGTON FELLOWS TRAVEL AWARD WINNERS**

**Maria Briscione**, Emory University  
**Tamara Escajadillo**, University of California, San Diego  
**Benjamin J. Lieblong**, University of Arkansas for Medical Sciences  
**Andrew Merluzzi**, University of Wisconsin - Madison  
**Dhara Patel**, New York Medical College  
**Philip A. Saccone**, University of Michigan Medical School  
**Katherine M. Serafine**, University of Texas Health Science Center - San Antonio  
**Ed Stahl**, Scripps Research Institute  
**Michael C. Tranter**, University of Cincinnati College of Medicine  
**Menglu Yuan**, University of California - Irvine

**DIVISION NAME CHANGE**

*The ASPET Division for Integrative Systems, Translational and Clinical Pharmacology (ISTCP) has changed its name to Translational and Clinical Pharmacology (TCP).*



**ASPET thanks the following for their generous support of our Annual Meeting:**



*(confirmed list as of 2/13/2015)*

## **ASPET BOOTH #1154**

**Visit the ASPET booth in the Experimental Biology exhibit hall!  
Items for sale at “Shop ASPET” include scarves, ties, t-shirts,  
plush donkeys, and much more.  
*Plus, pick up some free giveaways!***

## GENERAL INFORMATION



### POSTER PRINTING (North Lobby)

Friday, March 27	12:00PM - 6:00PM
Saturday, March 28	7:00AM - 5:00PM
Sunday, March 29	7:00AM - 5:00PM
Monday, March 30	7:00AM - 5:00PM
Tuesday, March 31	7:00AM - 5:00PM
Wednesday, April 1	8:00AM - 3:00PM

### FOLLOW US FOR THE LATEST INFORMATION ABOUT EB 2015



<http://www.facebook.com/expbio>



<http://twitter.com/expbio> --- #expBio

### DOWNLOAD THE EB 2015 MOBILE APP



### EXPERIMENTAL BIOLOGY 2015 SHUTTLE SERVICE

Complimentary shuttle bus service is available between the Boston Convention & Exhibition Center (BCEC) and select contracted EB hotel community.



## EXHIBITOR ADDENDUM

### Exhibitor Relocation

**Expedeon, Inc. moved to booth 243**  
**Foxx Life Sciences moved to booth 573**

### Exhibitor Cancellations

GlobalTown Microtech  
IITC  
Panasonic

### Exhibitors not listed in the Program

#### **3T GmbH & Co., KG**

##### **Booth 268**

100 Cummings Center, Suite 136L  
Beverly, MA 01915  
Phone: 781-923-1961  
Web: [www.3t-analytik.com](http://www.3t-analytik.com)

3T Analytik manufactures a novel quartz crystal microbalance (QCM) platform for real time insights into molecular interactions, biofilms, adherent cells. The qCell T has been designed for operational ease featuring a small volume flow cell on a high precision Peltier temperature control system, thermostated sample holder and pump for liquid handling.

#### **ACEA Biosciences, Inc.**

##### **Booth 1126**

6779 Mesa Ridge Road, Suite 100  
San Diego, CA 92121  
Phone: 858-724-0928  
Fax: 858-724-0927  
Email: [info@aceabio.com](mailto:info@aceabio.com)  
Web: [www.aceabio.com](http://www.aceabio.com)

ACEA Biosciences, Inc. is a pioneer in the development and commercialization of high-performance, cutting-edge cell analysis platforms for life science research. Researchers are advancing their studies utilizing 1,000+ placed instruments for broad and diverse applications. The technology has been cited in over 500 peer reviewed publications.

#### **AEI Technologies.**

##### **Booth 1075**

201 Hunters Crossing Blvd.  
Bastrop, TX 78602  
Phone: 800-860-5930  
Email: [info@aeitechnologies.com](mailto:info@aeitechnologies.com)  
Web: [www.aeitechnologies.com](http://www.aeitechnologies.com)

AEI Technologies manufactures single and multi-channel metabolic measurement systems providing everything you need to accurately

measure energy metabolism by indirect calorimetry. Perfect for insects, amphibians, reptiles, birds, mammals, and humans. Proprietary software enables real-time data acquisition, which can be displayed tabular, graphical or exported to an excel spreadsheet.

#### **American Heart Association**

##### **Booth 1229**

7272 Greenville Avenue  
Dallas, TX 75231  
Phone: 214-706-1873  
Fax: 214-234-7505  
Email: [rita.pacheco@heart.org](mailto:rita.pacheco@heart.org)  
Web: [www.heart.org](http://www.heart.org)

The American Heart Association offers the latest information on cardiovascular and stroke research. Receive information on Patient Education, Professional Membership, Scientific Publications, Scientific Conferences and more.

#### **Baker Ruskinn**

##### **Booth 261**

PO Drawer E  
Sanford, ME 04073  
Phone: 800-992-2537  
Fax: 207-324-3869  
Email: [info@bakerco.com](mailto:info@bakerco.com)  
Web: [www.bakerruskinn.com](http://www.bakerruskinn.com)

For more than 60 years, The Baker Company has delivered high quality contamination control products to meet the unique and evolving needs of laboratory professionals. Our biological safety cabinets offer exclusive features for a more comfortable work environment, higher productivity and lower lifetime energy and filter costs. Learn more about our products at [www.bakerco.com](http://www.bakerco.com) or booth 331.

#### **BioSistemika**

##### **Booth 172**

Tehnoloski Park 24  
Ljubljana, 1000

Slovenia  
Phone: 386-592-09 277  
Email: [info@biosistemika.com](mailto:info@biosistemika.com)  
Web: [www.biosistemika.com](http://www.biosistemika.com)

When IT meets BIO!  
Our reliable software tools can save up to 40% time spent on: experiment design, data analysis, results interpretation, reporting and searching among data. Satisfied customers: Gilson Inc., Roche Diagnostics, Sandoz, Analytik Jena, Phyllos Bioscience USA and many more. Meet us at booth 172 - see for yourself! Contact us: [info@biosistemika.com](mailto:info@biosistemika.com)

**Biotage**  
**Booth 968**  
10430 Harris Oaks Blvd., Suite C  
Charlotte, NC 28209  
Phone: 704-654-4900  
Fax: 704-654-4917  
Email: [product\\_info@biotage.com](mailto:product_info@biotage.com)  
Web: [www.biotage.com](http://www.biotage.com)

Biotage is a leading provider of Instruments and Consumables for use in Medicinal Chemistry, Organic Chemistry, Peptide Synthesis and Analytical Testing. Check out the new Extrahera™, Simple automation, the New Isolera™ Dalton, Mass Detection for Flash Systems, and the Isolera™ Spektra with ACITM Accelerated Chromatographic Isolation which purifies 250 mg in 5 minutes.

**BioTechniques**  
**Booth 665**  
52 Vanderbilt Avenue, 11<sup>th</sup> Floor  
New York, NY 10017  
Phone: 212-520-2714  
Fax: 646-666-9858  
Web: [www.biotechniques.com](http://www.biotechniques.com)

BioTechniques, the international journal of life science methods, provides open access to first-quality, peer-reviewed papers on laboratory techniques and protocols. Now in its 58th volume, BioTechniques has over 80,000 print subscribers worldwide. The journal augments its peer-reviewed content with feature articles and topic-specific supplements.

**BioVision, Inc.**  
**Booth 1134**  
155 South Milpitas Boulevard  
Milpitas, CA 95035  
Phone: 408-493-1800

Fax: 408-493-1801  
Email: [sales@biovision.com](mailto:sales@biovision.com)  
Web: [www.biovision.com](http://www.biovision.com)

BioVision develops and offers a wide variety of products including assay kits, antibodies, recombinant proteins & enzymes, and other innovative research tools for studying Apoptosis, Metabolism, Cell Proliferation, Cellular Stress, Cell Damage and Repair, Diabetes, Obesity and Metabolic Syndrome, Stem Cell Biology, Gene Regulation, Signal Transduction, etc.

**BMG LABTECH**  
**Booth 214**  
13000 Weston Parkway, Suite 109  
Cary, NC 27513  
Phone: 919-678-1633  
Fax: 919-678-1640  
Email: [usa@bmglabtech.com](mailto:usa@bmglabtech.com)  
Web: [www.bmglabtech.com](http://www.bmglabtech.com)

BMG LABTECH - The Microplate Reader Company - offers a wide range of microplate readers for a multitude of applications in life science, drug discovery and research. No matter what your assay, BMG LABTECH offers multimode, dedicated and HTS microplate readers to fit your application needs.

**BodyViz**  
**Booth 1347**  
8805 Chambery Blvd., Suite 300-242  
Johnston, IA 50131  
Phone: 877-296-4111  
Fax: 877-296-4110  
Email: [alexandrade@bodyviz.com](mailto:alexandrade@bodyviz.com)  
Web: [www.bodyviz.com](http://www.bodyviz.com)

BodyViz is affordable, easy to use, innovative software that's bringing 3D medical visualization to the forefront of technology. BodyViz creates incredible 3D MRI, CT scan visualizations, all quickly and easily created from a patient's MRI or CT scan data.

**Boston Biochem**  
**Booth 814**  
840 Memorial Drive  
Cambridge, MA 02139  
Phone: 617-576-2210  
Email: [info@bostonbiochem.com](mailto:info@bostonbiochem.com)  
Web: [www.bostonbiochem.com](http://www.bostonbiochem.com)

Boston Biochem, Inc. is the leading global

producer of ubiquitin-related research products. Since 1997, our mission has been to provide ubiquitin proteasome pathway (UPP) researchers with innovative tools to facilitate and accelerate drug discovery. Boston Biochem specializes in several related product lines for ubiquitin and ubiquitin-like (UBL) proteins, associated enzymes, *substrates, inhibitors and kits.*

**CAS-Chemical Abstract Service**

**Booth 976**

2540 Olentangy River Road  
Columbus, OH 43202  
Phone: 614-447-3600  
Fax: 614-447-3837  
Email: [info@cas.org](mailto:info@cas.org)  
Web: [www.cas.org](http://www.cas.org)

**DRVision Technologies**

**Booth 1247**

15921 NE 8<sup>th</sup> Street, Suite 200  
Bellevue, WA 98008  
Phone: 425-647-9176  
Email: [support@drvtechnologies.com](mailto:support@drvtechnologies.com)  
Web: [www.svcell.com](http://www.svcell.com)

Image Analysis is No Longer Just for Experts  
SVCell RS can get you from images to quality results quickly and easily. Here are some key features only available from SVCell  
Recipe-Driven; Progressive Refinement; Frame-by-Frame Analysis. For more details about the software, features and recipes, please drop by the booth or visit our website.

**Enzyme Research Labs/DSM Pentapharm**

**Booth 424**

1801 Commerce Drive  
South Bend IN 46628  
Phone: 574-288-2268  
Fax: 574-288-2272  
Email: [info@enzymeresearch.com](mailto:info@enzymeresearch.com)  
Web: [www.enzymeresearch.com](http://www.enzymeresearch.com)

Enzyme Research Laboratories is a leading supplier of purified coagulation and fibrinolytic proteins. We also have monoclonal and polyclonal antibodies, immunodepleted plasmas, ELISA reagents and contract services. With the recent addition of the DSM PENTAPHARM product line, we now offer PRIONEX<sup>®</sup>, protease inhibitors including PEFABLOC<sup>®</sup> SC and APROTININ, peptide substrates and snake venom proteins.

**Essen BioScience Inc.**

**Booth 1128**

300 W. Morgan Road  
Ann Arbor, MI 48108  
Phone: 734-769-1600  
Fax: 734-769-7295  
Web: [www.essenbioscience.com](http://www.essenbioscience.com)

Essen BioScience announces the new InCuCyte Zoom live-content imaging platform, the first fully automated 2-color and phase microscope designed to work in your incubator. The system works with Essen's kinetic in vitro assays and reagents for functional measurement of living cells. Essen also is a CRO offering live-cell imaging and ion channel screening, profiling and mechanistic pharmacology.

**Metabolon, Inc.**

**Booth 653**

617 Davis Drive, Suite 400  
Durham, NC 27713  
Phone: 919-572-1711  
Fax: 919-572-1721  
Email: [info@metabolon.com](mailto:info@metabolon.com)  
Web: [www.metabolon.com](http://www.metabolon.com)

Metabolon provides global biochemical profiling services and insight into complex biochemical processes involved with/affected by natural variation, genetic manipulation, disease, intervention and treatment. Through analysis/interpretation, we provide mechanistic understanding of biological systems and identify markers of action, effect, response and safety, advancing personalized healthcare and nutrition.

**Lab Rat Gifts, LLC**

**Booth 476**

6 Delaware Drive, Unit 1  
Salem, NH 03079  
Phone: 603-490-0079  
Email: [sales@labratgifts.com](mailto:sales@labratgifts.com)  
Web: [www.labratgifts.com](http://www.labratgifts.com)

Tired of giving out the same old gift cards? Lab Rat Gifts is a new and exciting eStore developed to provide researchers around the world inspired laboratory gifts for men, women, and your other loved ones. From mugs and plush dolls to phone covers and T-shirts, Lab Rat Gifts has all your needs. In 2015, we now offer corporate gift or promo cards to help you grow your business and

reward your customers!

**Microfluidic ChipShop GmbH  
Booth 964**

Stockholmer Str. 20  
07747 Jena, Germany  
Phone: 49 3641347050  
Fax: 49 36413470590  
Email: [info@microfluidic-chipshop.com](mailto:info@microfluidic-chipshop.com)  
Web: [www.microfluidic-chipshop.com](http://www.microfluidic-chipshop.com)

**MP Biomedical**

**Booth 373**

29525 Fountain Parkway  
Solon, OH 44139  
Phone: 800-854-0530  
Fax: 800-334-6999  
Email: [custserv@mpbio.com](mailto:custserv@mpbio.com)  
Web: [www.mpbio.com](http://www.mpbio.com)

MP Biomedicals sells 55,000 products featuring molecular biology products and FastPrep® sample prep instruments, accessories and nucleic acid purification kits. We supply immunology and cell biology products, with antibodies, antigens, purified proteins, culture media and immunoassay reagents. We serve researchers worldwide with innovative tools to meet their needs with unparalleled service.

**Nanolive SA**

**Booth 426**

Chemin de la Dent d'Oche 1a  
1024 Ecublens  
Switzerland  
Phone: 41 21 693 7012  
Email: [lisa@nanolive.ch](mailto:lisa@nanolive.ch)  
Web: [www.nanolive.ch](http://www.nanolive.ch)

**sbv IMPROVER**

**Booth 1235**

Quai Jeanrenaud 5  
2000 Neuchatel  
Switzerland  
Email: [sbvimprover.rd@pmi.com](mailto:sbvimprover.rd@pmi.com)  
Web: [www.sbvimprover.com](http://www.sbvimprover.com)

The scope of sbv IMPROVER is the verification of methods and concepts in systems biology research. The current Network Verification Challenge is a crowd-approach for the verification and expansion of pre-defined biological networks. It is expected to increase the networks' value and promote their use in research applications such as drug discovery,

personalized medicine, and toxicological risk assessment.

**STE**

**Booth 972**

8209 Rider Avenue  
Towson, MD 21204  
Phone: 410-821-8441  
Fax: 410-821-8429  
Email: [gkramer@comcast.net](mailto:gkramer@comcast.net)  
Web: [www.skintestequip.com](http://www.skintestequip.com)

**TiVi700** Spectroscopy images/quantifies wound healing and maps microvascular activity.

**Epsilon** maps and measures soft tissue/membrane hydration in vitro in/ex vivo, *in situ* using a modified fingerprint sensor.

**AquaFlux** Condenser Chamber TEWL assesses barrier function/integrity of skin and membranes in/ex vivo, *in vitro*.

**DUB SkinScanner** HFUS accurately images/measures skin thickness and density.

**The New York Times**

**Booth 507**

391 Totten Pond Road, Suite 304  
Waltham, MA 02451  
Phone: 216-789-8194  
Fax: 781-890-2799  
Web: [www.ontheavenuemarketing.com](http://www.ontheavenuemarketing.com)

**Vision Engineering**

**Booth 973**

570 Danbury Road  
New Milford, CT 06776  
Phone: 860-355-3776  
Email: [info@visioneng.com](mailto:info@visioneng.com)  
Web: [www.visioneng.us](http://www.visioneng.us)

**VisualSonics**

**Booth 1003**

3080 Yonge Street, Suite 6100  
Box 66  
Toronto, ON M4N 3N1  
Canada  
Phone: 416-484-5000  
Email: [info@visualsonics.com](mailto:info@visualsonics.com)  
Web: [www.visualsonics.com](http://www.visualsonics.com)

FUJIFILM VisualSonics, Inc is the undisputed world leader in real-time, *in vivo*, high-resolution, micro-imaging systems, providing modalities specifically designed for preclinical research. These cutting edge technologies allow researchers at the world's most

prestigious pharmaceutical and biotechnology companies, hospitals and universities to conduct research in cardiovascular, cancer, neurobiology and developmental biology areas. These technologies support applications that

include genetic research, phenotypic studies and drug development. VisualSonics platforms combine high-resolution, real-time *in vivo* imaging at reasonable cost with ease-of-use and quantifiable results.

## PRODUCT WORKSHOPS

**Monday, March 30**

### **NEW Amersham™ WB system, The New Standard in Western Blotting**

GE Healthcare  
800 Centennial Avenue  
PO Box 1327  
Piscataway, NJ 08855-1327

Phone: 732-457-8000  
Fax: 877-295-8102  
Email: [cs-us@ge.com](mailto:cs-us@ge.com)  
Web: [www.gelifesciences.com](http://www.gelifesciences.com)

12:00 PM - 1:00 PM, Room A, Show Floor - Hall A  
*Presenter:* Dr. Phil Beckett, Applications Scientist

The Amersham™ WB system is a fully integrated system for separation, transfer, detection, and quantitative analysis of proteins that gives consistent, quantitative data for every sample, every time. The system achieves this high quality of data by combining three elements: a SMART system design that standardizes and monitors every step of the process; dedicated consumables and optimized protocols that minimize assay variability; and built-in data normalization. The system delivers consistent, quantitative data with reduced repetition, fewer control experiments, and less time spent on assay optimization. With the Amersham WB system, you will feel confident that you have the results you need to move forward. The system uses fluorescence detection for wider dynamic range, increased sensitivity, and to allow for color multiplexing applications such as the detection of phosphorylated/non-phosphorylated proteins. Join us to learn more.

**Tuesday, March 31**

### **Bringing Anatomy Education to Life - a Fully-Digital and Interactive Experience**

Primal Pictures  
Sheepen Place  
Colchester  
C03 3LP Essex  
U.K.

Phone: 44 20 7017 5000  
Email: [info@primalpictures.com](mailto:info@primalpictures.com)  
Web: [www.primalpictures.com](http://www.primalpictures.com)

11:00 AM - 12:00 PM, Room A, Show Floor - Hall A  
*Presenter:* Dr. Don Hilbelink, University of South Florida

In this presentation, Dr. Don Hilbelink, Professor of Anatomy at University of South Florida, will discuss the evolution of his undergraduate anatomy and physiology course from traditional lecture-based format to fully-digital and interactive. Dr. Hilbelink will share perspective regarding how the course has evolved including successes, pitfalls and student outcomes. He will provide an overview of how he has embedded student assessment directly into the course materials and how he has partnered with Primal Pictures, producers of the highest-quality 3D model of the human body, to originate a fully-immersive educational resource. He will illustrate that learning the multi-dimensional topic of anatomy is best taught, learned and understood through a multi-dimensional learning environment.

**Disclaimer: Participation in the Exhibits Program does not constitute an endorsement by the participating societies of the claims, products, or services offered.**