Call for Abstracts

Abstract Deadline: Thursday, November 5, 2015

Experimental Biology 2016

San Diego
April 2 – 6

Annual Meetings of:

For further information www.experimentalbiology.org
The Guest Societies participating in EB 2016 include:

- Brazilian Society of Anatomy
- American College of Sports Medicine (ACSM)
- American Federation for Medical Research (AFMR)
- APS Guest Society
- Brazilian Society of Physiology (SBFiS)
- Biomedical Engineering Society (BMES)
- Microcirculatory Society (MCS)
- The Physiological Society (TPS)
- Biochemical Society
- Division of Biological Chemistry – American Chemical Society (ACS)
- Panamerican Association for Biochemistry and Molecular Biology (PABMB)
- Society for Experimental Biology and Medicine (SEBM)
- American Society for Matrix Biology (ASMB)
- American College of Veterinary Pathologists (ACVP)
- Association of Pathology Chairs (APC)
- American Physician Scientists Association (APSA)
- The Histochemical Society (HCS)
- The Society for Cardiovascular Pathology (SCVP)
- Società Italiana di Patologia e Medicina Traslazionale/Italian Society of Pathology and Translational Medicine (SIPMeT)
- Society of Toxicologic Pathology (STP)
- Academy of Nutrition and Dietetics
- African Nutrition Graduate Students Network (AGSNet)
- American Academy of Pediatrics
- American Society for Animal Science
- Association of Nutrition Departments and Programs
- Brazilian Society for Food and Nutrition
- Canadian Nutrition Society
- Chinese Nutrition Society
- ILSI North America
- Institute of Food Technologists
- International Colleges for the Advancement of Nutrology
- International Society for Research in Human Milk and Lactation
- Japan Society of Nutrition and Food Science
- Korean Nutrition Society
- National Board of Physician Nutrition Specialists
- North American Society for Pediatric Gastroenterology, Hepatology and Nutrition
- Nutrition Society of Taiwan
- Plant Phenolics and Human Health Research Interest Group (PhenHRIG)
- Society for Nutrition Education and Behavior
- Society for Pediatric Research
- The Nutrition Society (UK)
- Southern Society for Clinical Investigation
- Academic Drug Discovery Consortium
- Behavioral Pharmacology Society (BPS)
- Global GI Club
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The complete Call for Abstracts and general information is at [www.experimentalbiology.org](http://www.experimentalbiology.org)

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Experimental Biology is an annual meeting comprised of more than 14,000 scientists representing six sponsoring societies and 45 guest societies. Primary focus areas include anatomy, physiology, biochemistry and molecular biology, investigative pathology, nutrition and pharmacology. EB 2016 is open to all organizing and guest society members and nonmembers with interest in the latest research impacting life sciences. Attendees represent scientists from academic institutions, government agencies, non-profit organizations and industry.

This multidisciplinary, scientific meeting features plenary and award lectures, workshops, oral and poster presentations, on-site career services and exhibits spotlighting equipment, supplies and publications required for research labs and experimental study.

Experimental Biology 2016 offers:

- Access to 6 collective society meetings in one location with one registration fee
- More than 50 concurrent scientific sessions open to all attendees featuring the latest in life sciences disciplines
- Opportunity to meet representatives from over 300 companies on the exhibit floor
- Over 7,000 poster presentations in 4 days of poster sessions
- More than 90 award programs and travel funding opportunities, plus poster competitions (awards vary by society)
- On average, sixty-five countries represented annually creating a diverse audience

Mark your Calendar
Experimental Biology 2016 – Transforming the Future through Science

April 2 – 6
San Diego Convention Center
111 West Harbor Drive
San Diego, CA 92101-7899

Scientific Sessions:
Saturday, April 2 – Wednesday, April 6

Poster Sessions:
Sunday, April 3 – Wednesday, April 6

Exhibits:
Sunday, April 3 – Tuesday, April 5

Contact us at:

EB
9650 Rockville Pike
Bethesda, MD 20814-3998
(T) 301-634-7010 • (F) 301-634-7014
management@experimentalbiology.org
www.experimentalbiology.org
ANATOMY
- “Once Upon a Time”: Cultivating the Skill of Story Telling
- Unlocking Your Potential in Academics: Seizing Opportunities to Succeed while Avoiding Pitfalls
- Written and Visual Communication: Developing an Outstanding Abstract and Poster

PHYSIOLOGY
- Publishing 101: How to Get Your Work Published and Avoid Ethical Minefields
- Now Hiring PhDs: Postdoc Not Required
- Negotiating for Success!

BIOCHEMISTRY
- ASBMB Graduate and Postdoctoral Professional Development Program
- ASBMB Women Scientists Panel and Networking Reception
- Beyond the Bench: Maximizing Graduate/Postdoctoral Training for Non-Research STEM Careers
- CRISPR Workshop: Power and Challenges
- Incentivizing Great Research, sponsored by the ASBMB Public Affairs Advisory Committee
- Science Outreach Communication Workshop: Storytelling
- Welcome and Networking Reception, sponsored by the ASBMB Minority Affairs Committee

PATHOLOGY
- XVIth Annual ASIP/AAA Career Development and Mentoring Program and Lunch: How to Network Efficiently and Choose a Career Path
- Committee for Career Development & Diversity Workshop: Career-Choice Opportunities in Science

NUTRITION
- Amid Controversy and Caveats: The Future of the Postdoc, organized by the Young Professional Interest Group
- Speed Mentoring for Students, organized by the Young Professional and Student Interest Groups
- Clinical Emerging Leaders Award Competition, organized by the Medical Nutrition Council
- Graduate Student Research Award Competition, organized by the Nutritional Sciences Council
- Global Nutrition Student Poster Award Competition, organized by the Global Nutrition Council and supported by Kellogg Company
- Emerging Leaders in Nutrition Science Poster Competition
- Postdoctoral Research Award Competition, organized by the Young Professional Interest Group and endowed by DuPont Nutrition and Health
- Young Minority Investigator Oral Competition, organized by the Minority and Diversity Affairs Committee and supported by DSM Nutritional Products

PHARMACOLOGY
- Diversity Mentoring Breakfast
- Graduate Student-Postdoctoral Colloquium
- Hear it from the Editors: Navigating the Course through Journal Submission and Publication
- Securing Intramural Fellowships to Enhance Your Pharmacology Training
- Teaching Institute: Developing Mentees Using IDPs

CAREER DEVELOPMENT SESSIONS
Visit: www.experimentalbiology.org for further information
CARERE DEVELOPMENT SESSIONS (continued)

MARC & Professional Development Programs

- Get Up with Something on Your Mind: Strategic Thinking Tips for Achieving Academic/Career/Personal Success
- Networking: A Required Life Skill
- Goal Setting, Prioritizing, Time and Stress Management
- Striving for EXCELLENCE: Prerequisite for Academic/Career/ Life Success
- Making the Case for Graduate School
- Navigating the Protocol, Milestones, and Graduate Degree Requirements
- Developing and Writing the Doctoral Dissertation Proposal
- Overcoming Communication Barriers
- Global Interview Skills: A Practice Workshop for International Candidates
- Job Search in Academia and Industry: Timelines and Effective Strategies
- Negotiation Strategies for Scientists
- Making the Grade: Job Talk/Chalk Talk
- I Said What?!?!
- Networking: Is it Only Who You Know?
- Attitudes and Behaviors: How are you Perceived?
- Successful Behaviors for Winning an Interview
- Making the Connection: The Relationship between the Resume, the Interview and the Job
- Your Behavioral CV
- Understanding Search Community & Finding Job Announcements
- Creating Effective CVs, Cover Letters, Research & Teaching Statements
- Nailing the Job Talk & Interview Prep
- Identifying Your Options Using ScienceCareers.org, LinkedIn & More
- Building Your Skills, Networking, and Informational Interviews
- Translating Your Credentials on Paper (CV=Resume) and In Person
- How to Choose Your Ideal Career
- Job Hunting in Biotech Part 1 – Finding and Applying for Scientist Positions
- Job Hunting in Biotech Part 2 – Interviewing for Scientist Positions
- Job Hunting in Biotech Part 3 – Compensation Negotiation for Scientist Positions
- But I Have No Skills!
- Talking About Yourself: Interviewing Well
- Transforming Your CV
- Developing Your Core Message/“Elevator “Pitch”
- Ten Ways to Get Lucky in the Job Search
- Beyond the Bench: Preparing for your Career Transition in the Life Sciences
- Ten Tough Industrial Interview Questions, (and Ten Pretty Good Responses)
- The CV, the Resume, and the Scientist’s Job Search: Which, When and Why?
- The Industrial Hiring Process: Learn the Nuisances, Get the Offer
- An Interview Tune Up: Putting Your Best Foot Forward When it Really Counts
- Workplace Dynamics

NIH Grants

- NIH Career Development Programs and Early-Stage Investigators
The EB 2016/FASEB Career Center will feature:
- Virtual Career Fair (before, during and after the meeting)
- Computer-assisted registration, ‘search-and-referral’ services, interview scheduling and message services
- On-site interview facilities
- ‘Position Available’ posting area
- Career development seminars
- Cover letter and resume critique workshops
- Message center for job-seekers and employers
- Job-Seeker database (year-round job-seeker resume referrals)

Note: Access to the Career Center is FREE to all registered Experimental Biology 2016 meeting attendees.

MARC Program Poster/Platform Presenter Travel Awards
The FASEB MARC Program will be sponsoring EB 2016 Travel Awards to help support the participation of full-time postdoctoral fellows and students from underrepresented groups. The travel awards are funded up to $1,850 each for travel-related expenses and meeting registration. Travel awards are provided as reimbursements after the meeting. The travel awards are supported by a federal training grant from the NIGMS/NIH; therefore, only U.S. citizens and permanent residents of the U.S. are eligible for the travel awards. For travel award information, contact marc@faseb.org

Note: Travel award application deadline—February 12, 2016.

NIH Grants Seminars & Workshops
The FASEB Office of MARC & Professional Development Programs will offer NIH grant seminars as part of the Career Center at the Experimental Biology 2016 Annual Meeting. Dr. Henry Khachaturian of NIGMS, NIH will give presentations on the ‘NIH K and F Awards.’

NIH K Awards
This presentation will focus on the NIH’s new K99/00 Pathways to Independence Award (for postdoctoral scientists) and the K08 Mentored Clinical Scientist Development Award (for individuals with a health professional doctoral degree committed to a career in laboratory or field-based research.) The interactive discussion will give attendees an opportunity to ask questions of and obtain insight from an NIH representative.

NIH Fellowship (F) Awards
This presentation will focus on the NIH’s Ruth L. Kirschstein National Research Service Awards (NRSA). The NRSA research training fellowship (F) awards are targeted to individuals with or seeking research doctoral degrees (Ph.D. and equivalent) and clinical doctoral degrees (M.D. and equivalent). Among the F awards discussed will be the F30, NRSA Individual Predoctoral MD/PhD or Other Dual-Doctoral Degree Fellowship Award, the F31 NRSA Individual Predoctoral Fellowship, the F31 NRSA Individual Predoctoral Fellowship to Promote Diversity in Health-Related Research Award, the F32 NRSA Individual Postdoctoral Fellowship Award, and the NRSA Individual Senior Fellowship Award. The interactive discussion will give attendees an opportunity to ask questions of and obtain insight from an NIH representative on these and other awards available for pre- and postdoctoral fellows and senior investigators.

IMPORTANT: Handouts and resource materials will be provided on-site.

For further information, contact:
FASEB Office of MARC and Professional Development Programs
9650 Rockville Pike, Bethesda, MD 20814-3998
Email: marc@faseb.org

Contact

Career Center
careers.faseb.org
Email: careers@faseb.org or clientserv@yourmembership.com
Phone: 866-376-0949 Ext. 6016

FASEB MARC Program Travel Awards
Email: marc@faseb.org
Phone: 301-634-7109
ANATOMY
- Anatomy Education Roundtable - Anatomical Curriculum Content: What to Teach or Not to Teach?
- Alternative Preservation Techniques to Meet the Needs of Today’s Students
- Applied 3D Printing in Anatomical and Medical Education and Research
- Building the Future of Histology: Synergy between Educators, Clinicians and Technology (Hybrid)
- Qualitative Research in Anatomy Education: The Nuts and Bolts, and Then Some
- What Can We Do When It All Falls Apart? Remediation and How to Help Students Who Are Struggling (Hybrid)
- Anatomy Education (Platform Sessions)

PATHOLOGY
- XVIIth Annual workshop on Graduate Education in Pathology: Integrating Clinical and Anatomic Pathology
- Course: Pathobiology for Basic Scientists: Metabolism Run Amok: Understanding Biochemical Pathways and Their Pathologic Consequences in Cancer and Systems Biology Students
- Scientific Sleuthing of Human Disease for High School Teachers and Undergraduate Students
- Lunch and Learn: Science, Statistics, and Getting it Right: Interactive Discussion of Common Undergraduate Problems

PHYSIOLOGY
- Claude Bernard Distinguished Lectureship of the APS Teaching of Physiology Section
- Innovations in Teaching Physiology
- Keep your Eye on the Ion: Refresher Course on Ionic Homeostasis and Systems Physiology
- Standing on the Edge: Transformational Teaching and Learning beyond the Classroom Walls
- Scientific Foundation for Clinical Practice: More than a Pile of Facts

BIOCHEMISTRY
- Advancing Teaching and Learning in the Biochemistry/ Molecular Biology Classroom
- ASBMB Accreditation Program Workshop
- ASBMB Award for Exemplary Contributions to Education Lecture
- Biochemistry and Today’s Premedical Student
- Hands-On Opportunities to Promote Engagement in Science (HOPES) Workshop
- Integrating Complementary Skills into Graduate and Postdoctoral Training
- Molecular Visualization Is Your Friend
- Promoting Concept-Driven Teaching Strategies in BMB through Concept Assessments
- Translational Scientist: Integrating Science and Medicine, presented by The Society for Experimental Biology and Medicine

PHARMACOLOGY
- A Pharmacokinetics Primer: From Equations to Application
- Cultivating the Next Generation of Researchers through SURF and Beyond
- Graduate Student-Postdoctoral Colloquium
- Meet the New POPS – They’ll Flip Your Teaching
- Securing Intramural Fellowships to Enhance Your Pharmacology Training
- Teaching Institute: Developing Mentees Using IDPs

EB SPECIAL JOINT LECTURE
- Tang Prize Lecture and Reception
  See page 37 for more information.

FASEB EXCELLENCE IN SCIENCE AWARD
- Bonnie L. Bassler, Princeton University
PUBLIC ENGAGEMENT SESSIONS

BIOCHEMISTRY
► Science Outreach Communication Workshop: Storytelling
► Incentivizing Great Research

PHYSIOLOGY
► Having Trouble with Your IACUC??
► Setting the Record Straight for Science: How to Write to Local and National News Outlets
CME Accreditation Statement:
This activity ("American Society for Investigative Pathology [ASIP] 2016 Annual Meeting") has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the American Society for Clinical Pathology (ASCP) and the American Society for Investigative Pathology (ASIP). ASCP is accredited by the ACCME to provide continuing medical education for physicians.

Educational Objective/Target Audience
The objective of the ASIP 2016 Annual Meeting is to increase basic and applied pathology knowledge, and to provide a forum for the exchange of new research by scientists and investigators. The ASIP 2016 Annual Meeting is designed to meet the participants’ education needs in the physician competency area of Medical Knowledge, as defined by the Accreditation Council for Graduate Medical Education (ACGME) and the American Board of Medical Specialties (ABMS), and to support participants’ lifelong learning towards a goal of promoting patient safety and improving patient care and is specifically targeted to graduate and medical students, postdoctoral fellows, research scientists, clinical practitioners, and medical education professionals.

At the completion of the ASIP 2016 Annual Meeting, participants should be able to:
1. discuss the research underway and/or the current topics relevant to their areas of interest in pathology;
2. demonstrate a gained level of knowledge of the methods and techniques being used by researchers and practitioners in the field;
3. utilize information and data that leads to improvements in human health.

Disclosure of Financial Relationships and Resolution of Conflicts of Interest:
In order to ensure balance, independence, objectivity and scientific rigor in all its educational activities, and in accordance with ACCME Standards, the ASCP requires that all individuals in a position to influence and/or control the content of ASCP CME activities disclose to the ASCP and subsequently to learners whether they do or do not have any relevant financial relationships with proprietary entities producing health care goods or services that are discussed in CME activities. Faculty are asked to use generic names in any discussion of therapeutic options, to base patient care recommendations on scientific evidence and to base information regarding commercial products/services on scientific methods generally accepted by the medical community. All ASCP CME activities are evaluated by participants for the presence of any commercial bias and thus input is used to subsequent CME planning decisions. The primary purpose of this “live” CME activity is educational and the comments, opinions, and/or recommendations expressed by the faculty or authors are their own and not those of ASCP or ASIP.

Continuing Professional Education
ASN (Provider #NS010) is accredited and approved by the Commission on Dietetic Registration (CDR) as a provider of Continuing Professional Education (CPE) programs for Registered Dietitians. Learn more at scientificsessions.nutrition.org.

Please contact the ASIP Education Office
cme@asip.org
301-634-7130
if you have any questions regarding CME.
SOCIETY AWARDS AND TRAVEL FUNDING OPPORTUNITIES

Details and award application forms are available on the websites noted below.

ANATOMY: Visit www.anatomy.org/travel-awards.html for details

Apply online when submitting your abstract.

Graduate Student Poster Presentation Award ................................................................. 11/05/2015
Langman Graduate Student Platform Presentation Award ............................................... 11/05/2015
Postdoctoral Fellow Poster Presentation Award ............................................................ 11/05/2015
Postdoctoral Fellow Platform Presentation Award ........................................................ 11/05/2015
Education Research Platform Presentation Award ......................................................... 11/05/2015
AAA/ASE Student/Postdoctoral Education Research Poster Award ........................... 11/05/2015
Young Faculty Travel Award ......................................................................................... 11/05/2015

BIOCHEMISTRY: Visit www.asbmb.org/meeting2016

All application criteria must be followed and may be viewed at www.asbmb.org/meeting2016/travelawards.

ASBMB Annual Meeting Childcare Grant................................................................. 11/12/2015
ASBMB Graduate/Postdoctoral Travel Award........................................................... 11/12/2015
ASBMB Underrepresented Graduate Student Travel Award .................................... 11/12/2015
ASBMB Undergraduate Faculty Travel Award .......................................................... 11/12/2015
ASBMB Undergraduate Student Competitive Travel Award ..................................... 11/12/2015
ASBMB Student Chapters Travel Award ................................................................. 01/15/2016
ASBMB Outstanding Student Chapter Award .......................................................... 02/19/2016

PHYSIOLOGY: Visit www.apsebmeeting.org/awards/index.htm

APS ADInstruments Macknight Early Career Innovative Educator Award .................. 12/01/2015
APS Best Research Paper published in AJP-Lung by a Junior Investigator
(sponsored by the American Physiological Society) ....................................................... 11/12/2015
APS Cardiovascular Section Clinical Science Young Investigator Award Sponsored by Portland Press .... 11/10/2015
APS Cardiovascular Section New Investigator Award ................................................. 11/10/2015
APS Cardiovascular Section Carl J. Wiggers Award ................................................... 02/03/2016
APS Cardiovascular Section Research Recognition Awards ........................................... 11/10/2015
APS Caroline tum Suden/Frances Hellebrandt Professional Opportunity Awards ........................................... 11/05/2015
APS Cell & Molecular Physiology Section New Investigator Award ......................... 12/01/2015
APS Cell & Molecular Physiology Section Research Recognition Award ................ 12/01/2015
APS Cell & Molecular Physiology Section Robert Gunn Student Award .................. 12/01/2015
APS Central Nervous System New Investigator Award ............................................ 11/13/2015
APS Central Nervous System Research Recognition Award ...................................... 11/13/2015
APS Central Nervous System Van Harreveld Award .................................................. 11/13/2015
APS Comparative & Evolutionary Physiology New Investigator Award .................... 12/07/2015
APS Comparative & Evolutionary Physiology Research Recognition Award .............. 12/07/2015
APS Comparative & Evolutionary Physiology Travel Award Sponsored by Dr. Dolittle .... 12/07/2015
APS Comparative & Evolutionary Physiology Scholander Award ............................... 12/07/2015
APS Comparative & Evolutionary Physiology Travel Award sponsored by Novo Nordisk Foundation .... 12/07/2015
APS Dale J. Benos Early Career Professional Service Award ................................... 01/24/2016
APS David S. Bruce Outstanding Undergraduate Abstract Awards and Awards for Excellence in Undergraduate Research ......................................................... 01/12/2016
APS Endocrinology and Metabolism Campbell Awards .......................................... 11/08/2015
SOCIETY AWARDS AND TRAVEL FUNDING OPPORTUNITIES (continued)

Details and award application forms are available on the websites noted below.

APS Endocrinology & Metabolism Section New Investigator Award ................................................................. 11/08/2015
APS Endocrinology & Metabolism Section Research Recognition Award .......................................................... 11/08/2015
APS Environmental & Exercise Physiology Nike, Inc. Loren G. Myhre Postdoctoral Research Award ..................... 11/05/2015
APS Environmental & Exercise Physiology Nike, Inc. Predoctoral Research Award ............................................. 11/05/2015
APS Environmental & Exercise Physiology Partnership for Clean Competition Beginning Investigator Award .......... 11/05/2015
APS Environmental & Exercise Physiology Partnership for Clean Competition New Investigator Award ............... 11/05/2015
APS Environmental & Exercise Physiology Section CAN-TROL Environmental Systems Predoctoral Investigator Award .. 11/05/2015
APS Environmental & Exercise Physiology Section CAN-TROL Environmental Systems Beginning Investigator Award .. 11/05/2015
APS Environmental & Exercise Physiology Gatorade Sport Science Institute Beginning Investigator Award .......... 11/05/2015
APS Environmental & Exercise Physiology Gatorade Sport Science Institute Predoctoral Investigator Award ....... 11/05/2015
APS Environmental & Exercise Physiology Section Military Award for Beginning Investigators .................................. 11/05/2015
APS Environmental & Exercise Physiology Section New Investigator Award ......................................................... 11/05/2015
APS Environmental & Exercise Physiology Section Pre-Doctoral Military Physiology Award ................................. 11/05/2015
APS Environmental & Exercise Physiology Section Predoctoral Recognition Award .............................................. 11/05/2015
APS Environmental & Exercise Physiology Section Honor Award .............................................................................. 03/01/2016
APS Environmental & Exercise Physiology Section Recognition Award for Beginning Investigators .............. 11/05/2015
APS Excellence in Professional Student (MD or DO) Research Travel Award ......................................................... 11/12/2015
APS Fleur L. Strand Professional Opportunity Awards .................................................................................................. 11/05/2015
APS Gastrointestinal & Liver Physiology Section New Investigator Award ............................................................... 12/14/2015
APS Gastrointestinal & Liver Physiology Section Predoctoral and Postdoctoral Poster Awards ......................... 12/14/2015
APS Gastrointestinal & Liver Physiology Takeda and Research Recognition Awards .............................................. 12/14/2015
APS Gastrointestinal & Liver Physiology Section Takeda Distinguished Research Awards ...................................... 12/14/2015
APS Gastrointestinal & Liver Physiology Section Takeda Travel Awards ................................................................. 12/14/2015
APS Mead Johnson Research Award in Endocrinology & Metabolism ................................................................. 11/08/2015
APS National Space Biomedical Research Institute’s Gravitational Physiology Beginning Investigator Award ........ 11/05/2015
APS National Space Biomedical Research Institute’s Predoctoral Gravitational Physiology Award ...................... 11/05/2015
APS Neuro Control & Autonomic Regulation Section Michael J. Brody Young Investigator Award ......................... 11/06/2015
APS Neuro Control & Autonomic Regulation Section Data Sciences International Outstanding Graduate Student Award . 11/06/2015
APS Neuro Control & Autonomic Regulation Section New Investigator Award ......................................................... 11/06/2015
APS Neuro Control & Autonomic Regulation Section Postdoctoral and Early Career Research Recognition Award .... 11/06/2015
APS Novel Disease Model Award for Pre-doctoral Student and Postdoctoral Fellow .............................................. 11/05/2015
APS Video Contest: Phantastic Physiology Voyage “Function Follows Form” ............................................................. 12/15/2015
APS Renal Section Predoctoral Excellence in Research Award .................................................................................. 11/21/2015
APS Renal Section New Investigator Award ................................................................................................................ 11/21/2015
APS Renal Section Predoctoral Excellence in Renal Research Awards ...................................................................... 11/21/2015
APS Renal Section Research Recognition Award ...................................................................................................... 11/21/2015
APS Renal Section Young Investigator Award ........................................................................................................... 02/27/2016
APS Respiration Section New Investigator Award ......................................................................................................... 11/12/2015
APS Respiration Section Research Recognition Award .................................................................................................. 11/12/2015
APS Robert W. Berliner Award for Excellence in Renal Physiology sponsored by Abbott Laboratories ................. 11/21/2015
APS Schmidt-Nielsen Award ...................................................................................................................................... 09/15/2015
APS Steven M. Horvath Professional Opportunity Award ............................................................................................. 11/05/2015
APS Teaching of Physiology Section New Investigator Award .................................................................................... 11/05/2015
APS Teaching of Physiology Section Research Recognition Award ............................................................................. 11/05/2015
APS Virendra B. Mahesh Award of Excellence in Endocrinology .................................................................................. 11/08/2015
APS Water & Electrolyte Homeostasis Section Juan Carlos Romero Postdoctoral Research Recognition Award .... 11/05/2015
APS Water & Electrolyte Homeostasis Section New Investigator Award in Regulatory and Integrative Physiology .... 11/21/2015
APS Water & Electrolyte Homeostasis Section Predoctoral Research Recognition Award ........................................ 11/05/2015
APS Minority Travel Fellowship Awards ....................................................................................................................... 11/12/2015
The Hermann Rahn Award for Excellence in Pulmonary Research (sponsored by Dr. Sadis Matalon) .................... 11/12/2015
The Usha (which means “dawn” in Sanskrit) Awards (sponsored by Dr. Prakash YS) ................................................. 11/12/2015
SOCIETY AWARDS AND TRAVEL FUNDING OPPORTUNITIES (continued)

Details and award application forms are available on the websites noted below.  

PATHOLOGY: Visit www.asip.org/awards

ASIP Trainee Travel Awards .......................................................................................................................... 11/05/2015
ASIP Experimental Pathologist-in-Training (EPIT) Award ........................................................................... 11/05/2015
ASIP Experimental Pathologist-in-Graduate Training (EPIGT) Award ............................................................ 11/05/2015
Gotlieb Family Fund for Undergraduate Education in Pathobiology Undergraduate Trainee Travel Award ......................................................................................................................................... 11/05/2015
Under-Represented Group (URG) Trainee Travel Awards ............................................................................. 11/05/2015
ASIP International Trainee Travel Award ......................................................................................................... 11/05/2015
The Histochmical Society Sponsored Trainee Travel Award to attend the ASIP Annual Meeting at Experimental Biology ........................................................................................................................................ 11/05/2015
The American Society for Investigative Pathology-American Physician Scientists Association Partnership Trainee Travel Award to attend the ASIP Annual Meeting at Experimental Biology ........................................................................................................................................ 11/05/2015
ASIP Junior Faculty Travel Award to attend the ASIP Annual Meeting at Experimental Biology
(\textit{Note: You must be an ASIP Regular or Next Century Member to qualify for this award}) .......................................................................................................................................................... 11/05/2015

NUTRITION: Visit: www.nutrition.org/awards

ASN Conrad Elvehjem Award for Public Service in Nutrition .............................................................................. 09/15/2015
ASN David Kritchevsky Career Achievement Award .......................................................................................... 09/15/2015
ASN E.V. McCollum International Lectureship in Nutrition .................................................................................. 09/15/2015
ASN E.L.R. Stokstad Award ................................................................................................................................. 09/15/2015
ASN General Mills Institute of Health and Nutrition Innovation Award ............................................................... 09/15/2015
ASN Kellogg Prize for International Nutrition Research ....................................................................................... 09/15/2015
ASN McCormick Science Institute Research Award ............................................................................................. 09/15/2015
ASN Milton L. Sunde Award .................................................................................................................................. 09/15/2015
ASN Norman Kretchmer Memorial Award in Nutrition and Development ........................................................... 09/15/2015
ASN Osborne and Mendel Award ........................................................................................................................ 09/15/2015
ASN Pfizer Consumer Healthcare Nutritional Sciences Award ............................................................................. 09/15/2015
ASN Robert H. Herman Memorial Award ........................................................................................................... 09/15/2015
ASN Robert Suskind & Leslie Lewinter-Suskind Pediatric Nutrition Lifetime Achievement Award .................................................. 09/15/2015
ASN Excellence in Nutrition Education Award ..................................................................................................... 09/15/2015
ASN Dannon Institute Mentorship Award ........................................................................................................... 09/15/2015
ASN Roland L. Weinsier Award for Excellence in Medical/Dental Education ......................................................... 09/15/2015
ASN Bio-Serv Award in Experimental Animal Nutrition ........................................................................................ 09/15/2015
ASN Mary Swartz Rose Senior Investigator Award ............................................................................................ 09/15/2015
ASN Mary Swartz Rose Young Investigator Award ............................................................................................. 09/15/2015
ASN Mead Johnson Award for Research ............................................................................................................. 09/15/2015
ASN Peter J. Reeds Young Investigator Award .................................................................................................... 09/15/2015
ASN Samuel J. Fomon Young Physician Award, sponsored by Nestlé Nutrition Institute .................................. 09/15/2015
ASN Postdoctoral Research Award Competition, endowed by DuPont Nutrition & Health, LLC. ....................... 11/05/2015
ASN Predoctoral Fellowship for Students in Nutrition Research ........................................................................... 12/15/2015
ASN Vernon R. Young Award ............................................................................................................................... 09/15/2015
ASN Nutrition Science Media Award ................................................................................................................... 01/20/2016
ASN Graduate Student Research Award Competition, organized by the Nutritional Sciences Council ................. 11/05/2015
ASN Clinical Emerging Leader Award Competition, organized by the Medical Nutrition Council ......................... 11/05/2015
ASN Global Nutrition Student Poster Award, organized by the Global Nutrition Council .................................... 11/05/2015
ASN Clinical Nutrition Internship Program ......................................................................................................... 02/16/2016
ASN MARC Travel Award .................................................................................................................................... 01/20/2016
ASN Young Minority Investigator Oral Competition, supported by DSM Nutritional Products .......................... 11/05/2015
ASN W.O. Atwater Lectureship Award, organized by the USDA Agricultural Research Service ........................ 11/04/2015
ASN Volunteer of the Year Award ........................................................................................................................ 01/20/2016
ASN Sustaining Partner Roundtable Award of Distinction ..................................................................................... 01/20/2016
ASN Korean Nutrition Society Award .................................................................................................................. 01/20/2016
ASN SIG Travel Award .......................................................................................................................................... 01/22/2016

www.experimentalbiology.org
PHARMACOLOGY: Visit www.aspet.org/awards/

- John J. Abel Award in Pharmacology .................................................................................................................. 09/15/2015
- Julius Axelrod Award in Pharmacology .................................................................................................................. 09/15/2015
- Goodman and Gilman Award in Receptor Pharmacology .......................................................................................... 09/15/2015
- Pharmacia-ASPET Award in Experimental Therapeutics .............................................................................................. 09/15/2015
- Robert R. Ruffolo Career Achievement Award ...................................................................................................... 09/15/2015
- Bernard B. Brodie Award in Drug Metabolism .......................................................................................................... 09/15/2015
- P.B. Dews Lifetime Achievement Award for Research in Behavioral Pharmacology .................................................. 09/15/2015
- Paul M. Vanhoutte Distinguished Lectureship in Vascular Pharmacology ................................................................. 09/15/2015
- ASPET Division for Toxicology Career Award ........................................................................................................... 12/01/2015
- ASPET Division for Toxicology Junior Investigator Award .......................................................................................... 12/01/2015
- ASPET Division for Toxicology New Investigator Award ............................................................................................. 12/01/2015
- ASPET Division for Neuropharmacology Early Career Independent Investigator Award .............................................. 12/01/2015
- Graduate Student Travel Awards .................................................................................................................................. 12/11/2015
- Young Scientist Travel Awards ..................................................................................................................................... 12/11/2015
- Undergraduate Student Travel Awards ....................................................................................................................... 12/11/2015
- Underrepresented Graduate Student Travel Award ................................................................................................... 12/11/2015
- Underrepresented Young Scientist Travel Award ...................................................................................................... 12/11/2015
- Pharmacology Educators Travel Award .................................................................................................................... 01/04/2016
- Best Presentation Awards for Undergraduates, Graduate Students, and Postdoctoral Scientists ................................ 11/23/2015

FASEB MARC PROGRAM: Visit www.faseb.org/marc for forms and information

- Poster/Platform Travel Awards ......................................................................................................................................... 02/13/2016
Please visit our website http://www.anatomy.org/annual-meeting.html for program updates and changes.

MINI-MEETINGS
Stem Cells Mini-Meeting
Tissue Mechanics & Morphogenesis Mini-Meeting

AWARD LECTURE SPEAKERS WILL BE ANNOUNCED IN NOVEMBER

PROFESSIONAL DEVELOPMENT SESSIONS
“Once Upon a Time”: Cultivating the Skill of Story Telling
Chair: Ann Poznanski (California Northstate Univ. College of Medicine)

Unlocking Your Potential in Academics: Seizing Opportunities to Succeed while Avoiding Pitfalls
Chair: H. Wayne H. Wayne (West Virginia Univ.)

Written and Visual Communication: Developing an Outstanding Abstract and Poster
Co-sponsored by AAA’s Advisory Committee for Young Anatomists
Chairs: Kirsten Brown (George Washington Univ.) & Loydie Jerome-Majewska (McGill Univ.)

SCIENTIFIC SYMPOSIA
Cranial Sutures and the Periodontal Ligament – The Soft Forces behind Shaping the Skull or Teeth
Chair: Anne Burrows (Duquesne Univ.)

Axial Anatomy in Primates: Locomotion, Posture & Evolution
Chair: Carol Ward (Univ. of Missouri)

Clinical Approach in Cardiovascular Research (Hybrid) *
Sponsored by the Brazilian Society of Anatomy
Chair: Richard Cabral (Univ. of São Paulo)

Clinical Approach in Morphological Research (Hybrid) *
Sponsored by the Brazilian Society of Anatomy
Chair: Valéria Fazan (Univ. of São Paulo)

Coronary Anomaly
Chair: Michiko Watanabe (Case Western Reserve Univ. School of Medicine.)

Cranial Sensory Organs: From Placodes to Disease
Chair: Sally Moody (George Washington Univ.)

Creating Structured Microenvironments for Regulating Stem Cell Differentiation
Stem Cells Mini-Meeting Symposium
Chair: David Mills (Louisiana Tech Univ.)

Future Medicine: The Impact of 3D Printing
Chair: David Mills (Louisiana Tech Univ.)

*AAA will be accepting abstracts for oral presentation within this session. Please see AAA topic categories on pages 40-41.
Macrophages: What are We “Seeing” and What are We Missing?  
Chair: Baljit Singh (Univ. of Saskatchewan)

Manipulation of Substrate Properties for Improved Construction of Stem Cell-Based Biomaterials  
Stem Cells Mini-Meeting Symposium  
Chair: David Mills (Louisiana Tech Univ.)

Mechanics of the Cardiovascular System  
Tissue Mechanics & Morphogenesis Mini-Meeting Symposium  
Co-sponsored by The Biomedical Engineering Society  
Chair: Song Li (Univ. of California, Berkeley)

Microglia Function and Activation in the CNS  
Chair: Kathryn Jones (Indiana Univ. School of Medicine)

Modern Imaging Approaches to Studying Animal Form and Function  
Chair: Casey Holliday (Univ. of Missouri)

Molecular Mechanisms of Tissue Dynamics  
Tissue Mechanics & Morphogenesis Mini-Meeting Symposium  
Chair: Kenneth Kramer (Creighton Univ.)

Morphogenesis and Differentiation of Cranial Neural Crest and Placodes  
Chair: Sally Moody (George Washington Univ.)

Paracrine Effects of Stem Cells  
Chair: TBD

Reverse Engineering Mechanotransduced Inflammatory Responses  
Tissue Mechanics & Morphogenesis Mini-Meeting Symposium  
Co-sponsored by The Biomedical Engineering Society  
Chair: Scott Simon (Univ. of California, Davis)

Sensation Mechanism of Body Fluid Flow by Primary Cilia  
Chair: Takanari Inoue (Johns Hopkins Univ.)

Skin Deep: Structure and Function of Osteoderms  
Chair: Tomasz Owerkowicz (California State Univ., San Bernardino)

The Fate of the Chondrocyte in Development, Regeneration, and Disease  
Chair: Ralph Marcucio (Univ. of California San Francisco)

The Role of microRNAs in Craniofacial Development  
Chair: Brad Amendt (Univ. of Iowa)

Tissue Contractility and Morphogenesis  
Tissue Mechanics & Morphogenesis Mini-Meeting Symposium  
Chair: Andras Czirok (Univ. of Kansas Medical Center)

*AAA will be accepting abstracts for oral presentation within this session. Please see AAA topic categories starting on pages 40-41.
PRESIDENT’S SYMPOSIUM SERIES
PHYSIOLOGICAL MECHANISMS
RESPONSIVE TO BEHAVIORAL AND
ENVIRONMENTAL CHALLENGES
Organized by: Patricia E. Molina, LSU Health Sciences Center,
New Orleans

LECTURE
Nobel Prize Lecture
Roger Tsien

SYMPOSIA
Physiological Processes Underlying Organ Injury in Alcohol
Abuse
Gary Murray

Dietary Influences on Physiological Control Mechanisms –
How Much, When and What
Joshua Anthony

Physiological Adaptation to Behavioral, Environmental, and
Chronological Stress
Gary Sieck

APS DISTINGUISHED LECTURES
Henry Pickering Bowditch Award Lecture
Sean Stocker

Physiology in Perspective: The Walter B. Cannon Memorial
Award Lecture
Amira Klip

Robert M. Berne Distinguished Lectureship of the APS
Cardiovascular Section
Stephanie Watts

Hugh Davson Distinguished Lectureship of the APS Cell and
Molecular Physiology Section
Paul Insel

Joseph Erlanger Distinguished Lectureship of the APS Central
Nervous System Section
Quentin Pittman

August Krogh Distinguished Lectureship of the APS
Comparative and Evolutionary Physiology Society
Jon F. Harrison

Solomon A. Berson Distinguished Lecture of the APS
Endocrinology and Metabolism Section
Gerald Shulman

Edward F. Adolph Distinguished Lectureship of the APS
Environmental and Exercise Physiology Section
Scott Powers

Horace W. Davenport Distinguished Lectureship of the APS
Gastrointestinal and Liver Physiology Section
Bishr Omary

Carl Ludwig Distinguished Lectureship of the APS Neural
Control and Autonomic Regulation Section
Benedito H. Machado

Carl Gottschalk Distintuished Lectureship of the APS
Renal Section
David Ellison

Julius H. Comroe, Jr. Distinguished Lectureship of the APS
Respiration Section
Gary Sieck

Claude Bernard Distinguished Lectureship of the APS
Teaching of Physiology Section
Barbara Goodman

Ernest H. Starling Distinguished Lectureship of the APS
Water and Electrolyte Homeostasis Section
TBD
TECHNIQUES AND TECHNOLOGY WORKSHOPS

Novel Methods to Perturb Genes for Physiological Examination
Bradley T. Andresen and Bina Joe

Advanced Techniques for the Study of Physiology
Grant Kolar and Gina Yosten

INTEGRATIVE PHYSIOLOGY SYMPOSIUM SERIES

Mechanobiology of Fibrosis across Organ Systems
Daniel Tschumperlin

Role of Epithelium in Innate Defence: More than a Barrier
James P. Garnett

Early Life Stress and Sex-Specific Manifestations of Cardio-Respiratory Dysfunction: Insight from Microglial Cells
Cecile Baldy and John H. Dasinger

Reprogrammed Cells as Models for Disease
William Chilian and Hanrui Zhang

ANIMAL CARE AND EXPERIMENTATION COMMITTEE

SYMPOSIUM
Having Trouble with Your IACUC?
Jeff Henegar

CARDIOVASCULAR SECTION

SYMPOSIA
Redox Mediated Endothelial Responses: Showcasing Nox2 Enzymes in Pathophysiology
Shampa Chatterjee and Venkatesh Sampath

Shear Stress-Induced Mechanotransduction in Endothelial Cells: Implications for Vascular Health and Adaptations to Physical Activity
Ylva Hellsten and Stuart Egginton

New Insights into the Role of Autophagy in Cardiac Disease
Kimberly Mellor and Steven Jones

Thyroid Hormone Modulation of Cardiac Function and Remodeling: Bench to Bedside
Michael Portman and Martin Gerdes

Microbiome in Cardiopulmonary Diseases: From Association to Causation
Vinayak Shenoy and Jennifer Pluznick

Physiological and Pathological Aspects of Hypertrophic Cardiomyopathy
Susan Steinberg and Sakthivel Sadayappan

Novel Insights in Vascular Disease in Metabolic Syndrome
David Weber and David Stepp

FEATURED TOPICS
Wiggers Award Featured Topic
Gerald A. Meininger

2016 Gabor Kaley Lecture Featured Topic
Sussan Nourshargh

Metabolic Regulation of Cardiac Function in Diabetes: Epigenetics and Posttranslational Mechanisms
Adam Wende and John Chatham

Cooperation between Adaptive and Innate Immunity Post-Myocardial Infarction
Kristine DeLeon-Pennell and Lisandra de Castro Bras

Endothelial Dysfunction in Diabetes
Betsy Dokken and Cindy Meininger

Cardiopulmonary Effects of Environmental Stressors
Loren Wold

Sex Disparities in Cardiovascular Function and Remodeling
Stella Goulopoulou

Cerebrovascular Dysfunction and Reactive Nitrogen Species
Prasad Katakam and Jennifer Pollock

New Approaches for Induction of Arteriogenesis
Petra Rocic

CAREERS IN PHYSIOLOGY COMMITTEE

SYMPOSIUM
Leadership and Management Skills: What You Might Not See in Your CV
Christine Schnackenberg and Clintoria Richards-Williams
CELL AND MOLECULAR PHYSIOLOGY SECTION

SYMPOSIA
Recent Advances in the Structure and Function of Epithelial Tight Junctions
R.K. Rao and Stefania Vetrano

Orai/STIM1 Physiology and Pathophysiology
Shmuel Muallem and Eric Delpire

Ion, Water, and Gas Movements through the Brain in Health and Disease: Putting It All Together
Martha O’Donnell and Jeffrey J. Iliff

FEATURED TOPICS
Cell Signaling: Proteins, Pathways, and Mechanisms
Mrinalini C. Rao and Ely Rodrigues

Ion Channels and Transporters in Health and Disease
Dmitri V. Kravtsov and Tiffrany L. Thai

Microbiota or Nutrition and Host Cell Signaling
Roger Worrell and Michael B. Butterworth

CENTRAL NERVOUS SYSTEM SECTION

SYMPOSIA
The Spinal Control of Motor Output: From Neural Circuits to Mechanics
Nicole Nichols and Alain Frigon

Building Neural Circuits: Wiring and Experience
Stephen D. Van Hooser and Jianhua Cang

Featured Topics
Novel Mechanisms at the Level of the Solitary Tract Nucleus (NTS)
Stuart McDougall

Breathing Disturbances in Neurological Disorders
Thiago S. Moreira

COMMUNICATIONS COMMITTEE

SYMPOSIUM
Setting the Record Straight for Science: How to Write to Local and National News Outlets
Barbara Goodman

COMPARATIVE AND EVOLUTIONARY PHYSIOLOGY SECTION

SYMPOSIA
Comparative Physiology of Skeletal Muscle – Novel Studies in Plasticity and Structure
Bryan Rourke and Angela Horner

Context Dependence of Cardiorespiratory Physiology: Temperature Effects, Circadian Cycles, and System Interdependence
Joseph Santin and Lynn Hartzler

FEATURED TOPICS
Comparative and Evolutionary Physiology Trainee Driven Featured Topic
Daniel Warren and Catherine M. Ivy

Avian Osmoregulation: Unique Solutions, Unanswered Questions
Karen Sweazea and Daivd Goldstein

ENDOCRINOLOGY AND METABOLISM SECTION

SYMPOSIA
Role of Oxytocin in the Control of Energy Homeostasis
James Blevins

The Control of Skeletal Muscle Atrophy in Responses to Disuse: Clinical/Pre-clinical Contentions and Fallacies of Evidence
Philip J. Atherton and Charles Lang

New Insights into Exercise and Insulin Sensitivity
Erik Richter and Glenn McConell

FEATURED TOPICS
Hormones and Reproduction
Willis K. Samson

Metabolic Consequences of Exercise
Jennifer Steiner and Gina Yosten
ENVIRONMENTAL AND EXERCISE PHYSIOLOGY SECTION

SYMPOSIA
Modulatory Influence of Exercise on Physiological Function with Aging
Douglas R. Seals and Frank Booth

Mechanisms of Neuromuscular Junction Destabilization and Fragmentation in Aging Skeletal Muscle
Malcolm Jackson and Russell Hepple

Emerging Mechanisms of Thermoregulation and Metabolic Control
Thomas L. Clanton and Muthu Periasamy

Exercise and Cancer: From Cardiovascular Outcomes to the Tumor Microenvironment
Christopher Behnke and Lee Jones

FEATURED TOPICS
What Do Both Mitochondrial Protein Turnover and Mitochondrial Function Tell Us about Exercise and Aging?
Benjamin F. Miller

Hot, Cold, and Old: Aging and the Physiology of Thermal Stress
Zachary Schlader and Daniel Gagnon

Recovery from Exercise and Translating Post-Exercise Hypotension
Tracy Baynard

Mechanisms Regulating Skeletal Muscle Mass
Sue C. Bodine

EPITHELIAL TRANSPORT GROUP

SYMPOSIUM
Compartmentalization of Signal Transduction in Epithelial Cell Biology
Robert A. Fenton and Timo Rieg

FEATURED TOPICS
Epithelial Physiology and Transport I (Ussing Lecture)
Jennifer Bomberger and Neil Bradbury

Epithelial Physiology and Transport II (Hebert Lecture)
Kirk Hamilton and My N. Helms

GASTROINTESTINAL AND LIVER PHYSIOLOGY SECTION

SYMPOSIA
Neuro-immune Crosstalk in the Gut
Brian D. Gulbransen and Alan E. Lomax

Mechanisms Underlying Host-Microbial Interactions in Pathophysiology of Diseases, Using Gut Organoids and Animal Models
Pradeep K. Dudeja and Jun Sun

FEATURED TOPICS
Innate Immune Functions of Epithelial Cells
Mark Frey

Chronic Liver Diseases Modulated by Transcriptional and Translational Mechanisms
Li Wang

HISTORY OF PHYSIOLOGY GROUP

SYMPOSIUM
A Broad History of Temperature Regulation
Lisa Leon and Scott Kirkton

HYPOXIA GROUP

SYMPOSIUM
Transcriptional and Epigenetic Regulation of Cardio-respiratory Homeostasis under Hypoxia
Gregg L. Semenza and Jan-Marino Ramirez

FEATURED TOPIC
Chemical Control of Autonomic Function in Health and Disease
Hubert V. Forster

MUSCLE BIOLOGY GROUP

SYMPOSIUM
Gene Regulation in Skeletal Muscle
Gustavo A. Nader

FEATURED TOPICS
Skeletal Muscle Peroxisomal-Mitochondrial Interactions in Health and Disease
Ronald N. Corthright and Robert C. Noland

Muscle Dysfunction in Diabetes: Cause(s) or Effect(s)?
Joseph Brozinick
NEURAL CONTROL AND AUTONOMIC REGULATION SECTION

SYMPOSIA
Bridging the Gap between Pre-clinical and Clinical Evidence:Treating Cardiovascular Diseases with Autonomic Modulation Therapies
Stephen Ruble and Kenji Sunagawa

The Brain-Gut Axis: Microbiome in Neural and Metabolic Diseases
Janeska Zubcevic and Mohan K. Raizada

FEATURED TOPICS
NCAR Young Investigator Awards
Rohit Ramchandra and Jacqueline K. Limberg

The Mind Matters: Psychology as an Overlooked Variable in Autonomic Physiology
Erica Wehrwein and Jason Carter

Neural Control of Inflammation-Mediated Hypertension
Eric Lazartiques

Vagal-Respiratory Coupling and its Implications in Health and Disease
Mathias Dutschmann

Actions and Interactions of Baroreflexes, Chemoreflexes and Metaboreflexes in Autonomic Regulation and Heart Disease
Markus Amann and Paul Fadel

AWARD SESSION
Data NCARnation

PHYSIOLOGICAL GENOMICS GROUP

SYMPOSIUM
Omics Applications to Understand Metabolic Physiology
Mark Olfert and Sean Adams

FEATURED TOPIC
Environmental Regulators on Microbiome-Mediated Immunity and Inflammation: Genetic and Epigenetic Implications
Claycombe and Meydani

PHYSIOLOGISTS IN INDUSTRY GROUP

SYMPOSIUM
Metabolic Syndrome and the Pathway of Drug Development: From Bench to Bedside
Matthew R. Zahner and Denise C. Cornelius

PUBLICATIONS COMMITTEE

SYMPOSIUM
Publishing 101: How to Get Your Work Published and Avoid Ethical Minefields
Curt D. Sigmund and Rita Scheman

RENALE SECTION

SYMPOSIA
Renal Potassium Sensing Mechanisms: A New Paradigm for Potassium Secretion
David Ellison and Arohan Subramanya

Still Unraveling the Mysteries of the Kidney with Isolated Tubules After all these Years
Jeff M. Sands and Heddwen Brooks

Novel Mechanisms of Gene Regulation in the Kidney
Michelle L. Gumz and Robert Hoover

FEATURED TOPICS
Advances in Renal Pathology and Disease

Renal Section Abstract-Driven Featured Topic 1
Renal Section Abstract-Driven Featured Topic 2

RESPIRATION SECTION

SYMPOSIA
Opioid-Induced Respiratory Depression: Sites/Mechanisms of Action and Potential Solutions
Hubert V. Forster and Justin Miller

Neurostimulation to Restore Breathing with Neuromuscular Disorders
Gordon S. Mitchell and Kristi Streeter

Macrophages: A Double-Edged Sword in Inflammatory Tissue Injury
Dolly Mehta and Franco R. D’Alessio

Microtubules in Lung Disease and Recovery
Anna Birukova and Troy Stevens
FEATURED TOPICS
Intermittent Hypoxia: Respiratory and Cardiovascular Control and Beyond
Irene C. Solomon and Daryl Fields

Redundancy and Plasticity in Respiratory Control
Ryan Bavis and Nicole Nichols

Environmental Exposures, Oxidative Stress, and Lung Disease
Christopher Waters

Inflammation and Its Influence on Lung Function and Respiratory Control
Sean M. Wilson and Christopher G. Wilson

TEACHING OF PHYSIOLOGY SECTION

SYMPOSIA
Standing on the Edge: Transformational Teaching and Learning Beyond the Classroom Walls
Ann R. Crecelius and Jessica C. Taylor

Scientific Foundation for Clinical Practice: More Than a Pile of Facts
M. Lourdes Alarcón Fortepiani

FEATURED TOPIC
Innovations in Teaching Physiology
Lynelle Golden

TRAINEE ADVISORY COMMITTEE

SYMPOSIUM
Now Hiring PhDs: Postdoc Not Required
Angelina Marie Hernandez-Carretero and Brendan Dougherty

FEATURED TOPIC
Sex Differences in Health and Disease
Daria Ilatovskaya and Christopher Banek

TRANSLATIONAL PHYSIOLOGY INTEREST GROUP

SYMPOSIUM
Novel Molecular Targets and Therapeutic Approaches in Myocardial Infarction and Heart Failure
Walter Koch and Tom E. Sharp

FEATURED TOPIC
Translational Physiology Showcase: Focus on the Effects of Alcohol Abuse, Behavior, Diet, Nutrition, and Extreme Environmental Conditions on Physiology
Colin N. Young and Benjamin T. Bikman

WATER AND ELECTROLYTE HOMEOSTASIS SECTION

LECTURE
WEH New Investigator Award Lecture

SYMPOSIUM
Hydration Physiology: From Cells to Systems and Clinical Health Outcomes
Lawrence Armstrong and Isabelle Guelinckx

FEATURED TOPICS
Cross-Talk between Salt and Other Factors in Hypertension
Ningjun Li

Neural and Hormonal Modulation of Fluid Balance and Ion Homeostasis in Health and Disease
Christopher Banek and Heinrich Lob

Hypertension: Developing Concepts
Paul O’Connor and Dao Ho

Origins of Adult Cardiovascular and Metabolic Disease
Analia Loria and Ellen Gillis

AWARD SESSION
WEH Trainee Award Finalists and Data Diuresis

WOMEN IN PHYSIOLOGY COMMITTEE

SYMPOSIUM
Negotiating for Success!
Karen Mathis and M. Lourdes Alarcón Fortepiani

AMERICAN FEDERATION FOR MEDICAL RESEARCH

SYMPOSIUM
Natural Products – Biological Effects and Therapeutic Potential in Human Disease
Sharma Prabhakar and Dayong Wu

Emerging New Mechanism in Alcoholic Liver Disease
Suthat Liangpunsakul
MICROCIRCULATORY SOCIETY
LECTURE
Microcirculatory Society Landis Award Lecture

SYMPOSIA
Microcirculation: President’s Symposium: Blood Cell – Microvessel Interactions
Rolando E. Rumbaut

Signal Integration and Microcirculatory Blood Flow Control: Making Parts Whole Using a Network Approach
Dwayne N. Jackson

Advances in Microvascular Permeability/Glycocalyx

ORAL SESSION
Highlights from the Journal of Microcirculation
Jefferson Frisbee

SPECIAL SESSION
Microcirculatory Society Reception and Poster Discussion

NATIONAL DIRECTORS OF GRADUATE STUDIES IN PHARMACOLOGY AND PHYSIOLOGY

SPECIAL SESSION
ORPHEUS – Developing Best Practices for Graduate Education in Europe
Joey Barnett

PAN-AMERICAN

SYMPOSIUM
Pan-American Symposium
Vagner R. Antunes

APS AND AMERICAN SOCIETY FOR HUMAN GENETICS JOINT SESSION

SYMPOSIUM
Beyond GWAS: Attaching Physiology to the Genome
Bina Joe and Joseph McInerney
### ASBMB 2016 PLENARY LECTURES

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<td>Xiaowei Zhuang</td>
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### ASBMB 2016 AWARD LECTURES

| Award                                           | Recipient                                      | Institution                                    |
|-------------------------------------------------|------------------------------------------------|
| Alice and C. C. Wang Award in Molecular Parasitology and Symposium | Michael A.J. Ferguson                         | University of Dundee                           |
| ASBMB Award for Exemplary Contributions to Education | Charles Brenner                                | University of Iowa, Carver College of Medicine |
| ASBMB/Merck Award                               | Ronald R. Breaker                              | Yale University, HHMI                           |
| ASBMB Young Investigator Award                  | Cole Haynes                                    | Memorial Sloan Kettering Cancer Center         |
| Avanti Award in Lipids                          | Robert V. Farese, Jr.                           | Harvard Medical School                         |
| Bert and Natalie Vallee Award in Biomedical Science | Aziz Sancar                                     | University of North Carolina, School of Medicine |
| DeLano Award for Computational Biosciences      | Todd O. Yeates                                 | University of California, Los Angeles          |
| Earl and Thressa Stadtman Scholar Award         | Luciano Marraffini, The Rockefeller University |                                                  |
|                                                  | Georgios Skiniotis, University of Michigan Life Sciences Institute and University of Michigan Medical School |                                                  |
| FASEB Excellence in Science Award               | Bonnie L. Bassler, Princeton University, HHMI  |                                                  |

### ASBMB 2016 AWARD LECTURES

- **Herbert A. Sober Lectureship**
  - Stephen G. Sligar, University of Illinois at Urbana-Champaign

- **Herbert Tabor Research Award**
  - Robert G. Roeder, The Rockefeller University

- **Mildred Cohn Award in Biological Chemistry**
  - Eva Nogales, University of California, Berkeley, HHMI

- **Ruth Kirschstein Diversity in Science Award**
  - Avery August, Cornell University College of Veterinary Medicine

- **Walter A. Shaw Young Investigator Award in Lipid Research**
  - Christer S. Ejding, University of Southern Denmark

- **William C. Rose Award**
  - Susan J. Baserga, Yale University School of Medicine
ASBMB THEMATIC PROGRAM

ASBMB 2016 Program Planning Committee Co-Chairs
Squire J. Booker*, Pennsylvania State University and
Wei Yang*, National Institutes of Health

Cell Signaling, Kinase, and Chemotherapy

SYMPOSIA

Allosteric Control of Kinase Activity
Dario Alessi, Daniel Leahy*, Frank Sicheri

Signaling in Time and Space
Inhee Chung, Robert Coffey, Alexander Sorkin

Targeted Therapies
Gary Johnson, William Kaelin, Shiva Malek

Tumor Suppressors/Tumor Drivers
Alexandra Newton, Sandy Simon, Susan Taylor*

Chemical Biology

SYMPOSIA

Welcome to the Post-Antibiotic Era
Erin Carlson*, Shahriar Mobashery, Gerry Wright

The Greening of Chemical Biology
Joseph Jez*, Sarah O’Connor, Natasha Raikhel

Chemical Communication, Biological Regulation
Jennifer Prescher, Scott Dixon, Michael Burkhart

Chemistry, Biology, and Sustainability
Don Bryant, Andreas Schirmer, Huimin Zhao

Chromatin Organization and Gene Regulation

SYMPOSIA

Nuclear Architecture and Chromatin Organization
Job Dekker, Ana Pombo, Bing Ren*

Transcriptional Regulatory Mechanisms
Joan W. Conaway*, Jean-Marc Egly, Jesper Q. Svejstrup

Chromatin Remodeling and Epigenetics
Blaine Bartholomew, Chaun He, Karolin Luguer

Non-coding RNA and Gene Regulation
Howard Chang, Christopher Glass, Amy Peschinelli

DNA Replication, Repair, and Recombination

SYMPOSIA

Replication: Alpha to Omega
Stephen P. Bell, James Berger*, Agnieszka Gambus

Control of DNA Recombination
Wolf-Dietrich Heter, Laura Landweber, Agnel Sfeir

Structural Insights into DNA Repair
Caroline Kisker, Marcin Nowotny, Phoebe A. Rice

Repair during DNA Replication
David Cortez, Anja Groth, Agata Smogorzewska*

CRISPR Workshop: Power and Challenges
Emmanuelle Charpentier, Jacob Corn, Marcin Nowotny, Jonathan Weissman

Enzymes and Catalysis

SYMPOSIA

Mechanistic Studies of Metalloenzymes
Jackie Barton, David Britt, Carsten Krebs*

Enzyme Dynamics and Enzyme Motions
Stephen Benkovic, Dorothee Kern, Patrick Loria

Structural Studies of Complex Systems
Catherine Drennan, Petra Fromme, Cheryl Tsai

Radicals in Catalysis
Vahe Bandarian*, Amie Boal, Kenichi Yokoyama

Glycoscience in Biology

SYMPOSIA

Regulation of Gene Expression by O-GlcNAc
Brian Lewis, Catherine Postic, Lance Wells*

Enzymology of Glycosyltransferases and Hydrolases
Gideon Davies, Tracey Gloster, Kelley Moremen

Chemical Biology Approaches to Understand Glycan-Related Diseases
Jennifer Kohler, Herman Overkleeft, David Vocadlo*

Bacterial Glycosylation and the Microbiome
Alisdair Boraston, Harry Gilbert, Christine Szymanski

(*) ASBMB Annual Meeting Program Planning Committee Member
Lipids and Lipid Signaling

SYMPOSIA

Membrane Contact Sites and Lipid Trafficking
Benoit Kornman, Anant Menon, Karin M. Reinisch

Lipid Signaling
Barbara Kahn, Sara Spiegel, Peter Totozon

Membrane Lipid Regulation
George Carman, Peter Espenshade, Lois S. Weisman

Lipids and Energy Metabolism
Sudda Biddinger, James Ntambi*, Tobias Walther*

Metabolism, Disease, and Drug Design

SYMPOSIA

Omic Approaches to Target Discovery
Edward Dennis, John Kozarich*, Kyu Rhee

Mechanistically-Informed Drug Design
Kenneth Keiler, Valerie Mizrahi, Rick Silverman

Natural Product Biosynthesis for New Drug Leads
Sean Brady, Richard Lee, Ron Quinn

Biochemically-Informed Imaging in Drug Discovery
Clifton Barry*, Kimberly Beatty, Veronique Dartois

Nonalcoholic Fatty Liver Disease (NAFLD)
sponsored by the ASBMB Minority Affairs Committee

SYMPOSIA

Hepatic Lipid Signaling: NAFLD and Beyond
Roger J. Davis, Anna Mae Diehl, David Moore*, Marion Sewer (chair)

NAFLD: Genetic Determinants & Extrahepatic Complications
Jacob E. Friedman, Helen Hobs, Gerald I. Shulman

NAFLD: Metabolic Insight into the Enzymatic Players
David E. Cohen, Jay D. Horton, Christopher Newgard

Beyond the Bench: Maximizing Graduate/Postdoctoral Training for Non-Research STEM Careers
Kenneth D. Gibbs, Rick McGee, David R. Wilson

Protein Synthesis and Degradation

SYMPOSIA

Regulation of Protein Synthesis by RNA
Christine Dunham*, Jeff Kieft, Hani Zaher

Building Molecular Machinery
Katrin Karbstein, Patrick Lusk, Soyeon Park

New Frontiers in Protein Quality Control
Pedro Carvalho, Onn Brandman, Yihong Ye*

Protein Degradation in Health and Disease
Brenda Schulman, Jon Huibregste, Qing Zhong

(*) ASBMB Annual Meeting Program Planning Committee Member

NEW ASBMB PROGRAM!

Straight from the Bench, Graduate/Postdoc organized sessions

Tuesday evening, April 5, 2016

Straight from the Bench session proposals were submitted by ASBMB graduate student and postdoctoral fellow members, interested in organizing sessions on exciting and emerging areas not otherwise covered in this year’s program. Short talks will be selected from volunteered abstracts, submitted by student and Postdoc first authors, to ASBMB topic categories #2000-2110.

Post-translational Modifications and the Microorganism Response
Organizers: Andrea Hadjikyriacou and Alexander Nikolich Patananan, UCLA
Invited Speakers:
Laurie K. Read, University of Buffalo, School of Medicine
Feng Shao, National Institute of Biological Sciences, Beijing

Recent Advances in Protein Engineering
Organizers: Michael White and Danielle Schmitt, UMBC
Invited Speakers:
Donald Hilvert, ETH Zurich
Corey J. Wilson, Yale University

A networking reception will follow these sessions for continued scientific discussion. All ASBMB members and biochemistry attendees are encouraged to attend. Hear great science, enjoy refreshments and support your colleagues, mentees, peers and friends. Visit: www.asbmb.org/meeting2016.
Systems Biology and Proteomics

SYMPOSIA
Proteomics/Systems Biology for Human Health and Medicine
Jennifer Van Eyk, Anne-Claude Gingras, Bernhard Kuster

Systems Biology of Cellular Networks
Trey Ideker, Olivier Lichtarge, Andrej Sali

Integrative Proteomics of Protein Complexes
Brian T. Chait, Lan Huang*, John Yates

Molecular Crosstalks of Multiple Consortia
Janet Jansson, Andrei Osterman*, João Xavier

Biochemistry Education: Diverse Tools, Diverse Approaches and Diverse Careers
sponsored by the ASBMB Education and Professional Development Committee

SYMPOSIA
Advancing Teaching and Learning in the Biochemistry/Molecular Biology Classroom
Jennifer Loertscher, Johan Paulsson

Biochemistry and Today's Pre-Medical Student
Marc Kroopnick, Steve Lieberman, Saundra Herndon Oyewole

Integrating Complementary Skills into Graduate and Postdoctoral Training
Margaret A. Carroll*, Patricia Labosky, Yvette R. Seger

Molecular Visualization is Your Friend
Timothy Herman, Eran Hodis, Celeste Peterson*

Translational Scientist: Integrating Science and Medicine
presented by The Society for Experimental Biology and Medicine
H. Rex Gaskins, Michael J. Friedlander, Michael Wood, Warren E. Zimmer

ASBMB Public Engagement
Science Outreach Communication Workshop: Storytelling

Science Outreach and Student Activity Posters will be accepted for poster presentation during the ASBMB Opening Reception. Visit asbmb.org/meeting2016/ to submit an abstract.

Incentivizing Great Research

SPECIAL EVENTS
- ASBMB 20th Annual Undergraduate Student Research Poster Competition
- ASBMB Annual Meeting Undergraduate Orientation
- ASBMB Business Meeting
- ASBMB Career Development Workshop for Undergraduates
- ASBMB Opening Lecture and Reception featuring Science Outreach and Student Chapter Activity Posters
- ASBMB Welcome and Networking Reception sponsored by the ASBMB Minority Affairs Committee
- ASBMB Women Scientists Panel and Networking Reception

Event information available at www.asbmb.org/meeting2016

(*) ASBMB Annual Meeting Program Planning Committee Member
CALLING ALL STUDENTS AND POSTDOCS!

ASBMB has your interests and professional development needs in mind. We offer exceptional programming that will convince your PI you have to be at this meeting.

▶ Travel awards: ASBMB offers generous funding
▶ Best Thematic Poster awards: cash prizes available
▶ Oral presentations: ASBMB programmed 50 graduate/postdoc talks at EB 2015
▶ Networking activities to help build your professional sphere of influence
▶ Meet potential employers in the session rooms, at the posters, or even in a pub
▶ Professional development sessions and workshops include:
  • Careers in Industry
  • Pathways to Your Own Lab
  • Science Communication – Storytelling
  • Straight from the Bench – New graduate and postdoc led sessions
  • Wikipedia Edit-A-Thon

www.asbmb.org/meeting2016
LECTURES

ASIP Cotran Early Career Investigator Award Lecture: Respiration and Vision: How Metabolism Regulates Retinal Function: Implications for Prevention of Disease
Awardee: MAGALI SAINT-GENIEZ, PhD

ASIP Outstanding Investigator Award Lecture: Making Progress against Pancreatic Cancer – Where the Rubber Hits the Road
Awardee: ANIRBAN MAITRA, MBBS

ASIP Rous-Whipple Award Lecture: The Microscope as a Tool for Disease Discovery: A Voyage through the Eyes of a Hematopathologist
Awardee: ELAINE JAFFE, MD

ASIP Young Scientist Leadership Award Lecture: Approaching Amyotrophic Lateral Sclerosis from Cellular, System and Technological Angles
Awardee: CHRISTI KOLARCIK, PhD

ASMB Lecture: The Matricellular Protein Thrombospondin 1 in the Myeloma Microenvironment
Speaker: Joanne E. Murphy-Ullrich
Sponsored by ASIP and the American Society for Matrix Biology

The Journal of Histochemistry & Cytochemistry Lecture: TBD
Sponsored by The Histochemical Society

SYMPOSIA

ACVP Symposium: Illuminating Pathobiology: Imaging Across Scale
Chairs: Ruth Sullivan, Stacey Fossey and Robert Johnson
Sponsored by the ASIP Veterinary and Comparative Pathology Scientific Interest Group and the American College of Veterinary Pathologists

American Society for Investigative Pathology (ASIP) 2016 Annual Meeting with The Histochemical Society
Deciphering Disease Mechanisms and the Prevention and Treatment of Disease

ASIP Presidential Symposium: Molecular Pathogenesis of Triple-Negative Breast Cancer: Implications for Prevention and Therapy
Chair: William B. Coleman

Autophagy: Basic Mechanisms and Pathophysiology
Chairs: Wen-Xing Ding and Mark J. Czaja

Blood Vessel Club™: Angiogenesis in Organ Development and Function
Chairs: Diane Bielenberg and Karen Moulton

Emerging Strategies to Resolve Inflammation
Chairs: Charles N. Serhan and Karsten Gronert

HCS Symposium: The 3D Brain: From Diffusion MRI to Ultrastructure
Chair: Douglas Rosene
Sponsored by the ASIP Immunohistochemistry & Microscopy Scientific Interest Group and The Histochemical Society

Host Pathogen Interactions
Chairs: Danny A. Milner, Jr. and Asma Nusrat

Liver Pathobiology Symposium: Liver Progenitors in Health and Disease
Chairs: Kari Nejak-Bowen and Holger Willenbring
Sponsored by the ASIP Liver Pathobiology Scientific Interest Group

Molecular and Cellular Basis of Disease: From Cancer Prevention to Metastasis: Understanding Biology to Prevent and Combat Metastasis
Chairs: Piyali Dasgupta and Mary J.C. Hendrix
Sponsored by the ASIP Tumor Microenvironment & Metastasis Scientific Interest Group

Molecular and Cellular Basis of Disease: From Cancer Prevention to Metastasis: The Biology and Therapy of Breast Cancer Metastasis
Chairs: Brunhilde Felding and William B. Coleman
Sponsored by the ASIP Breast Cancer Scientific Interest Group

Please visit our website www.asip.org/meetings/2016/index.cfm for program updates.
Molecular Foundations of Glial Oncogenesis: Hints for Prevention and Therapy
Chairs: Warren Tourtellotte and Elizabeth Whitley

SCVP Symposium: Cytokine Signaling in the Heart
Chairs: James R. Stone and Jonathan Homeister
Sponsored by ASIP and the Society for Cardiovascular Pathology

SIPMeT Symposium: Sex Steroid Hormones Action in Metabolism, Differentiation, and Damage Response
Chairs: Antimo Migliaccio and Arlin Rogers
Sponsored by ASIP and the Società Italiana di Patologia e Medicina Traslazionale /Italian Society of Pathology and Translational Medicine

Society of Toxicologic Pathology Symposium: Aquatic Toxicology and Lessons for Prevention of Disease
Chair: Elizabeth Galbreath
Sponsored by the ASIP Environmental and Toxicologic Scientific Interest Group and the Society of Toxicologic Pathology

Chairs: Kevin Gardner and Clayton Yates
Supported by an unrestricted educational grant from The Robert E. Stowell Endowment Fund

Structure and Regulation of Intercellular Junctions: Quest for New Molecules and Mechanisms
Chairs: Andrei Ivanov and Asma Nusrat

WORKSHOPS/SPECIAL SESSIONS

XVIth Annual ASIP/AAA Career Development and Mentoring Program and Lunch: How to Network Efficiently and Choose a Career Path
Chairs: Diane Bielenberg and Jacqueline Jones-Triche
Sponsored by the ASIP Committee for Career Development & Diversity

XVIth Annual Workshop on Graduate Education in Pathology: Integrating Clinical and Anatomic Pathology
Sponsored by the ASIP Education Committee

ASIP Awards Reception
Open to ALL EB 2016 Attendees

ASIP Membership Business Meeting & Awards Presentation
Chair: William B. Coleman

ASIP Trainee and Student Welcome Reception
Sponsored by the ASIP Committee for Career Development & Diversity

Cell Injury Workshop: Proteotoxicity and Cell Injury
Chairs: Monte S. Willis and Cecelia Yates
Sponsored by the ASIP Cell Injury Scientific Interest Group

Committee for Career Development & Diversity Workshop: Career-Choice Opportunities in Science
Chairs: Christi Kolarcik and Joseph Arboleda-Velasquez
Sponsored by the ASIP Committee for Career Development & Diversity

Course: Pathobiology for Basic Scientists: Metabolism Run Amok: Understanding Biochemical Pathways and Their Pathologic Consequences in Cancer and Systems Biology
Chairs: Wendy Mars and Richard N. Mitchell
Sponsored by the ASIP Education Committee

Scientific Sleuthing of Human Disease for High School Teachers and Undergraduate Students
Chairs: Kari Nejak-Bowen and Martha B. Furie
Sponsored by the ASIP Education Committee

Highlights: Graduate Student Research in Pathology
Chair: Chad Walesky and Titus A. Reaves
Sponsored by the ASIP Committee for Career Development & Diversity

Liver Pathobiology Workshop: Liver Injury, Inflammation, and Tumorigenesis: Implications in Cancer Prevention and Treatment
Chairs: Satdarshan Paul S. Monga and Xin Chen
Sponsored by the ASIP Liver Pathobiology Scientific Interest Group

Lunch and Learn: Science, Statistics, and Getting it Right: Interactive Discussion of Common Problems
Chair: Danny A. Milner, Jr.
Sponsored by the ASIP Education Committee

Scientific Interest Group Networking Sessions and Poster Discussions
This session is open to all. All of the ASIP Scientific Interest Group Poster Sessions will be held at the same time in the same location. Select posters from each Scientific Interest Group will be on display for informal discussions.

- Biobanking
- Breast Cancer
- Club Hepatomania™ (Liver Pathobiology)
- Der Schadenklub (Cell Injury)
- Digital and Computational Pathology
- Environmental and Toxicologic Pathology
- Gene Expression
- Immunohistochemistry and Microscopy
- Inflammation/Immunopathology
- Molecular Diagnostic Pathology
- Neuropathology
- Regenerative Medicine and Stem Cells
- Vascular and Mucosal Pathobiology
- Veterinary and Comparative Pathobiology

Workshop: Long Noncoding RNA
Chairs: Thomas Giordano and Anindya Dutta
Please visit our website scientificsessions.nutrition.org for program updates.

American Society for Nutrition 2016 Scientific Sessions & Annual Meeting

Transforming the future through science

Join the American Society for Nutrition (ASN) for its 80th annual meeting during the 2016 Scientific Sessions and Annual Meeting at Experimental Biology. ASN is a non-profit multidisciplinary organization devoted to advancing nutrition research to improve public health. The Scientific Sessions and Annual Meeting convenes scientists and clinicians from around the world to analyze and share timely and significant advances in nutrition-related basic science and clinical, translational and public health research. Attendees choose from over 2,000 original presentations which include:

- Scientific and educational sessions;
- Oral and poster presentations; and
- Special lectures and addresses delivered by some of the most recognized names in the field of nutrition.

Program Highlights

Scientific Symposia Including:

The Presidential Symposium: Systems Approaches in Nutrition
Chair: Patrick J. Stover, President, American Society for Nutrition

Big Data and Other Innovative Approaches to Understanding Dietary Patterns and Health
Chair: Barbara O. Schneeman and Brent D. Flickinger

Nutrition, microRNAs and Human Health
Chair: Janos Zempleni and Sharon A. Ross

Flesh Foods for Health: Controversies on Dietary Guidance for Red Meats
Chair: Wayne W. Campbell and Alice H. Lichtenstein

Obesity, Iron Metabolism Dysfunction and Chronic Disease
Chair: Lisa Tussing-Humphreys and Nana Gletsu-Miller

Postprandial Inflammation: Endotoxin or Free Fatty Acids?
Chair: Daniel H. Hwang and Kevin L. Fritsche

Omics Applications in Metabolic Physiology
Chair: Sean H. Adams and Mark Olfert

Regulation of Health and Disease by Sulfur Amino Acid Metabolism
Chair: Tracy G. Anthony and Joshua W. Miller

Biology of Linear Growth: A Guide for Reducing Childhood Stunting
Chair: Keith West, Jr., and Klaus Kraemer

Food Systems for Public Health: Assessment, Impact and Implications of Meeting Fruit and Vegetable Consumption Recommendations on Environmental, Economic and Agricultural Sustainability
Chair: John W. Finley and Jonathan Mein

Program Effectiveness for Addressing Undernutrition during the First 1000 Days
Chair: Megan L. Deitchler and Zeina Maalouf-Manasseh

Education Track Sessions Including:

Amid Controversy and Caveats: The Future of the Postdoc
Chair: Lindsey P. Smith and Yvette Segar

Transdisciplinary Training in Childhood Obesity Prevention: Approaches, Successes and Challenges
Chair: Sharon M. Donovan and Gordon L. Jensen

New!!
ASN on Demand

Access nutrition science at your convenience after the Annual Meeting & Scientific Sessions. Slide-synced digital recordings on ASN’s new dedicated online portal will be available at an advance discounted rate to all registrants.

Partnership and Sponsorship Opportunities

From conducting sponsored satellite programs to sponsoring session breaks, there are numerous opportunities for involvement in ASN’s Scientific Sessions and Annual Meeting. Learn more at scientificsessions.nutrition.org.

Visit scientificsessions.nutrition.org for the latest program information.
Contact us: "Nutrition: The Science and Practice of Human Nutrition". Join in the Speed Mentoring Interest Group meet the unique needs of students and young investigators in nutrition science. Join in the Speed Mentoring Interest Group meet the unique needs of students and young investigators in nutrition science.

Connect with Fellow Students and Young Professionals: ASN’s Student Interest Group and Young Professional Interest Group meet the unique needs of students and young investigators in nutrition science. Join in the Speed Mentoring and other popular networking activities.

University Mixer and Membership Reception: The highly attended and anticipated networking event kicks off the start of ASN’s Scientific Sessions.

Department Heads Breakfast and other networking activities for faculty members

Other Special Events
- Awards Ceremony
- Meet the ASN Journal Editors
- Fellows, 50-Year Members and Past Presidents Luncheon
- First-Time Attendee and New Member Orientation
- Volunteer Leadership Forum
- ASN Annual Business Meeting

Oral and Poster Presentations
Abstracts selected for oral and poster presentation feature the latest advancements, emerging research and new innovative methods. More than 60 oral abstract sessions and daily poster sessions will be featured. Abstract categories are focused on the following content areas. For a complete list of abstract categories, see pages 55-57.

Aging and Chronic Disease Nutrition
Community and Public Health Nutrition
Carotenoids and Retinoids Diet and Cancer
Dietary Bioactive Components Energy and Macronutrient Metabolism
Experimental Animal Nutrition Maternal, Perinatal and Pediatric Nutrition (formerly Lactation)
Global Nutrition Medical Nutrition

Attention Students and Young Professionals
Each year, ASN awards more than $90,000 in awards and travel grants to students and young professionals. To be considered, submit your research to one of more than 90 abstract categories related to nutrition, obesity, metabolism, public health, education and much more! See pages 55-57 for a full list of abstract categories.

Clinical Emerging Leaders Award Competition
For graduate students or medical trainees submitting research in clinical nutrition. Organized by the Medical Nutrition Council

Graduate Student Research Award Competition
Tasks graduate students to hone their research presentation skills. Organized by the Nutritional Sciences Council

Global Nutrition Student Poster Award Competition
For graduate students submitting research on global nutrition topics. Organized by the Global Nutrition Council and Sponsored by Kellogg Company

Emerging Leaders in Nutrition Science Poster Competition
Recognizes the highest quality research presented by students and young investigators to ASN’s abstract categories.

Postdoctoral Research Award Competition
Challenges early-career scientists and clinicians in nutrition by providing a juried abstract review and special oral session in which they compete in presenting their research findings. Organized by the Young Professional Interest Group and endowed by DuPont Nutrition & Health

Young Minority Investigator Oral Competition
Honors young minority investigators in a special oral session in which finalists compete in presenting their research findings. Organized by the Minority and Diversity Affairs Committee and supported by DSM Nutritional Products

Nutrition Translation Award Competition for Early-Career Investigators
Provides an opportunity for early-career scientists and clinicians to demonstrate how their research can be translated to a defined audience to improve public health and/or health outcomes.

Some award competitions require an ASN membership to be considered. Students can become ASN members for only $35. To become an ASN member, visit [www.nutrition.org/join](http://www.nutrition.org/join)

www.experimentalbiology.org
LECTURES

John J. Abel Award in Pharmacology Lecture
Accepting nominations at www.aspet.org through 9/15/2015

Julius Axelrod Award in Pharmacology Lecture:
Therapies of Brain Diseases, Past, Present and Future
Keynote: Jean Rossier

Goodman and Gilman Award in Receptor
Pharmacology Lecture
Accepting nominations at www.aspet.org through 9/15/2015

Ray Fuller Lecture in the Neurosciences:
Sex Biased Stress Signaling
Keynote: Rita J. Valentino

Invited Lecture: RhoA in Focus: Pathways from GPCRs
of Disease
Keynote: Joan Heller Brown

Bernard B. Brodie Award in Drug Metabolism Lecture
Accepting nominations at www.aspet.org through 9/15/2015

P.B. Dews Lifetime Achievement Award for Research in
Behavioral Pharmacology Lecture
Accepting nominations at www.aspet.org through 9/15/2015

Paul M. Vanhoutte Distinguished Lectureship in Vascular
Pharmacology Lecture
Accepting nominations at www.aspet.org through 9/15/2015

SYMPOSIA


DIVISION FOR BEHAVIORAL PHARMACOLOGY
Beyond Traditional Assessments of Pain: Implications for
Drug Discovery of Novel Pain Therapeutics
Chairs: Carol A. Paronis and Harshini Neelakantan

Keep Calm and Target Peptides: Modulation of Stress-Related
Behaviors by Neuropeptide Systems
Chairs: Stewart Clark and Valentina Sabino

Nicotinic Agonist/Antagonist Drug Development: Implications
for Treatment of Neurodegenerative and Addictive Disorders
Chairs: Annette Fleckenstein and Maryka Quik

Quantitative Pharmacological Analysis of In Vivo Data and Its
Implications in CNS Drug Discovery
Chairs: Jun-Xu Li and Lisa Gerak

DIVISION FOR CARDIOVASCULAR PHARMACOLOGY
Invited Lecture: RhoA in Focus: Pathways from GPCRs to
Disease (Joan Heller Brown)

Symposium: GPCR and RhoA as Mediators of Disease
Co-sponsored with the Division for Molecular Pharmacology
Chairs: Rick Neubig and Shigeki Miyamoto

Novel Platelet Therapies: Attacking Them from the Inside
and Out
Chair: Marvin T. Nieman

Sex Differences in Cardiovascular and Renal Pharmacology
Chairs: Sarah H. Lindsey and Eman Gohar

Novel Targets for Treatment of Cardiometabolic Diseases
Chairs: Jun Ren and Sreejayan Nair

Cardiovascular Pharmacology Division Trainee Showcase
Must also submit an abstract to EB.
DIVISION FOR CANCER PHARMACOLOGY
Cancer Stem Cells as Pharmacological Targets
Chairs: J. Silvio Gutkind and Tannishtha Reya

Chronopharmacology in Cancer: Does Time Really Matter?
Chair: Shobhan Gaddameedhi

Translating MicroRNA Cancer Biology to Therapy
Chairs: Aiming Yu and Andreas G. Bader

DIVISION FOR DRUG DISCOVERY AND DEVELOPMENT
The Biology and Translational Potential of Hydrogen Sulfide: One Person’s Trash Is Another Person’s Treasure
Chairs: John L. Wallace and Andreas Papapetropoulos

Emerging Roles for the Ubiquitin-Proteasome System in Therapeutics
Chairs: Benita Sjogren and Henry L. Paulson

Current Trends in Antibody Drug Conjugates: From Discovery to the Clinic
Co-sponsored with the Division for Drug Metabolism
Chairs: Tim Esbenshade and Larry C. Wienkers

Role of Chemical Biology in Drug Design and Discovery
Chairs: John S. Lazo and Craig Beeson

DIVISION FOR DRUG METABOLISM
Current Trends in Antibody Drug Conjugates: From Discovery to the Clinic
Co-sponsored with the Division for Drug Discovery and Development
Chairs: Tim Esbenshade and Larry C. Wienkers

Dose Selection Using Physiologically Based Modeling
Chair: Jan Wahlstrom

Substrate Modulation of Organic Anion and Cation Transporters
Chairs: Bruno Hagenbuch and Jed Lampe

Drugs of Abuse and Antiretrovirals: Interactions and Toxicities
Chair: Santosh Kumar and Kelly Jordan-Sciutto

James Gillette Award and Platform Session
Applications accepted through 11/23/2015 at www.aspet.org. Must also submit an abstract to EB.

DIVISION FOR MOLECULAR PHARMACOLOGY
Invited Lecture: RhoA in Focus: Pathways from GPCRs to Disease (Joan Heller Brown)
Symposium: GPCR and RhoA as Mediators of Disease
Co-sponsored with the Division for Cardiovascular Pharmacology
Chairs: Rick Neubig and Shigeki Miyamoto

From Ligands to Signaling: Recent Advances in Adhesion GPCR Pharmacology and Biology
Chairs: Xianhua Piao and Randy A. Hall

Wnt Signaling: From Disease Mechanisms to Therapeutic Interventions
Chairs: Reinoud Gosens and W. Matthijs Blankesteijn

Intracellular GPCR and Lipid Signaling
Chairs: Adriano Marchese and Alan Smrcka

Division for Molecular Pharmacology Postdoctoral Scientist Award Finalists
Applications accepted through 11/23/2015 at www.aspet.org. Must also submit an abstract to EB.

DIVISION FOR NEUROPHARMACOLOGY
New Twists on Neurotransmitter Transport: Unraveling Novel Therapeutic Targets for Addiction and Psychiatric Disorders
Chairs: Lynnette C. Daws and Harald H. Sitte

Cannabinoid Signaling in Pain and Addiction: Translating Preclinical Basic Research to the Clinic
Chairs: Daniel Morgan and Josee Guindon

Central Mechanisms Contributing to Novel Antidepressant Efficacy
Chair: Dan Lodge

Division for Neuropharmacology Postdoctoral Scientist Award Finalists
Applications accepted through 11/23/2015 at www.aspet.org. Must also submit an abstract to EB.

DIVISION FOR PHARMACOLOGY EDUCATION
Meet the New POPS – They’ll Flip Your Teaching
Chairs: Mark A. Simmons and Robert Theobald

A Pharmacokinetics Primer: From Equations to Application
Chair: Reza Mehvar

Teaching Institute: Developing Mentees Using IDPs
Chair: Kelly Karpa

Securing NIH Intramural Fellowships to Enhance Your Pharmacology Training
Chairs: Janet Clark and Margarita Valencia

Applications accepted through 11/23/2015 at www.aspet.org. Must also submit an abstract to EB.
DIVISION FOR TRANSLATIONAL AND CLINICAL PHARMACOLOGY
Newly Recognized GPCRs in Health, Disease and as Therapeutic Targets
Chairs: Ross Corriden and Paul A. Insel

Drug Transporter Protein Quantification by LC-MS/MS for In Vitro to In Vivo Extrapolation (IVIVE) and Prediction of Interindividual Variability of Transporter-Mediated Drug Disposition
Chairs: Bhagwat Prasad and Yurong Lai

Pharmacometabolomics Enabling Tools for Systems Pharmacology and Precision Medicine
Chairs: Rima Kaddurah-Daouk and Richard Weinshilboum

Young Investigator Awards Platform Session
Applications accepted through 11/23/2015 at www.aspet.org. Must also submit an abstract to EB.

DIVISION FOR TOXICOLOGY
Patient-Specific Stem Cells as Models for Gene-Disease, Drug, and Environment Interactions
Chair: Jason Richardson

Advances in Toxicogenetics of Metals
Chairs: Jonghan Kim and Timothy Maher

Modulation of BSEP and MDR3 in Drug-Induced Liver Injury (DILI)
Chairs: Kan He and David Rodrigues

Fortuitous Protein Modification in Disease Pathogenesis and Treatment
Chair: Serrine Lau

ASPET Student-Postdoc Poster Competition
Sunday, April 3, 2016 * 6:30 p.m. – 8:30 p.m.
Cash prizes will be awarded to undergraduates, graduate students, and postdocs making the best poster presentations.

Only ASPET members are eligible! Join today at https://www.aspet.org/membership/apply/. Deep membership discounts available to all students and postdocs. Please apply at least two weeks prior to award deadline.

How It Works:
2. Go online to www.aspet.org/awards
3. Apply online with ASPET by November 23, 2015 to the Division in which the presented research falls.
4. Selected finalists will be asked to present their poster at the Student-Postdoc Poster Competition from 6:30 p.m. - 8:30 p.m. on Sunday, April 3.
5. Posters will be evaluated by judges from the Divisions.
6. Winners will be announced at Division events Sunday, Monday and Tuesday of the conference.

Submit an abstract to EB in an ASPET topic category by November 5th, and then apply for an ASPET travel award at www.aspet.org/awards by December 11. See website for eligibility details.

Undergraduates, graduate students and postdoctoral fellows are invited to apply for a Travel Award to help defray the costs of registration, travel and housing to attend the ASPET Annual Meeting at EB 2016.

Travel Awards are only open to ASPET members. Applying for membership is easy and affordable. Join today at https://www.aspet.org/membership/apply/.
ASPET SYMPOSIA

ASPET Presidential Symposium:
Precision Medicine in Anti-Cancer Pharmacology
Chairs: Kenneth Thummel and Susan Cole

Julius Axelrod Symposium:
New Vistas on Drug and Gene Therapies of Cognitive Deficits in Down Syndrome, Autism, Leucodystrophies and Alzheimer’s Disease
Chair: Jean Rossier

ASPET Journal Symposium:
Hear It from the Editors: Navigating the Course through Journal Submission and Publication
Chairs: Mary Vore and Edward Morgan

Ray Fuller Symposium:
Sex Differences in Biology: Challenges and Opportunities for Drug Development
Chair: Rita J. Valentino

Undergraduate Research: Cultivating the Next Generation of Researchers through SURF and Beyond
Chairs: Catherine Fry, Catherine Davis and Lauren Aleksunes

PRE / POST COLLOQUIA

Graduate Student – Postdoctoral Colloquium
Sponsored by the ASPET Mentoring and Career Development Committee
Saturday, April 2, 2016

Drug Discovery in Academia: Recent Successes and Emerging Opportunities
Sponsored by ASPET and the Academic Drug Discovery Consortium
Thursday, April 7, 2016

MEETING HIGHLIGHTS

- Presentation of Scientific Achievement Awards and travel awards
- Opening reception and celebration of award recipients
- Keynote lectures by award winners
- Student-Postdoc Poster Competition
- Student-Postdoc mixer
- Nightly division mixers
- Early morning networking walk
- Poolside closing reception
- New! ASPET members lounge
- The Shop ASPET store open in ASPET booth #1802
EB–SPONSORED SESSIONS

TEACHING POSTER SESSIONS

Recognizing that techniques and issues related to teaching and the use of computers in research and teaching cross all biomedical disciplines, EB 2016 will combine education posters from all participating societies into two special poster sessions. Although posters will be on display during exhibit hours Sunday through Tuesday, authors are required to be present at their posters during an assigned day and time for demonstration, which will be listed in the Program. Authors must prepare standard-sized posters in addition to their demonstrations.

Computers in Research & Teaching

Topic Category 8100-EB

Demonstrate collegial (not for sale) software for research and teaching purposes. A special area of the exhibit hall will have poster boards and provisions for both IBM PC compatible and Mac computers with Internet access. Authors are encouraged to bring laptops. For more information, please contact Dr. Jerry Collins at 2113 Timberwood Place, Nashville TN 37215; telephone 615-243-5535 (cell); email: jerry@bothcollinses.com.

Teaching, Learning and Testing in the Biological and Biomedical Sciences

Topic Category 8200-EB

This is for all teaching/education-related posters, regardless of discipline, that do not require a computer. Posters describing any aspect of teaching and learning in the biological and biomedical sciences should be submitted to this category. For presentations that involve a demonstration, authors are encouraged to bring the actual materials that they use for teaching. Tables and electrical outlets will be available at each poster board for demonstrations.

Tang Prize Lecture and Reception

Founded in December 2012 by Dr. Samuel Yin, the Tang Prize aims to bring more attention to the fields most crucial to the 21st Century. In support of the promotion of research and innovation in the field of biopharmaceutical science—one of the prize’s four categories—the Foundation has signed a memorandum of cooperation with Experimental Biology (EB) that coordinates the two organizations over the next ten years. As part of this cooperative effort the Tang Prize lecture will be presented this year at the EB 2016 meeting.

Date, Time and Location: TBD

ABSTRACT INFORMATION & USING THE TOPIC CATEGORIES

Abstract Deadline:

Thursday, November 5, 2015

Abstract Processing Fee: $65

Before you submit your abstract, please read the Rules and Guidelines for Abstract Submission at www.experimentalbiology.org

The topic that you select from the topic category list determines which society receives and programs your abstract. Therefore, it is important that you review the society topic categories on pages 40-59 or at www.experimentalbiology.org before submitting your abstract. Please follow the guidelines below.

Help us program your abstract correctly

Each society has its own list of topics. You may choose a topic from any society listing. Please begin by searching for all related topic categories at www.experimentalbiology.org.

Remember which society is programming your abstract

Your abstract will be received and programmed by the society that lists your topic choice.

► Each society uses a different programming method – your abstract may go to a program committee or to a session chair.

► Knowing which society is programming your abstract makes follow-up easier.

Indicate your preference for oral or poster presentation

► While the programming society makes the final decision about whether you will make an oral or poster presentation, it is important to indicate your preference on the submission form.

► For all societies, abstracts not selected for oral presentation will be programmed as posters. For APS, ASPET, and ASBMB all abstracts selected for oral presentation must also be presented as posters.

► Submitting to a minisymposium or featured topic is not necessarily an automatic request for oral presentation. You may request a poster presentation when submitting to a minisymposium or featured topic.

► AAA hybrid symposia and platform sessions (formerly called minisymposia) are only oral presentations. Abstracts not selected will be programmed as posters.
NOTIFICATION OF PROGRAMMING

The first author and the sponsor will be notified via email in late January/early February.

- Title, date, and time of session in which abstract has been programmed
- Format of presentation (oral, poster or both)
- Program number
- Presentation time

This information will not be available prior to that time! It will be emailed prior to the March 1, 2016 early registration deadline. Co-authors will not receive notification.

Poster Policy

- Presenters must mount their posters no later than 9:00 AM on their day of presentation.
- The Exhibit Hall opens at 7:00 AM to mount posters.
- Presenters are expected to be at their poster boards during the assigned session presentation time, as designated by each society.
- Posters must remain on display all day from 9:00 AM – 4:00 PM (except on Wednesday.)
- Posters that do not remain on display all day during their assigned day may, at the discretion of the programming society, be ineligible for awards.
- Recording (photographing, audio taping or videotaping) any presentation/session is PROHIBITED, except by an EB-authorized agent or by First Authors who want to photograph their poster presentation.

E-Posters

Following the EB 2016 meeting, all poster authors are invited to upload their poster to the EB website.

The e-posters will be accessible to all registered attendees for viewing after the conclusion of the meeting.

Instructions for uploading your poster will be sent with your confirmation in late January/early February.

Important Procedural Information

- The abstract fee is NOT your registration fee and NOT your society membership fee.
- In addition to submitting your abstract, you must register for the meeting.
- After submitting your abstract, you must submit a separate application if you wish to apply for any of the Society awards and follow the process required by the society.
- The complete Call for Abstracts and general information is available at www.experimentalbiology.org
- Read the Scientific Integrity Policy on page 39.
Scientific Integrity Policy for Submission of Abstracts to the Experimental Biology (EB) Meeting

The EB Scientific Integrity Policy for Submission of Abstracts is based on recommendations from the Uniform Requirements for Manuscripts Submitted to Biomedical Journals, the Council of Science Editors White Paper on Promoting Integrity in Scientific Journal Publications, and the US Department of Health and Human Services’ Office of Research Integrity.

EB sponsoring societies expect all authors to comply with generally accepted standards to avoid scientific misconduct. For more information, please see Scientific Misconduct at experimentalbiology.org/2016/AbstractSubmissions.aspx.

Abstract Peer Review

All abstracts submitted to EB for possible publication and presentation at the conference will undergo a review process by the sponsoring societies prior to publication in The FASEB Journal. (Please note: The FASEB Journal’s editors and editorial board play no role in the review of EB abstracts, and the review of EB abstracts is the responsibility of the sponsoring societies.) The goal of abstract review is to be inclusive of quality science without compromising scientific integrity. Each sponsoring society has developed a procedure for reviewing abstracts and has the general authority to reject an abstract as part of the review process. Both authors and reviewers are expected to take their roles seriously, as detailed below. For information about the abstract review process, please see Reviewer Conduct at experimentalbiology.org/2016/AbstractSubmissions.aspx.

Author Conduct

**General Authorship Guidelines.** Authorship is defined as 1) substantial contributions to conception and design, or acquisition of data, or analysis and interpretation of data; 2) drafting the abstract or revising it critically for important intellectual content; and 3) final approval of the version to be published. Authors should meet conditions 1, 2, and 3) Submission of an abstract to EB constitutes a commitment by the author(s) to scientifically defend their work in the format (poster, oral presentation, or both) assigned by the sponsoring society. Failure to do so, if not justified, may result in a notice of retraction in The FASEB Journal or may jeopardize future acceptance of abstracts.
Review the list of topics below to see which category fits best. Oral presentations will be selected from the submitted abstracts. Abstracts not selected for oral presentations, will be programmed as poster presentations. You may submit more than one abstract.

### Poster Topics

<table>
<thead>
<tr>
<th>ID</th>
<th>Category</th>
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<tbody>
<tr>
<td>7000-AAA</td>
<td>Anatomy</td>
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<td>Anatomy: Animal Models</td>
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<td>7010-AAA</td>
<td>Anatomy Education: Assessment, Curriculum &amp; Mentoring</td>
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<tr>
<td>7011-AAA</td>
<td>Anatomy Education: Clinical Based Approaches</td>
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<td>7012-AAA</td>
<td>Anatomy Education: Technology-Assisted Learning</td>
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<td>7013-AAA</td>
<td>Anatomy Education: Teaching Methods &amp; Innovations</td>
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<td>7015-AAA</td>
<td>Biological Anthropology</td>
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<td>Bones, Cartilage &amp; Teeth</td>
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<td>Bones, Cartilage &amp; Teeth: Anatomy &amp; Morphology</td>
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<td>Bones, Cartilage &amp; Teeth: Craniofacial</td>
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<td>Bones, Cartilage &amp; Teeth: Development</td>
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<td>7020-AAA</td>
<td>Bones, Cartilage &amp; Teeth: Evolution &amp; Anthropology</td>
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<td>7021-AAA</td>
<td>Bones, Cartilage &amp; Teeth: Exercise, Biomechanics; Bioengineering</td>
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<tr>
<td>7022-AAA</td>
<td>Bones, Cartilage &amp; Teeth: Molecular Mechanisms</td>
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<td>Cardiovascular Biology</td>
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<td>7024-AAA</td>
<td>Cardiovascular Biology: Aging &amp; Age-Related Disorders</td>
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<td>Cardiovascular Biology: Anatomy &amp; Morphology</td>
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<tr>
<td>7026-AAA</td>
<td>Cardiovascular Biology: Angiogenesis; Lymphangiogenesis; Vasculogenesis</td>
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<tr>
<td>7027-AAA</td>
<td>Cardiovascular Biology: Bioengineering, Repair &amp; Regeneration</td>
</tr>
<tr>
<td>7028-AAA</td>
<td>Cardiovascular Biology: Dysfunction; Disease; Genetic Disorders</td>
</tr>
</tbody>
</table>

### Additional Topics

- 7029-AAA Cardiovascular Biology: Development & Growth
- 7030-AAA Cardiovascular Biology: Imaging, Computer Modeling, 3D Reconstruction
- 7031-AAA Cardiovascular Biology: Sex & Gender Related Differences
- 7032-AAA Cardiovascular Biology: Stem Cells, Cell & Molecular Biology
- 7033-AAA Cell Biology
- 7034-AAA Cell Biology: Membranes & Cytoskeleton
- 7035-AAA Cell Biology: Signaling & Molecular Biology
- 7036-AAA Cell Biology: Organelles
- 7037-AAA Development & Growth
- 7038-AAA Development & Growth: Birth Defects
- 7039-AAA Development & Growth: Craniofacial
- 7040-AAA Development & Growth: Limbs
- 7041-AAA Development & Growth: Neural Crest & Placodes
- 7042-AAA Development & Growth: Patterning
- 7043-AAA Development & Growth: Reproduction
- 7044-AAA Development & Growth: Gene & Protein Expression
- 7045-AAA Development & Growth: Organogenesis
- 7046-AAA Evolution & Comparative Anatomy

- 7047-AAA Form, Function & Morphology
- 7048-AAA Imaging
- 7049-AAA Imaging: Anatomy
- 7050-AAA Imaging: Functional Imaging
- 7051-AAA Imaging: Technology & Methods
- 7052-AAA Imaging: Computational Biology
- 7053-AAA Muscle
- 7054-AAA Muscle: Biomechanics & Exercise
- 7055-AAA Muscle: Development
- 7056-AAA Muscle: Stem Cells & Regeneration
- 7057-AAA Neurobiology
- 7058-AAA Neurobiology: Behavior; Neuropsychiatric Disorders; Disease; Aging
- 7059-AAA Neurobiology: Brain
- 7060-AAA Neurobiology: Development
- 7061-AAA Neurobiology: Neural Cell Biology
- 7062-AAA Neurobiology: Neuronal & Spinal Cord Degeneration, Repair & Regeneration
- 7063-AAA Neurobiology: Neuroprotection & Neuroimmunology
Platform & Hybrid Symposium Topic Sessions (oral presentations)

Abstracts submitted to the following topics will be considered for an oral presentation in either a hybrid or platform session. Submitting to one of these categories does not guarantee an oral presentation. A hybrid symposium includes an invited talk and up to (4) four 15-minute oral presentations selected from abstracts; a platform session includes (6) six 15-minute oral presentations selected from abstracts.

Anatomy Education (7010 – 7014)
Building the Future of Histology: Synergy between Educators, Clinicians and Technology (7065)
Cardiovascular Biology (7003, 7023 – 7032)
Cell Biology (7033 – 7036)
Developmental Biology (7037 – 7045)
Evolution and Comparative Anatomy (7046)
Morphological Sciences
Neurobiology (7007, 7057 – 7063)
Stem Cells, Tissue Engineering & Regeneration (7064)
What Can We Do When It All Falls Apart? Remediation and How to Help Students Who Are Struggling (7066)

EB Teaching Poster Session

If you would like to submit an abstract to one of EB’s Teaching poster sessions (#8100-8200), then you may have the opportunity to present your poster twice – once with the EB Teaching posters and a second time with the AAA Education posters. See page 37 for information about the EB Teaching posters.

8100-EB  Computers in Research & Teaching
8200-EB  Teaching, Learning and Testing in the Biological and Biomedical Sciences

Student/Postdoc Travel Awards Available

Travel awards of $250 and $350 are available for new and renewing AAA members who submit an abstract and present at EB 2016. All travel award applicants are also eligible for the on-site competition awards. The application is part of the abstract submission process, so apply online when you submit your abstract at www.experimentalbiology.org.


- Join or renew your AAA membership for 2016 by 11/10/15
- Be a First author and presenter at EB 2016
- List AAA/Anatomy as your sponsoring society
- Select an AAA abstract topic category

AAA Closing Awards Ceremony & Reception

Tuesday, April 5

Join the American Association of Anatomists at the Closing Awards Ceremony on Tuesday, April 5, 2016. The Awards Ceremony is from 7:30 p.m. to 10 p.m. at the San Diego Marriott and will feature a cocktail reception, dinner, & presentation of AAA awards. Tickets are $70 and will be available for purchase online via the AAA Website (www.anatomy.org). Limited amount of tickets will be available on-site.
CARDIOVASCULAR SECTION

FEATURED TOPICS:
(NOTE: if selected for inclusion in a featured topic, abstracts will be presented twice: once as a poster and once in the oral session)

1001-APS  2016 Gabor Kaley Lecture Featured Topic (Nourshargh)
1002-APS  Cardiopulmonary Effects of Environmental Stressors (Wold)
1003-APS  Cerebrovascular Dysfunction and Reactive Nitrogen Species (Katakam/Pollock)
1004-APS  Cooperation between Adaptive and Innate Immunity Post-Myocardial Infarction (DeLeon-Pennell/de Castro Bras)
1005-APS  Endothelial Dysfunction in Diabetes (Dokken / Meininger)
1006-APS  Metabolic Regulation of Cardiac Function in Diabetes: Epigenetics and Posttranslational Mechanisms (Wende/Chatham)
1007-APS  New Approaches for Induction of Arteriogenesis (Rocic)
1008-APS  Sex Disparities in Cardiovascular Function and Remodeling (Goulopoulou)
1009-APS  Wiggers Award Featured Topic (Meininger)

POSTERS:
1015-APS  Angiogenesis and vascular growth
1016-APS  Blood pressure regulation
1017-APS  Cardiac electrophysiology
1018-APS  Cardiac function and dynamics
1019-APS  Control of cerebral circulation
1020-APS  Control of coronary circulation
1021-APS  Diabetes and insulin resistance
1022-APS  Endothelial cell biology
1023-APS  Endothelial derived factors
1024-APS  Extracellular matrix and cardiac remodeling
1025-APS  Gene expression and cardiovascular function
1026-APS  Heart failure
1027-APS  Hypertension
1028-APS  Microcirculation
1029-APS  Myocardial ischemia
1030-APS  Myocardial metabolism
1031-APS  Peripheral circulation
1032-APS  Reactive oxygen species and cardiovascular injury
1033-APS  Shock
1034-APS  Vascular ion channels
1035-APS  Vascular smooth muscle in health and disease

THE MICROCIRCULATORY SOCIETY

POSTERS:
1040-APS  Angiogenesis/microvascular remodeling/injury and repair
1041-APS  Atherosclerosis/thrombosis/platelets
1042-APS  Inflammation/leukoocyte-endothelium interactions
1043-APS  Instrumentation, methodology, and experimental models
1044-APS  Ischemia-reperfusion/free radical biology
1045-APS  Lymphatic and venular function
1046-APS  Microvascular cell signaling pathways
1047-APS  Microvascular development and aging
1048-APS  Microvascular flow regulation/oxygen delivery/networks
1049-APS  Microvascular mechanics/hemodynamics/rheology
1050-APS  Microvascular pathophysiology-pharmacology, therapeutics and translational aspects
1051-APS  Pericytes and stem cells
1052-APS  Permeability/liquid and solute exchange/glycocalyx
1053-APS  Tissue-microvessel interactions/extracellular matrix
1054-APS  Vasomotor control: endothelium/smooth muscle/ nerves

BIOMEDICAL ENGINEERING SOCIETY

POSTERS:
1055-APS  Mathematical models of organ systems, tissues or cells
1056-APS  Mechanobiology
1057-APS  Regenerative medicine
1058-APS  Tissue engineering

CELL & MOLECULAR PHYSIOLOGY SECTION

FEATURED TOPICS:
(NOTE: if selected for inclusion in a featured topic, abstracts will be presented twice: once as a poster and once in the oral session)

1065-APS  Cell Signaling: Proteins, Pathways, and Mechanisms (Rao/Rodrigues)
1066-APS  Ion Channels and Transporters in Health and Disease (Kravtsov/Thai)
1067-APS  Microbiota or Nutrition and Host Cell Signaling (Worrell/Butterworth)
POSTERS:
1070-APS Ion channels, transporters and pumps in health and disease
1071-APS Signal transduction physiology: proteins, pathways and cells
1072-APS Oxidative stress, mitochondrial metabolism and redox changes in health and disease
1073-APS Apoptosis, cell stress and cell death
1074-APS Stem cells, cell growth, development, differentiation, and autophagy
1075-APS Cellular responses to inflammation
1076-APS Physiology and pathophysiology of barriers in endothelia, epithelia, and the blood brain barrier
1077-APS Cell migration, contractility, cytoskeleton, and adhesion
1078-APS Prokaryotic transport, metabolism, and cell signaling in nutrition, health, and disease
1079-APS Transporters for transmitters, nutrients, metabolites, and drugs
1080-APS pH homeostasis and acid-base transport
1081-APS Trafficking, membrane domains, polarity, and protein targeting
1082-APS Extracellular matrix, cell interactions, and tissue organization
1083-APS Cell volume, osmoregulation, and water transport
1084-APS Cell and molecular processes in cancer metastasis
1085-APS Cellular response to hypoxia
1086-APS Omic and systems biology approaches in neurodegenerative diseases
1087-APS Orai and STIM proteins in calcium signaling
1088-APS microRNAs in health and disease

CENTRAL NERVOUS SYSTEM SECTION

FEATURED TOPICS:
(NOTE: if selected for inclusion in a featured topic, abstracts will be presented twice: once as a poster and once in the oral session)
1090-APS Breathing Disturbances in Neurological Disorders (Moreira)
1091-APS Novel Mechanisms at the Level of the Solitary Tract Nucleus (NTS) (TBD)

POSTERS:
1095-APS Astrocyte and neuroglial interactions
1096-APS Blood-brain barrier, brain blood flow and metabolism
1097-APS Brain development and aging
1098-APS Central nervous system: other
1099-APS Central regulation of body fluid homeostasis
1100-APS Central regulation of food intake and body weight
1101-APS Cognition and behavior
1102-APS Neuroendocrinology/neuroimmunology
1103-APS Neuroexcitability, neurotransmission and neuroplasticity
1104-APS Neuroinflammation/neuroprotection/ischemia
1105-APS Neurotransmission and signaling molecules

COMPARATIVE & EVOLUTIONARY PHYSIOLOGY SECTION

FEATURED TOPICS:
(NOTE: if selected for inclusion in a featured topic, abstracts will be presented twice: once as a poster and once in the oral session)
1110-APS Avian Osmoregulation: Unique Solutions, Unanswered Questions (Sweazea/Goldstein)

POSTERS:
1115-APS Comparative cardiovascular and respiratory physiology
1116-APS Comparative metabolic physiology, biochemistry and endocrinology
1117-APS Comparative muscle physiology, locomotion and behavior
1118-APS Comparative osmotic, ionic, and acid-base regulation
1119-APS Comparative neurobiology
1120-APS Comparative nutritional physiology
1121-APS Other comparative and evolutionary physiology
1122-APS Scholander Award Competition

ENDOCRINOLOGY & METABOLISM SECTION

FEATURED TOPICS:
(NOTE: if selected for inclusion in a featured topic, abstracts will be presented twice: once as a poster and once in the oral session)
1125-APS Hormones and Reproduction (Samson)
1126-APS Metabolic Consequences of Exercise (Steiner/Yosten)

POSTERS:
1130-APS Cardiovascular endocrinology, including renin-angiotensin-aldosterone
1131-APS Gestation, fetal, and neonatal biology, including mammary gland and lactation
1132-APS Mitochondrial function
1133-APS Neuroendocrinology, hypothalamus and pituitary
1134-APS Obesity and satiety
1135-APS Adipocyte function and metabolism
1136-APS Pancreatic hormones and diabetes
1137-APS Reproduction and sex hormones
1138-APS Stress and trauma including adrenal gland
1139-APS Exercise, muscle protein synthesis, and bone metabolism
1140-APS Nutrition and nutrient metabolism, including lipids, amino acids, and carbohydrates
1141-APS Translational endocrinology and metabolism
### ENVIRONMENTAL & EXERCISE PHYSIOLOGY SECTION

**FEATURED TOPICS:**
(Note: if selected for inclusion in a featured topic, abstracts will be presented twice: once as a poster and once in the oral session)

1145-APS Hot, Cold, and Old: Aging and the Physiology of Thermal Stress (Schlader/Gagnon)
1146-APS Mechanisms Regulating Skeletal Muscle Mass (Bodine)
1147-APS Recovery from Exercise and Translating Post-Exercise Hypotension (Baynard)
1148-APS What Do Both Mitochondrial Protein Turnover and Mitochondrial Function Tell Us about Exercise and Aging? (Miller)

**POSTERS:**

1150-APS Acute exercise responses
1151-APS Altitude and hypoxia
1152-APS Cardiac responses to exercise
1153-APS Exercise training responses
1154-APS Exercise, health and disease
1155-APS Fluid balance, blood volume regulation and trauma
1156-APS Metabolism and energetics of muscle and related tissues
1157-APS Muscle atrophy and hypertrophy
1158-APS Muscle plasticity and gene regulation/expression
1159-APS Neural control of the circulation during exercise
1160-APS Ergogenics and detection
1161-APS Reduced gravity and hyperbaric environments
1162-APS Respiratory responses to exercise
1163-APS Responses of bone and connective tissue to exercise and inactivity
1164-APS Signaling with muscle among cells, tissues and organs
1165-APS Temperature regulation and biological timekeeping
1166-APS Vascular responses to exercise and environmental stress
1167-APS Exercise and nutrition

### GASTROINTESTINAL & LIVER PHYSIOLOGY SECTION

**FEATURED TOPICS:**
(Note: if selected for inclusion in a featured topic, abstracts will be presented twice: once as a poster and once in the oral session)

1190-APS Chronic Liver Diseases Modulated by Transcriptional and Translational Mechanisms (Wang)
1191-APS Innate Immune Functions of Epithelial Cells (Frey)

**POSTERS:**

1195-APS Alcoholic and nonalcoholic fatty liver diseases
1196-APS Barrier function and repair
1197-APS Effects of diet and metabolites on mucosal immunology
1198-APS Effects of diet on GI and liver physiology
1199-APS Gastric physiology and pathophysiology
1200-APS Gastrointestinal cancer and metastasis
1201-APS Gastrointestinal development
1202-APS Gastrointestinal motility
1203-APS Gastrointestinal nutrient sensors
1204-APS GI hormones, peptides and receptors
1205-APS GI and liver epithelial junctions
1206-APS GI and liver stem cells
1207-APS Growth factors, proliferation, differentiation and apoptosis
1208-APS Immunology and microbiology of the gut
1209-APS Intestinal inflammation and pathophysiology
1210-APS Liver physiology and pathophysiology
1211-APS Metal ion transport
1212-APS Metabolic disease: GI and liver function
1213-APS Microbes and nutrition
1214-APS Microbiome of the GI tract
1215-APS Nuclear receptors in the liver and GI tract
1216-APS Nutrient metabolism in the gut
1217-APS Pancreatic physiology and pathophysiology
1218-APS Prebiotics, probiotics and gut function

### EPITHELIAL TRANSPORT GROUP

**FEATURED TOPICS:**
(Note: if selected for inclusion in a featured topic, abstracts will be presented twice: once as a poster and once in the oral session)

1170-APS Epithelial Physiology and Transport I (Ussing Lecture)
1171-APS Epithelial Physiology and Transport II (Hebert Lecture)

**POSTERS:**

1175-APS Epithelial physiology and transport: CFTR
1176-APS Epithelial physiology and transport: channels
1177-APS Epithelial physiology and transport: ENaC
1178-APS Epithelial physiology and transport: exosomes
1179-APS Epithelial physiology and transport: ion and electrolyte transport
1180-APS Epithelial physiology and transport: microbiome
1181-APS Epithelial physiology and transport: miscellaneous transporters and channels
1182-APS Epithelial physiology and transport: paracellular transport
1183-APS Epithelial physiology and transport: solute transport
1184-APS Epithelial physiology and transport: tight junctions
1185-APS Epithelial physiology and transport: water transport

### HISTORICAL OF PHYSIOLOGY GROUP

**POSTERS:**

1220-APS History of Physiology
HYPOXIA GROUP

FEATURED TOPICS:
(NOTE: if selected for inclusion in a featured topic, abstracts will be presented twice: once as a poster and once in the oral session)

1225-APS Chemical Control of Autonomic Function in Health and Disease (Semenza/Ramirez)

POSTERS:
1230-APS Carotid body structure and function
1231-APS Gene transcription and translation in hypoxia
1232-APS Hypoxia and ion channels, transmitters, and second messengers
1233-APS Intermittent hypoxia/oxidative stress
1234-APS Pathophysiology of hypoxia
1235-APS Responses to acute or chronic hypoxia exposure and altitude
1236-APS Integrated physiology and hypoxia

MUSCLE BIOLOGY GROUP

FEATURED TOPICS:
(NOTE: if selected for inclusion in a featured topic, abstracts will be presented twice: once as a poster and once in the oral session)

1240-APS Muscle Dysfunction in Diabetes: Cause(s) or Effect(s)? (Brozinick)
1241-APS Skeletal Muscle Peroxisomal-Mitochondrial Interactions in Health and Disease (Cortright/Noland)

POSTERS:
1245-APS Aging and muscle function
1246-APS Calcium and muscle contractility
1247-APS Calcium homeostasis
1248-APS Cardiac muscle, physiology
1249-APS Contractile and regulatory proteins
1250-APS Excitation-contraction coupling mechanisms
1251-APS Heat shock proteins and muscle function
1252-APS Muscle chemistry and metabolism
1253-APS Skeletal muscle, physiology
1254-APS Smooth muscle, physiology/pharmacology

NEURAL CONTROL & AUTONOMIC REGULATION SECTION

FEATURED TOPICS:
(NOTE: if selected for inclusion in a featured topic, abstracts will be presented twice: once as a poster and once in the oral session)

1260-APS NCAR Young Investigator Awards
1261-APS The Mind Matters: Psychology as an Overlooked Variable in Autonomic Physiology
1262-APS Neural Control of Inflammation-Mediated Hypertension
1263-APS Vagal-Respiratory Coupling and its Implications in Health and Disease
1264-APS Actions and Interactions of Baroreflexes, Chemoreflexes and Metaboreflexes in Autonomic Regulation and Heart Disease

PHYSIOLOGICAL GENOMICS GROUP

FEATURED TOPICS:
(NOTE: if selected for inclusion in a featured topic, abstracts will be presented twice: once as a poster and once in the oral session)

1295-APS Environmental Regulators on Microbiome-Mediated Immunity and Inflammation: Genetic and Epigenetic Implications (Claycombe/Meydani)

POSTERS:
1300-APS Systems biology, computational modeling, and bioinformatics
1301-APS Genetically-engineered model organisms
1302-APS Genetics, genomics, gene expression, and epigenetics
1303-APS Ion transport: genes and function
1304-APS Non-coding RNA: miRNA, siRNA, and long ncRNA
1305-APS Genetics/genomics of exercise, obesity, and diabetes
1306-APS Genetics/genomics of cardiovascular and kidney disease
1307-APS Renin-angiotensin system: genes and function
1308-APS Functional genomics: transcriptomics, proteomics and metabolomics
1309-APS Vascular disease: genes and function
1340-APS Translational genomics: from model organisms to humans
### Renal Section

**Featured Topics:**
*(NOTE: if selected for inclusion in a featured topic, abstracts will be presented twice: once as a poster and once in the oral session)*

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<tr>
<td>1345-APS</td>
<td>Novel Signaling and Transport Mechanisms in the Collecting Duct (Prieto-Carrasquero/Peti-Peterdi)</td>
</tr>
<tr>
<td>1400-APS</td>
<td>Cross-Talk between Salt and Other Factors in Hypertension (Li)</td>
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</table>

**Posters:**

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<tr>
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<td>Diabetic renal disease</td>
</tr>
<tr>
<td>1351-APS</td>
<td>Hormone and autacoid effects on the kidney</td>
</tr>
<tr>
<td>1352-APS</td>
<td>Oxidative stress and hypoxia in the kidney</td>
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### Respiration Section

**Featured Topics:**
*(NOTE: if selected for inclusion in a featured topic, abstracts will be presented twice: once as a poster and once in the oral session)*

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<td>Environmental Exposures, Oxidative Stress, and Lung Disease (Waters/Chatterjee)</td>
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<tr>
<td>1371-APS</td>
<td>Inflammation and Its Influence on Lung Function and Respiratory Control (Wilson/Wilson)</td>
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<td>Intermittent Hypoxia: Respiratory and Cardiovascular Control and Beyond (Solomon/Fields)</td>
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<td>Redundancy and Plasticity in Respiratory Control (Bavis/Nichols)</td>
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### Teaching of Physiology Section

**Featured Topics:**
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### Water & Electrolyte Homeostasis Section

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<td>Neural and Hormonal Modulation of Fluid Balance and Ion Homeostasis in Health and Disease (Banek/Lob)</td>
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<td>Origins of Adult Cardiovascular and Metabolic Disease (Loria/Gillis)</td>
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### ASBMB Topic Tips

- ASBMB topic categories are grouped by scientific theme. See pages 25-27 for a list of themes.
- ASBMB short talks are selected from the volunteered abstracts submitted to topics #2000-2697. Those selected for oral presentation must ALSO present posters.
- Topics in bolded, black text represent oral and poster sessions of the same name. Submitting to these topics is not a guarantee of oral programming.
- ASBMB travel award applicants must submit a scientific abstract as first author to an ASBMB topic category by the November abstract deadline. Complete travel award information is found at www.asbmb.org/meeting2016.
- Best Thematic Poster Awards! Student/Postdoc abstracts submitted to topics associated with this year's scientific themes will be considered for Best Poster honors and cash prizes! Winners will be announced during the scientific sessions on Wednesday, April 6th. Details at www.asbmb.org/meeting2016

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**STRAIGHT FROM THE BENCH**

Straight from the Bench includes two Grad/Postdoc organized sessions. Grad/Postdoc first authors submitting abstracts to topics for Session 1, Posttranslational Modifications and the Microorganism Response (#2000-2009) or Session 2, Recent Advances in Protein Engineering (#2100-2110), will be considered for short talks in these sessions and must also present posters. All others will be programmed for poster presentation.

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<td>Stroke/vascular diseases</td>
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<tr>
<td>4135-ASIP</td>
<td>Toxic/metabolic diseases</td>
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<tr>
<td>4136-ASIP</td>
<td>Tumors – glial</td>
</tr>
<tr>
<td>4137-ASIP</td>
<td>Tumors – nonglial</td>
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</tbody>
</table>
### Aging and Chronic Disease
- **5000-ASN** Nutrient Needs and Impact on Aging and Health ▶ (New!)
- **5001-ASN** Nutritional Assessment in Older Adults and Populations ▶ (New!)
- **5002-ASN** Nutrition and Cardiometabolic Health ▶ (New!)
- **5003-ASN** Nutrition and Musculoskeletal Health ▶ (New!)
- **5004-ASN** Nutrition and Gastrointestinal Health ▶ (New!)
- **5005-ASN** Nutrition Across the Lifespan: Nutrition, Neurobiology, Mood and Behavior (Co-sponsor: Aging, Obesity and Nutrition Translation)

### Community and Public Health Nutrition
- **5020-ASN** Community and Public Health Nutrition Interventions
- **5021-ASN** Food Security and Its Connections to Nutrition and Health
- **5022-ASN** Health Disparities and Promoting Health in Diverse Populations (Co-sponsor: Minority and Diversity Affairs Committee)
- **5023-ASN** Food and Built Environment
- **5024-ASN** Policy and Systems Approaches in Community and Public Health Nutrition
- **5025-ASN** Community and Public Health Approaches to Obesity Preventions

### Carotenoid and Retinoid Interactive Group (CARIG)
- **5030-ASN** Carotenoids and Health
- **5031-ASN** Carotenoids and Retinoids: Molecular Mechanisms of Action
- **5032-ASN** Bioavailability and Metabolism of Carotenoids and Vitamin A
- **5033-ASN** Biofortification of Staple Crops with Micronutrients

### Diet and Cancer
- **5040-ASN** Diet and Cancer: Molecular Targets
- **5041-ASN** Diet and Cancer: Animal Studies
- **5042-ASN** Diet and Cancer: Clinical and Human Studies

### Dietary Bioactive Components
- **5060-ASN** Bioavailability, Metabolism and Biomarkers of Dietary Bioactive Components
- **5061-ASN** Mechanisms of Action and Molecular Targets of Dietary Bioactive Components
- **5062-ASN** Effects of Dietary Bioactive Components on Experimental Models of Chronic Disease Risk
- **5063-ASN** Antioxidant and Anti-inflammatory Effects of Dietary Bioactive Components
- **5064-ASN** Cardiovascular Effects of Dietary Bioactive Components
- **5065-ASN** Dietary Bioactive Components of Medicinal, Functional and Whole Foods (Including Probiotics and Fermented Foods)

### Energy and Macronutrient Metabolism
- **5080-ASN** Energy Balance, Macronutrients and Weight Management
- **5081-ASN** Obesity and the Metabolic Syndrome (Co-sponsor: Obesity RIS)
- **5082-ASN** Protein and Amino Acid Metabolism
- **5083-ASN** Lipid and Fatty Acid Metabolism and Transport
- **5084-ASN** Energy and Macronutrient Metabolism and the Gut
- **5085-ASN** Metabolic Phenotyping, Metabolomics and Biomarkers
- **5086-ASN** Carbohydrate Metabolism
- **5087-ASN** Diet and/or Exercise Regulation of Food Intake (Co-sponsor: Obesity RIS)
- **5088-ASN** Energy Metabolism and Aging (Co-sponsor: Aging and Chronic Disease RIS)
- **5089-ASN** Dietary Fatty Acids and Health
- **5090-ASN** Protein Intake and Health Implications

### Experimental Animal Nutrition
- **5100-ASN** Animal Models of Fetal Nutrition, Programming and Neonatal Development
- **5101-ASN** Comparative Animal Nutrition and Physiology
- **5102-ASN** Animal Models of Nutrition and Disease
- **5103-ASN** Animal Models for Nutrition Across Physiological States
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<tr>
<th>Category</th>
<th>Code</th>
<th>Description</th>
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<tr>
<td>Maternal, Perinatal &amp; Pediatric Nutrition (including Lactation)</td>
<td>5120-ASN</td>
<td>Relationships of Maternal Diet and Health to Lactation Performance and Infant Health</td>
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<td>5121-ASN</td>
<td>Predictors of Lactation Initiation and Duration and Interventions to Improve Lactation Success</td>
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<td>5122-ASN</td>
<td>Bioactive Components and Other Milk Constituents and Their Effect on the Infant</td>
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<td>5123-ASN</td>
<td>Biology of Lactogenesis, Lactation and Milk Composition</td>
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<td>5124-ASN</td>
<td>Early Childhood Nutrition (New!)</td>
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<td>5125-ASN</td>
<td>Feeding Behavior of the Mother, Infant, and Other Caregivers on Health and Disease Prevention (New!)</td>
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<td>5126-ASN</td>
<td>Mechanisms and Tools to Assess How Nutrition Affects Physical Growth (Linear and Body Composition) (New!)</td>
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<td>5127-ASN</td>
<td>Developmental Changes, Nutrient Requirements and Nutrient Assessment (Maternal/Fetal Exchange, Nutritional Needs of Preterm Infants, etc) (New!)</td>
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<td>5128-ASN</td>
<td>Nutritional Care of Preterm Infants (New!)</td>
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<td>Nutrition and Physical/Intellectual Disabilities (New!)</td>
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<td>5130-ASN</td>
<td>Prenatal Nutrient Programming in Humans</td>
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<td>Global Nutrition</td>
<td>5140-ASN</td>
<td>Linear Growth and Growth Failure from Conception to Adulthood (New!)</td>
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<td>5141-ASN</td>
<td>Improving the Diets of Vulnerable Populations (New!)</td>
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<td>5142-ASN</td>
<td>Obesity, Non-Communicable Diseases (NCDs) and the Nutrition Transition (New!)</td>
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<td>5143-ASN</td>
<td>Measuring and Improving Micronutrient Status (New!)</td>
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<td>5144-ASN</td>
<td>Nutrition, Infection and Inflammation (New!)</td>
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<td>5145-ASN</td>
<td>Measuring and Improving the Effectiveness of Nutrition Programs (New!)</td>
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<td>5146-ASN</td>
<td>Nutrition-Sensitive Programs (New!)</td>
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<td>5147-ASN</td>
<td>Global Nutrition</td>
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<td>Medical Nutrition</td>
<td>5200-ASN</td>
<td>Personalized Nutrition</td>
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<td>5201-ASN</td>
<td>Nutrition and the Microbiome</td>
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<td>5202-ASN</td>
<td>Interventions for the Treatment and Prevention of Nutrition-Related Diseases</td>
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<td>5203-ASN</td>
<td>Applied Physiology, Nutrition, and Metabolism (New!)</td>
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<td>Nutrition Education and Behavioral Science</td>
<td>5210-ASN</td>
<td>Evidence-Based Nutrition Education: Development, Testing, and Evaluation</td>
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<td>5211-ASN</td>
<td>Nutrition Education and Behavior Change</td>
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<td>5212-ASN</td>
<td>Childhood Obesity Prevention</td>
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<td>5213-ASN</td>
<td>Developing Healthy Eating and Physical Activity Behaviors Across the Lifespan</td>
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<td>Nutrient-Gene Interactions</td>
<td>5220-ASN</td>
<td>Genomics, Proteomics, and Metabolomics (New!)</td>
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<td>5222-ASN</td>
<td>Epigenetics (New!)</td>
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<td>5223-ASN</td>
<td>Chronic Disease, Obesity and Inflammation (New!)</td>
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<td>5224-ASN</td>
<td>Bioactives, Biomarkers and Exercise (New!)</td>
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<td>Nutritional Epidemiology</td>
<td>5230-ASN</td>
<td>Innovation and Validation of Dietary Assessment Tools and Their Applications</td>
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<td>5231-ASN</td>
<td>Epidemiological Research Addressing Diet and Health Outcomes</td>
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<td>5232-ASN</td>
<td>Nutrition and Chronic Disease Epidemiology</td>
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<td>5233-ASN</td>
<td>Research with Dietary Supplements and Bioactive Components</td>
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<td>5234-ASN</td>
<td>Advancing Nutritional Epidemiology with Public Use and Commercial Data Sets</td>
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<td>5235-ASN</td>
<td>Epidemiologic Methods in Examining Health Outcomes in Diverse Populations (Co-sponsor: Minority Affairs Committee)</td>
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<td>5236-ASN</td>
<td>Exploring Geographic-Based Methods in Nutrition Epidemiological Research</td>
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<td>Nutritional Immunology and Inflammation</td>
<td>5240-ASN</td>
<td>Nutritional Immunology and Inflammation (New!)</td>
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<td>5241-ASN</td>
<td>Nutrition and Infection</td>
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<td>Nutrition Translation</td>
<td>5250-ASN</td>
<td>Food Science and Technology in Nutrition</td>
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<td>5252-ASN</td>
<td>Nutrition Science for Public Policy, Practice and the Consumer</td>
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<tr>
<td>Obesity</td>
<td>5260-ASN</td>
<td>Diet, Devices, Medications and Surgery</td>
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<td>5261-ASN</td>
<td>Gut Microbiome and Obesity</td>
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<td>5262-ASN</td>
<td>Chronic Diseases and Obesity</td>
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<td>5263-ASN</td>
<td>Macronutrients and Obesity</td>
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<td>5264-ASN</td>
<td>Body Composition</td>
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<td>5265-ASN</td>
<td>Childhood Obesity Management</td>
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<td>Vitamins and Minerals</td>
<td>5280-ASN</td>
<td>Water and Fat Soluble Vitamins and Chronic Disease</td>
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<td>5281-ASN</td>
<td>Micronutrient Bioavailability and Antioxidant Function</td>
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<td>5282-ASN</td>
<td>Zinc</td>
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<td>5283-ASN</td>
<td>Selenium</td>
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<td>5284-ASN</td>
<td>B Vitamins and One-Carbon Metabolism</td>
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<td>5285-ASN</td>
<td>Micronutrient Interventions</td>
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<td>5286-ASN</td>
<td>Trace Element Transport and Homeostasis in Health and Disease</td>
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<tr>
<td>Sports Nutrition</td>
<td>5300-ASN</td>
<td>Nutrition, Dietary Supplements and Human Performance</td>
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</tbody>
</table>
Other
5310-ASN  Dairy and Yogurt: Health and Nutrition Effects
5311-ASN  Pulse Nutrition and Health (Dried Beans, Peas, Lentils, Chickpeas)

Sustainability
5315-ASN  Nutrition and Agronomy ► (New!)
5316-ASN  Factors Influencing Long-Term Economic/Environmental Sustainability of the Food Supply ► (New!)

Education and Teaching
5320-ASN  Nutrition Education in Medical and Other Professional Schools
5321-ASN  Nutrition Education for Practicing Clinicians
5322-ASN  Innovations in Undergraduate and Graduate Nutrition Education (Sponsor: Association of Nutrition Departments and Programs)

Policy
5350-ASN  Innovations in Nutrition Monitoring
5351-ASN  Nutrition Policy Implementation and Evaluation
5352-ASN  Nutrition Programs and Policies to Improve the Health of Subpopulations (i.e., Children, Older Adults, Minorities) (Co-sponsor: Aging, Community and Public Health, and Public Policy Committee)
5353-ASN  Public-Private Partnerships
All accepted abstracts will receive a poster presentation slot for either Sunday, Monday, Tuesday, or Wednesday.

Oral presentations will be selected from the “Featured Topics” categories to present in our scheduled symposia. If selected for oral presentation, you will also be scheduled to present a poster. If your abstract is not accepted for an oral presentation, you will still be scheduled for a poster.

Students and postdocs eligible for ASPET travel awards and the ASPET Poster Competition must submit their work through EB to any ASPET category below AND complete the application form at www.aspet.org/awards.

**Cancer Pharmacology**

**POSTERS**
- 3000-ASPET Drug Targets in Cancer Pharmacology
- 3001-ASPET Anticancer Drug Resistance
- 3002-ASPET Cancer Diagnostics & Biomarkers
- 3003-ASPET Cancer Immunotherapy
- 3004-ASPET Cell Signaling and Cancer Therapeutics
- 3005-ASPET Cancer Stem Cells

**FEATURED TOPICS**
*(Consideration for both a Symposium oral presentation and a Poster presentation.)*
- 3006-ASPET Cancer Stem Cells
- 3007-ASPET Chronopharmacology in Cancer
- 3008-ASPET MicroRNA in Cancer

**Cardiovascular Pharmacology (CVP)**

**POSTERS**
- 3009-ASPET Cardiac Pharmacology
- 3010-ASPET Vascular Pharmacology
- 3011-ASPET Cardiovascular Disease
- 3012-ASPET Cardiovascular Pharmacology – General/Other

**FEATURED TOPICS**
*(Consideration for both a Symposium oral presentation and a Poster presentation.)*
- 3013-ASPET Vascular Pharmacology of Hemostasis and Thrombosis
- 3014-ASPET Sex Differences in Cardiovascular Pharmacology and Disease
- 3015-ASPET Cardiometabolic Disease

**Cellular and Molecular Pharmacology**

**POSTERS**
- 3016-ASPET Heterotrimeric G Proteins and Effector Enzymes
- 3017-ASPET Cell Surface Receptors (GPCRs)
- 3018-ASPET Cell Surface Receptors (Tyrosine Kinases, Channels, Others)
- 3019-ASPET Intracellular Targets (Nuclear Receptors, Kinases, Phosphatases, Epigenetic Modifiers)
- 3020-ASPET Extracellular Targets (Proteases, Viruses, Exosomes)

**FEATURED TOPICS**
*(Consideration for both a Symposium oral presentation and a Poster presentation.)*
- 3021-ASPET Intracellular GPCR and Lipid Signaling
- 3022-ASPET Wnt Signaling
- 3047-ASPET Novel GPCRs in Health and Disease

**Central Nervous System Pharmacology**

**POSTERS**
- 3023-ASPET Behavioral Pharmacology
- 3024-ASPET Drugs of Abuse
- 3025-ASPET Neuropharmacology
- 3026-ASPET Neurotoxicology
- 3027-ASPET Psychotherapeutics

**FEATURED TOPICS**
*(Consideration for both a Symposium oral presentation and a Poster presentation.)*
- 3028-ASPET Novel Pain Therapeutics
- 3029-ASEPT Peptides and Stress
- 3030-ASPET Nicotinic Pharmacology
- 3031-ASPET Glutamate and Depression
- 3032-ASPET Drug and Gene Therapies for Cognitive Disorders
Drug Discovery and Development

**POSTERS**
- 3033-ASPET Drug Discovery and Development
- 3061-ASPET Academic Drug Discovery (Colloquium Thurs 4/7/2016)

**FEATURED TOPICS**
*(Consideration for both a Symposium oral presentation and a Poster presentation.)*
- 3034-ASPET Hydrogen Sulfide
- 3035-ASPET Ubiquitin-Proteasome System
- 3032-ASPET Drug and Gene Therapies for Cognitive Disorders

**Drug Metabolism and Disposition (DMD)**

**POSTERS**
- *3036-ASPET DMD – General
- *3037-ASPET DMD – Pharmacokinetics/Toxicokinetics
- *3038-ASPET DMD – Phase I Enzymes
- *3039-ASPET DMD – Phase II Enzymes
- *3040-ASPET DMD – Transporters

**FEATURED TOPICS**
*Abstracts submitted by graduate students and postdocs to the DMD poster categories above may also be eligible for an oral presentation at the Drug Metabolism Platform Session. The postdoc category for the DMD poster competition also includes industry scientists within 5 years of earning their highest degree.*

**Pharmacogenomics and Translational Pharmacology**

**POSTERS**
- 3041-ASPET Translational Research
- 3042-ASPET Clinical Pharmacology
- 3043-ASPET Preclinical Pharmacology
- 3044-ASPET Metabolic Pharmacology
- 3045-ASPET Clinical Trials
- 3046-ASPET Systems Pharmacology

**FEATURED TOPICS**
*(Consideration for both a Symposium oral presentation and a Poster presentation.)*
- 3047-ASPET Novel GPCRs in Health and Disease
- 3048-ASPET Transporter Mediated Drug Disposition
- 3049-ASPET Tools in Pharmacometabolomics

Pharmacology Education

**POSTERS**
- 3050-ASPET Knowledge Objectives in Pharmacology Education
- 3051-ASPET Small Group Learning in Pharmacology Education
- 3052-ASPET Technology and Social Media in Pharmacology Education
- 3053-ASPET Assessment in Pharmacology Education

Toxicology

**POSTERS**
- 3054-ASPET Biochemical/Mechanistic Toxicology
- 3055-ASPET Organ Toxicology
- 3056-ASPET Neurotoxicology
- 3057-ASPET In Vitro Toxicology
- 3058-ASPET Clinical/Translational Toxicology
- 3059-ASPET Inflammation and Tissue Injury

Pharmacology – Other

- 3060-ASPET Pharmacology – All Other

Colloquium Posters – Thursday, April 7

**Drug Discovery in Academia: Recent Successes and Emerging Opportunities**
- 3061-ASPET Academic Drug Discovery (Colloquium Thurs 4/7/2016)
REGISTRATION
Register by March 1, 2016 to receive the discounted registration fee. Complete instructions are on the website at www.experimentalbiology.org.

The registration fee includes entrance to scientific sessions, exhibits, and a copy of the Program. NOTE: The Program will NOT be mailed this year. You may pick up your program on-site. The abstracts will be published online as part of The FASEB Journal. Paper copies are not available. Registration fees do not include abstract submission fees or membership dues.

You can register as follows:

- Online at www.experimentalbiology.org
- Mail the form and payment to:
  EB 2016 Registration Office
  9650 Rockville Pike
  Bethesda, MD 20814
  The form is online at www.experimentalbiology.org as an interactive PDF.
- Fax the form to 301-634-7008 (credit card payments only).

Mailed and faxed registration forms will only be accepted until March 21, 2016. Several societies have planned special activities that require a fee in addition to the Experimental Biology 2016 registration fee. Details on the activities and how to register for these activities are included on pages 62-63.

<table>
<thead>
<tr>
<th>EB Registration Fees</th>
<th>On or Before March 1, 2016</th>
<th>After March 1, 2016</th>
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<td>Sponsoring/Participating Society Members</td>
<td>$400</td>
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<td>Nonmembers</td>
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<td>**Undergraduate Students</td>
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<tr>
<td>**High School Students and Teachers</td>
<td>On-site registration only Free</td>
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</table>

*Graduate Student Registration (including all Society student members): You must have a department head or research advisor certify your student eligibility. If registering online, enter the name and email address of your department head. If registering at the meeting, bring your ID card or a letter signed by your department head. “Student” will be indicated on your badge. Postdoctoral fellows, hospital residents, interns and laboratory technicians do not qualify as students.

**Undergraduate Students and High School Students: Registration will be accepted in advance. To receive your badge on-site, bring a student ID card or a letter signed by your department head, research advisor or teacher.

**High School Teacher: You must be a certified High School Teacher currently teaching High School students. You do not qualify for this category if you are currently teaching at a University or a Hospital. Credentials or a letter from the school principal must be provided on-site to receive your badge.

***Postdoctoral Trainee: Trainees have obtained their doctoral degree within the last five years and are currently enrolled in a postdoctoral trainee program.

Print program subject to availability.
2015 Meeting Demographics

Distribution by Geographical Area

More than 65 countries annually in the fields of anatomy, physiology, biochemistry, pathology, nutrition and pharmacology:

New England: 462
Mid Atlantic: 757
South Atlantic: 1,272
E North Central: 1,173
W North Central: 673
E South Central: 440
W South Central: 699
Mountain: 397
Pacific: 1,347
International: 2,594

Demographics of Scientific Registrants

University: 8,240
NIH: 45
Government/Other: 358
Industry: 626
Nonprofit: 404
Other: 141

Total Scientists
2012 – 10,329 2013 – 11,238 2014 – 9,814

Other Attendees

Press Registration:

Complimentary registration is available for qualified press to cover EB 2016. Pre-registration for members of the media and freelance writers is encouraged. A letter of assignment is necessary. Please visit experimentalbiology.org/content/PressInformation.aspx to view our full press credentials policy. Send your completed request to media@faseb.org.

ALL REGISTRANTS – PLEASE NOTE: NO MATERIALS WILL BE MAILED IN ADVANCE

You will not receive your badge nor program prior to the meeting. There will be on-site kiosks set up to print your badge upon your arrival at the meeting.

Programs will not be mailed in advance and can be picked up at the meeting along with other materials.

On-site Registration: On-site registration will be available at the San Diego Convention Center beginning Friday, April 1, continuing through Wednesday, April 6.

Cancellation and Refunds: The badge, receipt and a letter requesting a refund of the registration fee must be received by March 21, 2016. A $50 non-refundable processing fee will be deducted from the refund. After March 21, 2016 no refunds will be issued. Mail to: Experimental Biology 2016 Registration Office, 9650 Rockville Pike, Bethesda, MD 20814-3998.

A list of participating hotels with locations, discounted rates, amenities and instructions for making a reservation are online at www.experimentalbiology.org. Be sure to read the information on the importance of staying at an EB official hotel.

Experient Inc. is the only official housing provider for the Experimental Biology meeting.
SOCIETY-TICKETED EVENTS

The following special Society activities have been planned and require a fee in addition to the Experimental Biology 2016 registration fee. If you plan to attend any of these activities, please note where and how to register.

AAA Closing Awards Ceremony & Reception
Tuesday, April 5th
Join the American Association of Anatomists at the Closing Awards Ceremony on Tuesday, April 5, 2016. The Awards Ceremony is from 7:30 PM to 10:00 PM at the San Diego Marriott and will feature a cocktail reception, dinner, & presentation of AAA awards. Tickets are $70 and will be available for purchase online via the AAA Website (www.anatomy.org). Limited amount of tickets will be available on-site.

Drug Discovery in Academia: Recent Successes and Emerging Opportunities
Sponsored by ASPET and the Academic Drug Discovery Consortium
Thursday, April 7th
8:00 AM – 9:00 PM, San Diego Convention Center. Admission by separate registration and fee only. Register at www.aspet.org

The APS Opening Ceremony and Walter B. Cannon Lecture
Saturday, April 2nd
5:30 PM, room 20A. Lecture is free of charge.

APS Opening Reception
Saturday, April 2nd
7:00 PM – 9:00 PM, San Diego Convention Center, is free for APS members and those expressing an interest in physiology on their registration form. ADMISSION IS BY TICKET ONLY

APS Closing Party
Wednesday, April 6th
7:00 PM – 10:00 PM, room TBD, tickets are $15 in advance/ $25 onsite. The closing party will include a live band “GI Distress” ADMISSION IS BY TICKET ONLY

Please sign up for these events when registering for the meeting by checking the boxes on the registration form.
Fellows, 50-Year Members, and Past Presidents Luncheon

Join ASN in celebrating the accomplishments and achievements of our past and present Fellows, 50-Year members, and former society presidents over lunch at the annual meeting. This luncheon will include a presentation honoring the newly inducted class of 2016 ASN Fellows. All members are invited to attend; guests are permitted. All newly inducted Fellows will receive complimentary registration. Tickets can be purchased from www.nutrition.org.

Monday, April 4, 2016 at 11:30 AM

XVIth Annual Workshop on Graduate Education in Pathology: Integrating Clinical and Anatomic Pathology

Saturday, April 2, 2016 at 11:45 AM
$10 for ASIP Members $20 for Non-Members

Committee for Career Development & Diversity Workshop: Career-Choice Opportunities in Science

Sunday, April 3, 2016 at 7:00 AM
$10 for ASIP Members $20 for Non-Members

XVIth Annual ASIP/AAA Career Development and Mentoring Program and Lunch: How to Network Efficiently and Choose a Career Path

Sunday, April 3, 2016 at 11:45 AM
*ASIP Trainee members and AAA Student Members will receive a complimentary ticket*
$10 for ASIP Members $20 for Non-Members

Lunch and Learn: Science, Statistics, and Getting it Right: Interactive Discussion of Common Problems

Tuesday, April 5, 2016 at 11:45 AM
$10 for ASIP Members $20 for Non-Members

Scientific Interest Group Networking Sessions and Poster Discussions

Tuesday, April 5, 2016 at 5:30 PM
FREE FOR ALL ATTENDEES

Please sign up for these events when registering for Experimental Biology by checking the boxes on the registration form.
Welcome to San Diego, California’s second largest city, where blue skies keep watch over 70 miles of majestic coastline and a gentle Mediterranean climate and friendly locals create a welcoming vibe all its own.

San Diego, CA – Downtown, Diverse Dining, Delightful Dalliances and it doesn’t stop there...

Downtown San Diego is a veritable foodie’s paradise, with plenty of options for every type of cuisine you can imagine. Many of San Diego’s downtown restaurants feature celebrity chefs, farm-to-table options, and fresh catches of the day. From the freshest seafood and sushi, authentic Italian, Mexican or Thai, to New American and California cuisine, if you crave it, you’ll find in downtown San Diego.

The heart of every city lives in its downtown, and San Diego is no exception. Located only minutes from the airport, San Diego’s thriving downtown districts, including the historic Gaslamp Quarter, offer a plethora of options for accommodations, activities, and dining, shopping and cultural attractions, all within walkable city blocks. Visit their website at www.sandiego.org. There you will also find details on 25 Fun and Free (and almost free) Things to Do, and maps to get you around town.

Air Travel/Ground Transportation:
San Diego International Airport (SAN) is conveniently located, approximately three and one half miles from the heart of downtown San Diego. It is serviced by 22 major and commuter airlines and receives more than 16 million passengers a year. San Diego offers plenty of convenient public transportation options that are safe, clean and efficient, from trolley, to the Coaster train, to the metropolitan bus system.

What to Wear:
San Diego dress is fabulously casual, smart and simple. It’s great weather with occasional showers. Clothing for business and recreational gear is a must.
Important Procedural Information

The abstract fee is NOT your registration fee and NOT your society membership fee.

In addition to submitting your abstract, you must register for the meeting.

After submitting your abstract, you must submit a separate application if you wish to apply for any of the Society awards and follow the process required by the Society.

The complete Call for Abstracts and general information is available www.experimentalbiology.org.

As soon as possible:

- Submit your abstract
- Register for the meeting
- Make hotel reservations
- Make airline reservations

November 5, 2015
- Deadline to submit abstract and $65 non-refundable abstract processing fee
- Deadline to withdraw or make changes to a submitted abstract

February 23, 2016
- Deadline for hotel reservations. Rates and availability cannot be guaranteed after this date.

March 1, 2016
- Deadline for early registration. You may register online after this date; however your registration will be at the higher fee.

March 21, 2016
- Deadline to request a refund of advance registration.

April 2 – 6, 2016
- Attend Experimental Biology meeting in San Diego, CA!

FOLLOW EB AND THE SOCIETIES ON FACEBOOK AND TWITTER FOR MEETING UPDATES!
EXHIBITION AND SPONSORSHIP OPPORTUNITIES AT EB 2016

Apply for Space Today!

Don’t miss the opportunity to meet with the leaders and decision makers looking for products and services like yours!

Reserve your booth space by January 7, 2016 to have your company information printed in the meeting program. Application can be found online under Exhibitors.

Advertising
Display your company name, logo, booth number and message in the meeting program. The program is posted in full on the website in advance of the meeting. Advertising rates, specifications and order forms can be found on the website.

Booth Upgrade
Increase your exposure and ROI by upgrading your booth in our virtual floor plan. Other options include adding your URL, company logo, product promotion and company video. Please contact Jkearney@faseb.org for additional information.

Product Workshops
Highlighting your company’s products and services in a private theater setting. Product workshops will be held on the exhibit floor and in session rooms for one hour increments and includes complimentary A/V equipment. Requests are accepted on a first-come, first-served basis. Complete the online application located on our website. Deadline for consideration is January 7, 2016. A description of the presentation will be included in the meeting program.

Over 14,000 independent scientists representing the participating and sponsoring societies of Experimental Biology.

Attendee Mailing Lists
Reach new prospects and stay connected by purchasing the advance or post show attendee mailing lists. Names are sorted by zip code and can be segmented by domestics, Canadian or International addresses. Complete the online order form located on our website.

Company Box Ad
Maximize your visibility by displaying your company’s logo next to your company information in the meeting program. Further details and pricing can be found on our website.

Sponsorship Opportunities
Sponsorship and marketing opportunities are a great way to get the brand recognition and visibility that you want. Further details can be found online.

New! – Exhibitor Showcase
We are offering exhibitors the opportunity to conduct a presentation, to educate the industry about their products, services, new launches, innovations and news. Each presentation will be scheduled for fifteen minute intervals on the exhibit floor and will be listed in the Meeting Program.

For information or to reserve your exhibit space please visit: www.experimentalbiology.org/exhibits

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