Meet the Mentor Breakfast
(7:30 AM - 8:30 AM)
CME Hours: 0.0
San Diego Convention Center, ASIP Office Corridor
Sponsored by the ASIP Committee for Career Development and Diversity
Chair: T. Parry, University of North Carolina at Chapel Hill

NextGen Science: New Discoveries of Graduate Student and Post-Doctoral Fellow Rising Stars
(8:30 AM - 11:30 AM)
CME Hours: 0.0
San Diego Convention Center, Session Room 2
Sponsored by the ASIP Committee for Career Development and Diversity
Chairs: T. Reaves, Medical University of South Carolina and E. Medina, University of Texas Health Science Center at San Antonio
- Abstract-driven Short Talks (15 minutes each)

Molecular and Cellular Basis of Cancer Symposium: EMT, An Ever-Changing Process of Cancer Progression
(8:30 AM - 11:30 AM)
CME Hours: 3.0
San Diego Convention Center, Session Room 3
Chair: D. Stairs, Penn State College of Medicine
(8:30 AM - 9:05 AM)
- Liver Microenvironment Regulates Metastasis and Chemoresistance
  Alan Wells, MD, PhD
  University of Pittsburgh
(9:05 AM - 9:40 AM)
- Kaiso as a Master Regulator of EMT in Breast and Prostate Cancers
  Clayton Yates, PhD
  Tuskegee University
(9:40 AM - 10:15 AM)
• **NFkB Controls Twist2 in Esophageal Squamous Cancer**
  Douglas Stairs, PhD
  Penn State College of Medicine

(10:15 AM - 10:50 AM)
• **Selective Autophagy in Mammary Carcinoma Differentiation and Metastasis**
  Jayanta Debnath, MD
  University of California, San Francisco

(10:50 AM - 11:25 AM)
• **Epithelial-Mesenchymal Plasticity in Carcinoma Metastasis**
  Jing Yang, PhD
  University of California, San Diego Cancer Center

**Minisymposium: Go With The Flow: Cardiovascular Biology and Pathology**
(8:30 AM - 11:30 AM)
**CME Hours: 0.0**
San Diego Convention Center, Session Room 4
Chairs: D. Karunakaran, University of Ottawa Heart Institute and T. Kyriakides, Yale University
  • Abstract-driven Short Talks (15 minutes each)

**XVIIIth Annual Workshop on Graduate Education in Pathology: Wellness for Students and Faculty**
(11:45 AM - 1:45 PM)
**CME Hours: 1.5**
San Diego Marriott Marquis & Marina Hotel, Marina Ballroom, Salon G *(Registration Required)*
Sponsored by the ASIP Education Committee and the Association of Pathology Chairs
Chairs: R. Mitchell, Brigham & Women’s Hospital and B. Ducatman, Oakland University
  (11:50 AM - 12:05 PM)
  • **Lessons Learned from Wellness Programs in Residency and Clinical Fellowships**
    Wesley Naritoku, MD, PhD
    University of Southern California
  (12:05 PM - 12:20 PM)
  • **Wellness in Research Training Programs**
    Alana Iglewicz, MD
    University of California, San Diego
  (12:20 PM - 12:35 PM)
  • **Concepts in Wellness and Mindfulness in Training Programs**
    Rhonda Mason, PhD, LCSW, ACC, BCIA
    San Diego, CA
  (12:35 PM - 1:45 PM)
  • Q & A

**Blood Vessel Club™: Inflammation, Survival, and Death in Atherosclerosis**
(2:00 PM - 5:00 PM)
**CME Hours: 3.0**
San Diego Convention Center, Session Room 2
Chairs: J. Homeister, University of North Carolina at Chapel Hill and D. Karunakaran, University of Ottawa Heart Institute
  (2:00 PM - 2:45 PM)
  • **Inflammation and Human Atherosclerosis**
    James Stone, MD, PhD
    Massachusetts General Hospital
(2:45 PM - 3:30 PM)
•  **Understanding Atherosclerosis Using Genetic Approaches in Mice**  
  Aldons Lusis, PhD  
  University of California, Los Angeles

(3:30 PM - 4:15 PM)
•  **RIP Kinases in Cardiometabolic Diseases**  
  Denuja Karunakaran, PhD  
  University of Ottawa Heart Institute

(4:15 PM - 5:00 PM)
•  **Regulation of T Cells in Cardiovascular Disease**  
  Andrew Lichtman, MD, PhD  
  Brigham & Women's Hospital

**Breast Cancer and Gene Regulation Workshop: Role of Chromatin Landscape in Cancer Causation and Treatment [In Conjunction with the Molecular and Cellular Basis of Cancer Program]**  
(2:00 PM - 5:00 PM)

**CME Hours: 0.0**
San Diego Convention Center, Session Room 3

Chairs: P. Iannaccone, Northwestern University, D. Williams, University of North Carolina at Chapel Hill, and Q. Yan, Yale School of Medicine

(2:00 PM - 2:30 PM)
•  **Transcription-Based Approaches to Identify Regulatory Networks in Cancer**  
  Michael Green, MD, PhD  
  University of Massachusetts Medical School

(2:30 PM - 3:00 PM)
•  **Chromatin Regulation of p53 in Cancer**  
  Shannon Lauberth, PhD  
  University of California, San Diego

(3:00 PM - 3:30 PM)
•  **Long-Range Chromatin Interactions in the Mammalian Genome**  
  Bing Ren, PhD  
  University of California, San Diego

(3:30 PM - 4:00 PM)
•  **Targeting Gene Transcription in Cancer**  
  W.L. Kraus, PhD  
  University of Texas Southwestern Medical Center

•  Abstract-driven Short Talks (15 minutes each)

**Minisymposium: Mechanisms of Neurological Disease**  
(2:00 PM - 5:00 PM)

**CME Hours: 0.0**
San Diego Convention Center, Session Room 4

Chair: W. Tourtellotte, Cedars Sinai Medical Center and J. Otero, The Ohio State University

•  Abstract-driven Short Talks (15 minutes each)
Minisymposium: Metabolism and Disease: From Mitochondria and mTOR to Malignancy [In Conjunction with the Molecular and Cellular Basis of Cancer Program]
(2:00 PM - 5:00 PM)
CME Hours: 0.0
San Diego Convention Center, Session Room 5-A
Chairs: E. Whitley, University of Texas MD Anderson Cancer Center and R. Mitchell, Brigham & Women's Hospital
  • Abstract-driven Short Talks (15 minutes each)

HCS Council Meeting
(5:00 PM - 9:00 PM)
CME Hours: 0.0
Greystone Steakhouse (By Invitation Only)
658 5th Avenue, San Diego, CA 92101

EB-Wide Tang Lecture
(6:00 PM - 7:00 PM)
CME Hours: 0.0
San Diego Convention Center, Ballrooms 20-A, B, C
  • Harnessing Nature’s Diversity for Gene Editing and Beyond
    Feng Zhang, MD
    McGovern Institute for Brain Research, Departments of Brain and Cognitive Sciences and Biological Engineering, MIT

AJP Editorial Dinner
(6:30 PM - 9:30 PM)
CME Hours: 0.0
San Diego Marriott Marquis & Marina Hotel, Palomar Room (By Invitation Only)
Editor-in-Chief: M. Furie, Stony Brook University

EB-Wide Reception
(7:30 PM - 8:30 PM)
CME Hours: 0.0
San Diego Convention Center, Sails Pavilion (Open to All Attendees)

Committee for Career Development and Diversity Workshop and Breakfast: Mentor/Mentee Relationship: A Two-Way Street
(7:00 AM - 8:15 AM)
CME Hours: 1.0
San Diego Marriott Marquis & Marina Hotel, Marina Ballroom, Salon F (Registration Required)
Sponsored by the ASIP Committee for Career Development and Diversity
Chairs: M. Preziosi, University of Pittsburgh and V. Contreras-Shannon, St. Mary’s University
  (7:00 AM - 7:15 AM)
  • Introduction of Mentor/Sponsor/Mentee Dynamics by the Moderator
    Cecelia Yates, PhD
    University of Pittsburgh School of Nursing

SUNDAY, APRIL 22, 2018
(7:15 AM - 7:45 AM)
• 10 Minute Panel Discussions: Panelists will introduce themselves followed by Q & A session:
  • Diane Bielenberg, PhD (MENTEE)
    Harvard Medical School, Children's Hospital
  • Patricia D'Amore, PhD (MENTOR)
    Schepens Eye Research Institute
  • Traci Parry, PhD (MENTEE)
    University of North Carolina at Chapel Hill
  • Monte Willis, MD, PhD, MBA (MENTOR)
    University of North Carolina at Chapel Hill
  • Morgan Preziosi, PhD (MENTEE)
    University of Pittsburgh School of Medicine
  • Satdarshan (Paul) Singh Monga, MD (MENTOR)
    University of Pittsburgh School of Medicine

(7:45 AM - 8:15 AM)
• Concluding Remarks by the Moderator
  Cecelia Yates, PhD
  University of Pittsburgh School of Nursing

Pathobiology Course for Research Scientists: Infectious Pathogens and Cancer [In Conjunction with the Molecular and Cellular Basis of Cancer Program]
(8:30 AM - 11:30 AM)
CME Hours: 3.0
San Diego Convention Center, Session Room 2
Sponsored by the ASIP Education Committee
Chairs: W. Coleman, American Society for Investigative Pathology and D. Bielenberg, Boston Children's Hospital

(8:30 AM - 9:15 AM)
• Role of MyD88 in Helicobacter Infection-Driven Gastric Carcinogenesis
  Marygorret Obonyo, PhD
  University of California, San Diego

(9:15 AM - 10:00 AM)
• Human Papillomavirus in Oropharyngeal Cancer
  Kathryn Gold, MD
  University of California, San Diego

(10:00 AM - 10:45 AM)
• Viral Mechanisms in Primary Liver Cancer
  Satdarshan (Paul) Singh Monga, MD
  University of Pittsburgh School of Medicine

(10:45 AM - 11:30 AM)
• Hepatitis C Virus Vaccine Development
  Mansun Law, PhD
  Scripps Research Institute
Liver Pathobiology Workshop: Hepatobiliary Disease  
(8:30 AM - 11:30 AM)  
**CME Hours: 3.0**  
San Diego Convention Center, Session Room 3  
Chair: K. Nejak-Bowen, University of Pittsburgh  
(8:30 AM - 9:00 AM)  
- **Adiponectin-FGF15/19 Signaling in Alcoholic Fatty Liver Disease**  
  Min You, PhD  
  Northeast Ohio Medical University  
  (9:00 AM - 9:30 AM)  
- **Neuroendocrine Regulation of Biliary Damage and Liver Fibrosis**  
  Gianfranco Alpini, PhD  
  Texas A&M Health Science Center  
  (9:30 AM - 10:00 AM)  
- **Polyploid Hepatocytes in Liver Injury and Repair**  
  Andrew Duncan, PhD  
  University of Pittsburgh  
  (10:00 AM - 10:30 AM)  
- **Bile Acids and Sphingosine-1 Phosphate Receptor 2 in Cholestatic Liver Injury**  
  Huiping Zhou, PhD  
  Virginia Commonwealth University  
  (10:30 AM - 11:00 AM)  
- **Mechanisms Underlying Fatty Liver Disease**  
  Jacquelyn Maher, MD  
  University of California, San Francisco  
  (11:00 AM - 11:30 AM)  
- **Endogenous Mechanisms Limiting Liver Fibrosis**  
  Chandrashekhar Gandhi, PhD  
  Cincinnati Children’s Hospital Medical Center  

VAMP Symposium: Inflammation, Immunopathology, and Mucosal Disease Mechanisms  
(8:30 AM - 11:30 AM)  
**CME Hours: 3.0**  
San Diego Convention Center, Session Room 4  
Chairs: A. Nusrat, University of Michigan and F.W. Luscinskas, Brigham & Women’s Hospital  
(8:30 AM - 9:10 AM)  
- **Monocyte Subsets in Cancer Metastasis**  
  Catherine Hedrick, PhD  
  La Jolla Institute for Allergy and Immunology  
  (9:10 AM - 9:50 AM)  
- **Microbiome and Immune Function**  
  Nicholas Lukacs, PhD  
  University of Michigan  
  (9:50 AM - 10:30 AM)  
- **Understanding CD47 – SIRPa Interaction in Adaptive Immune Cell Function**  
  Francis (Bill) Luscinskas, PhD  
  Brigham & Women’s Hospital
(10:30 AM - 11:10 AM)
- **Annexin A1 Paradigm in Resolving Inflammation and Promoting Repair**
  Mauro Perretti, PhD
  Queen Mary University of London, United Kingdom
(11:10 AM - 11:30 AM)
- **The Unfolded Protein Response Regulator, ATF6, Promotes Mesodermal Differentiation**
  Heike Kroeger, PhD
  University of California, San Diego

**ASMB Lecture** [In Conjunction with the Minisymposium: The Matrix Reloaded: Mediators of Deposition and Remodeling]
(8:30 AM - 9:30 AM)
**CME Hours: 0.0**
San Diego Convention Center, Session Room 5-A
Sponsored by the American Society for Matrix Biology
  - **Engineering the Extracellular Matrix: Tools and Technologies for Disease Modeling**
    Adam Engler, PhD
    University of California, San Diego

**Minisymposium: The Matrix Reloaded: Mediators of Deposition and Remodeling**
(8:30 AM - 11:30 AM)
**CME Hours: 0.0**
San Diego Convention Center, Session Room 5-A
Chairs: T. Kyriakides, Yale University and Z. Johnson, University of Pittsburgh
(8:30 AM - 9:30 AM)
  - **Engineering the Extracellular Matrix: Tools and Technologies for Disease Modeling**
    Adam Engler, PhD
    University of California, San Diego
  - Abstract-driven Short Talks (15 minutes each)

**Meet and Greet the ASIP Executive Officer, William Coleman, PhD**
(11:30 AM - 12:30 PM)
**CME Hours: 0.0**
San Diego Convention Center, ASIP Lounge (Adjacent to the ASIP Posters), Exhibit Hall C

**ASIP Poster Viewing**
(11:45 AM - 12:45 PM)
**CME Hours: 0.0**
San Diego Convention Center, Exhibit Hall C
  - Neuropathology
  - Breaking Bad: Consequences of Liver Injury
  - Biobanking, Epidemiology, Bioinformatics, and Biocomputational Pathology
  - Environmental and Toxicological Pathology

**XVIIIth Annual ASIP/AAA Career Development and Mentoring Program and Lunch: The IDP: Highway to Success**
(11:45 AM - 1:45 PM)
**CME Hours: 1.5**
San Diego Marriott Marquis & Marina Hotel, Marina Ballroom, Salon F (Registration Required)
Sponsored by the ASIP Committee for Career Development and Diversity and the American Association of Anatomists
Chairs: A. Duncan, University of Pittsburgh and N. Rutledge, Northwestern University
• Introduction to the Individual Development Plan
  Andrew Duncan, PhD
  University of Pittsburgh
  Nakisha Rutledge, BSc
  Northwestern University

(12:00 PM - 12:30 PM)
• How to Write, Revise, and Adapt Your Most Effective IDP
  Elaine Bearer, MD, PhD
  University of New Mexico Health Science Center

(12:30 PM - 1:00 PM)
• Testimonials: Senior Trainees Share Personal Experiences with their IDP (10 minutes each)
  • Nakisha Rutledge, BSc
    Northwestern University
  • Zariel Johnson, PhD
    University of Pittsburgh
  • Chad Walesky, PhD
    Brigham & Women's Hospital/Harvard Medical School

(1:00 PM - 1:40 PM)
• Interactive Table Sessions (Attendees will rotate through tables hosted by mentors who will help attendees write their first IDP or edit/improve an existing IDP)

(1:40 PM - 1:45 PM)
• Wrap-Up
  Andrew Duncan, PhD
  University of Pittsburgh

The JHC Meet the Editor Session
(12:00 PM - 1:00 PM)
CME Hours: 0.0
San Diego Convention Center, Booth #320

Meet and Greet the ASIP AJP Editor-in-Chief, Martha Furie, PhD
(1:00 PM - 2:00 PM)
CME Hours: 0.0
San Diego Convention Center, ASIP Lounge (Adjacent to the ASIP Posters), Exhibit Hall C

Molecular and Cellular Basis of Cancer Symposium: Cellular Adaptive Response in Tissue Injury, Tumorigenesis, and Cancer Progression
(2:00 PM - 5:00 PM)
CME Hours: 3.0
San Diego Convention Center, Session Room 2
Chairs: W.X. Ding, University of Kansas Medical Center and L. Wang, University of Connecticut

(2:00 PM - 2:30 PM)
• Role of p62 in NASH-Mediated Liver and Pancreatic Tumorigenesis
  Michael Karin, PhD
  University of California, San Diego

(2:30 PM - 3:00 PM)
• Autophagy and mTOR in Liver Tumorigenesis
  Wen-Xing Ding, PhD
  University of Kansas Medical Center
(3:00 PM - 3:30 PM)
• Role of SHP2/PTPN11 in Liver Metabolism and Tumorigenesis
  Geng-Sheng Feng, PhD
  University of California, San Diego

(3:30 PM - 4:00 PM)
• Mitochondria Metabolic Reprogramming in Hepatic Apoptosis and Injury
  Li Wang, PhD
  University of Connecticut

(4:00 PM - 4:30 PM)
• ER Stress in Pancreatitis
  Aurelia Lugea, PhD
  University of California, Los Angeles

(4:30 PM - 5:00 PM)
• Mitochondrial Stress in Drug-Induced Liver Injury
  Neil Kaplowitz, MD
  University of Southern California

**Presidential Symposium: Inflammation Knows No Borders**
(2:00 PM - 5:00 PM)
**CME Hours: 3.0**
San Diego Convention Center, Session Room 3
Chair: D. Remick, Boston University School of Medicine

(2:00 PM - 3:00 PM)
• Host — Pathogen Interactions in the Nematode C. elegans
  Emily Troemel, PhD
  University of California, San Diego

(3:00 PM - 4:00 PM)
• Mild Traumatic Brain Injury Augments Innate Immunity
  Daniel Remick, MD
  Boston University School of Medicine

(4:00 PM - 5:00 PM)
• Decoding Novel Resolution Mediators & Mechanisms in Infectious Inflammation and Tissue Regeneration [Rous-Whipple Award Lecture]
  Charles Serhan, PhD
  Brigham & Women's Hospital

**ASIP Rous-Whipple Award Lecture [In Conjunction with the Presidential Symposium: Inflammation Knows No Borders]**
(4:00 PM - 5:00 PM)
**CME Hours: 0.0**
San Diego Convention Center, Session Room 3

• Decoding Novel Resolution Mediators & Mechanisms in Infectious Inflammation and Tissue Regeneration
  Charles Serhan, PhD
  Brigham & Women's Hospital
**Minisymposium: Molecular Basis of Chronic Liver Injury**
(2:00 PM - 5:00 PM)
**CME Hours: 0.0**
San Diego Convention Center, Session Room 4
Chairs: M. Lauda Tomasi, Cedars Sinai Medical Center and T. Pradhan, University of Pittsburgh
- Abstract-driven Short Talks (15 minutes each)

**Minisymposium: Breast Cancer: Pathogenesis and Pathways to Therapy [In Conjunction with the Molecular and Cellular Basis of Cancer Program]**
(2:00 PM - 5:00 PM)
**CME Hours: 0.0**
San Diego Convention Center, Session Room 5-A
Chairs: S. Ando, University of Calabria, Italy and G. Robichaud, Atlantic Cancer Research Institute
- Abstract-driven Short Talks (15 minutes each)

**The HCS Business Meeting, Awards Presentations, and Reception**
(6:00 PM - 8:00 PM)
**CME Hours: 0.0**
Horton Grand Hotel
311 Island Avenue, San Diego, CA 92101

**ASIP President’s Reception**
(6:30 PM - 9:30 PM)
**CME Hours: 0.0**
San Diego Marriott Marquis & Marina Hotel
Marriott Grand Ballroom 3 *(By Invitation Only)*

**HCS Symposium: Imaging Biometals in Disease**
(8:30 AM - 10:30 AM)
**CME Hours: 0.0**
San Diego Convention Center, Session Room 2
*Sponsored by the ASIP Immunohistochemistry & Microscopy Scientific Interest Group and the Histochemical Society*
Chair: M. Barroso, Albany Medical Center

(8:30 AM - 9:10 AM)
- *Three-Dimensional Primary Enteroids as an Experimental System to Study Copper Homeostasis in the Intestine*
  Svetlana Lutsenko, PhD
  Johns Hopkins University
(9:10 AM - 9:50 AM)
- *Moving Metals*
  Marianne Wessling-Resnick, PhD
  Harvard School of Public Health

**MONDAY, APRIL 23, 2018**
(9:50 AM - 10:30 AM)
• Heme Trafficking from the Ground Up
  Iqbal Hamza, PhD
  University of Maryland

Journal of Histochemistry & Cytochemistry Lecture
(10:30 AM - 11:30 AM)
CME Hours: 1.0
San Diego Convention Center, Session Room 2
Sponsored by the ASIP Immunohistochemistry & Microscopy Scientific Interest Group and the Histochemical Society
Chair: S. Hewitt, National Cancer Institute, NIH
  • Targeting Neonatal Fc Receptor (FcRn) to Modulate IgG Dynamics
    E. Sally Ward, PhD
    Texas A&M Health Science Center

Cell Injury Workshop: Tumor-Associated Parallels with Fibrosis [In Conjunction with the Molecular and Cellular Basis of Cancer Program]
(8:30 AM - 10:45 AM)
CME Hours: 3.0
San Diego Convention Center, Session Room 3
Chair: A. Wells, University of Pittsburgh
  (8:30 AM - 9:15 AM)
  • Tumors: The Wounds that Won’t Stop Healing
    Alan Wells, MD, PhD
    University of Pittsburgh
  (9:15 AM - 10:00 AM)
  • Targeting CD109 in Fibrosis and Cancer Metastasis
    Anie Philip, PhD
    McGill University
  (10:00 AM - 10:45 AM)
  • An Evolutionarily Conserved Pathway for Epithelial Repair
    Bogi Andersen, MD
    University of California, Irvine

Minisymposium: Molecular Mechanisms of Leukocyte Trafficking
(8:30 AM - 11:30 AM)
CME Hours: 0.0
San Diego Convention Center, Session Room 4
Chairs: P. Alcaide, Tufts University School of Medicine and D. Sullivan, Northwestern University
  • Abstract-driven Short Talks (15 minutes each)

Minisymposium: Hitting the Bullseye: Targets and Therapies in Carcinogenesis [In Conjunction with the Molecular and Cellular Basis of Cancer Program]
(8:30 AM - 11:30 AM)
CME Hours: 0.0
San Diego Convention Center, Session Room 5-A
Chairs: S. Kumar, National Cancer Institute, NIH and K. Soliman, Florida A&M University
  • Abstract-driven Short Talks (15 minutes each)
Meet and Greet the ASIP AJP Editor-in-Chief, Martha Furie, PhD
(9:00 AM - 10:00 AM)
CME Hours: 0.0
San Diego Convention Center, ASIP Lounge (Adjacent to the ASIP Posters), Exhibit Hall C

Meet and Greet the ASIP Executive Officer, William Coleman, PhD
(11:30 AM - 12:30 PM)
CME Hours: 0.0
San Diego Convention Center, ASIP Lounge (Adjacent to the ASIP Posters), Exhibit Hall C

ASIP Poster Viewing
(11:45 AM - 12:45 PM)
CME Hours: 0.0
San Diego Convention Center, Exhibit Hall C
- Understanding a Broken Heart: Mechanisms of Cardiac Pathology
- Vascular Biology and Pathology: From A (Atherosclerosis) to Z (Lines of Zahn)
- Cancer Pathology, Pathogenesis, and Pathophysiology
- Breast Cancer: Models and Mechanisms

Symposium: The Bridge Between Liver Injury and Regeneration
(2:00 PM - 5:00 PM)
CME Hours: 3.0
San Diego Convention Center, Session Room 2
Chair: U. Apte, University of Kansas Medical Center
(2:00 PM - 2:30 PM)
- Liver Injury and Regeneration: Two Sides of the Same Coin
  Udayan Apte, PhD
  University of Kansas Medical Center
(2:30 PM - 3:00 PM)
- Role of the Coagulation System in Liver Injury and Regeneration
  James Luyendyk, PhD
  Michigan State University
(3:00 PM - 3:30 PM)
- Mechanisms of Liver Regeneration
  George Michalopoulos, MD, PhD
  University of Pittsburgh
(3:30 PM - 4:00 PM)
- Mechanisms of Injury and Regeneration in Fibrotic Livers
  Tatiana Kisseleva, MD, PhD
  University of California, San Diego
(4:00 PM - 4:30 PM)
- The Role of the HDC/Histamine/HR Axis during Biliary Regeneration and Liver Repair
  Heather Francis, PhD
  Texas A&M Health Science Center
(4:30 PM - 5:00 PM)
- Injury – Regeneration Dynamics in NASH
  Ariel Feldstein, MD
  University of California, San Diego
Symposium: Contributions of Inflammation and Gliosis to Neurological Dysfunction  
(2:00 PM - 5:00 PM)  
**CME Hours: 3.0**  
San Diego Convention Center, Session Room 3  
Chairs: C. Kolarcik, University of Pittsburgh and J. Otero, The Ohio State University  
(2:00 PM - 2:45 PM)  
- *Placental Pathology and Brain Inflammation*  
  Mana Parast, MD, PhD  
  University of California, San Diego  
  (2:45 PM - 3:30 PM)  
- *Astrocyte Regulation of Autonomic Function*  
  José Otero, MD, PhD  
  The Ohio State University  
  (3:30 PM - 4:15 PM)  
- *Blood Brain Barrier and Inflammation/Gliosis*  
  Richard Daneman, PhD  
  University of California, San Diego  
  (4:15 PM - 5:00 PM)  
- *Glia Biology*  
  Nikola Allen, PhD  
  Salk Institute

**Minisymposium: Biology and Pathobiology of Epithelial Barriers**  
(2:00 PM - 5:00 PM)  
**CME Hours: 0.0**  
San Diego Convention Center, Session Room 4  
Chairs: A. Ivanov, Cleveland Clinic Foundation and S. Colgan, University of Colorado  
- Abstract-driven Short Talks (15 minutes each)

**Minisymposium: Mechanisms of Injury, Inflammation, and Repair in the Failing Heart**  
(2:00 PM - 5:00 PM)  
**CME Hours: 0.0**  
San Diego Convention Center, Session Room 5-A  
- Abstract-driven Short Talks (15 minutes each)  
Chairs: J. Homeister, University of North Carolina at Chapel Hill and T. Parry, University of North Carolina at Chapel Hill

**ASIP Business Meeting and Awards Presentations**  
(5:15 PM - 6:30 PM)  
**CME Hours: 0.0**  
San Diego Convention Center, Session Room 2

**Mark Sobel Appreciation Reception**  
(6:30 PM - 8:30 PM)  
**CME Hours: 0.0**  
San Diego Convention Center, ASIP Office Corridor
ASIP Cotran Early Career Investigator Award Lecture [In Conjunction with the SCVP Symposium: Non-Conventional Players in Heart Disease]
(8:30 AM - 9:30 AM)
CME Hours: 0.0
San Diego Convention Center, Session Room 2
- T-cell Immune Responses and Cardiotropism in Heart Failure
  Pilar Alcaide, PhD
  Tufts University School of Medicine

SCVP Symposium: Non-Conventional Players in Heart Disease
(8:30 AM - 11:30 AM)
CME Hours: 3.0
San Diego Convention Center, Session Room 2
Sponsored by ASIP and the Society for Cardiovascular Pathology
Chairs: J. Stone, Massachusetts General Hospital and T. Parry, University of North Carolina at Chapel Hill
(8:30 AM - 9:30 AM)
- T-cell Immune Responses and Cardiotropism in Heart Failure [ASIP Cotran Early Career Investigator Award Lecture]
  Pilar Alcaide, PhD
  Tufts University School of Medicine
(9:30 AM - 10:10 AM)
- Cardiomyocytes Initiate Inflammation and Contribute to Remodeling in Non-Ischemic Heart Disease through the Activity of CaM Kinase II
  Joan Heller Brown, PhD
  University of California, San Diego
(10:10 AM - 10:50 AM)
- Differential Cellular Impact of BAR Signaling on Cardiac Function and Repair
  Douglas Tilley, PhD
  Temple University
(10:50 AM - 11:30 AM)
- Mitochondrial Quality Control in Heart Failure
  Asa Gustafsson, PhD
  University of California, San Diego

ACVP-ASIP Symposium: Vector-Borne Diseases: Bridging Scale
(8:30 AM - 11:30 AM)
CME Hours: 3.0
San Diego Convention Center, Session Room 3
Sponsored by ASIP and the American College of Veterinary Pathologists
Chairs: A.S. Davis, Kansas State University and N. Gottdenker, University of Georgia College of Veterinary Medicine
(8:30 AM - 9:15 AM)
- Tissue and Cellular Tropism of Rift Valley Fever Virus in Sheep
  Lieza Odendaal, BVSc (Hons), MSc (Vet Sc)
  University of Pretoria, South Africa
(9:15 AM - 10:00 AM)

- **Virus — Vector — Host Interactions in Vector-Borne Diseases**  
  Barbara Drolet, PhD  
  Arthropod Borne Animal Disease Research Unit, Agricultural Research Service, USDA

(10:00 AM - 10:45 AM)

- **Chagas Disease Transmission in Fragmented Forest Landscapes**  
  Nicole Gottdenker, DVM, MS, PhD, DACVP  
  University of Georgia College of Veterinary Medicine

(10:45 AM - 11:30 AM)

- **Experimental Approaches to Studying Impacts of Global Climate Change on Mosquito-Borne Disease Transmission**  
  Courtney Murdock, PhD  
  University of Georgia College of Veterinary Medicine

**Minisymposium: Pathogenesis of Tissue Inflammation: New Molecules and Mechanisms**  
(8:30 AM - 11:30 AM)

CME Hours: 0.0

San Diego Convention Center, Session Room 4

Chairs: S. Keely, University of Newcastle, Australia and A. Neish, Emory University

- Abstract-driven Short Talks (15 minutes each)

**Minisymposium: Carcinogenesis: Models, Mechanisms, and Modulators [In Conjunction with the Molecular and Cellular Basis of Cancer Program]**  
(8:30 AM - 11:30 AM)

CME Hours: 0.0

San Diego Convention Center, Session Room 5-A

Chairs: S. Oakes, University of California, San Francisco and G. Post, University of Arkansas for Medical Science

- Abstract-driven Short Talks (15 minutes each)

**ASIP Scientific Sleuthing of Human Disease for Undergraduate Students, High School Teachers and Students**  
(9:30 AM - 2:30 PM)

CME Hours: 2.5

San Diego Marriott Marquis & Marina Hotel, Marina Ballroom, Salon G  
**Sponsored by the ASIP Education Committee**

Chairs: K. Nejak-Bowen, University of Pittsburgh and M. Furie, Stony Brook University

- (10:00 AM - 10:25 AM)
  - **Welcome and Introductions**  
    Kari Nejak-Bowen, MBA, PhD  
    University of Pittsburgh

- (10:25 AM - 11:15 AM)
  - **Menacing Microbes: The Threat of Bioterrorism**  
    Martha Furie, PhD  
    Stony Brook University

- (11:15 AM - 11:25 AM)
  - Break

- (11:25 AM - 12:10 PM)
  - **Smoking-Related Lung Disease in 3D: Not Your Standard Lecture**  
    Dani Zander, MD  
    University of Cincinnati Medical Center
• (12:10 PM - 12:40 PM)
  Specimen Viewing
(12:40 PM - 1:30 PM)
• Stem Cells: A Case of Dr. Jekyll and Mr. Hyde
  Satdarshan (Paul) Singh Monga, MD
  University of Pittsburgh School of Medicine
(1:30 PM - 2:30 PM)
• Visit Exhibit Hall in the the San Diego Convention Center

ASIP Poster Viewing
(11:45 AM - 12:45 PM)
CME Hours: 0.0
San Diego Convention Center, Exhibit Hall C
  • Inflammation and Immunopathology
  • Immunohistochemistry, Microscopy, Molecular Methods, and Biomarkers: Stocking the Toolbox to Understand Pathology and Disease
  • Pathogenesis of Infectious Diseases

Lunch and Learn: Science, Statistics and Getting It Right
(11:45 AM - 1:45 PM)
CME Hours: 1.5
San Diego Marriott Marquis & Marina Hotel, Marina Ballroom, Salon F (Registration Required)
Sponsored by the ASIP Education Committee
An interactive lunch session; will include an opportunity for participants to review case vignettes, featuring common problems in scientific research statistics, followed by a presentation and discussion with statistical faculty
  • Danny Milner, MD, MSc (Epi)
    American Society for Clinical Pathology

The JHC Meet the Editor Session
(12:00 PM - 1:00 PM)
CME Hours: 0.0
San Diego Convention Center, Booth #320

ASIP Outstanding Investigator Award Lecture [In Conjunction with the Symposium: What's the Big Deal About Big Data: Mining Molecular Epidemiology for Insights into Pathogenesis]
(2:00 PM - 3:00 PM)
CME Hours: 0.0
San Diego Convention Center, Session Room 2
  • Integrative Immunology-MPE (Molecular Pathological Epidemiology): Frontier for Pathobiological Discovery from Big Data [ASIP Outstanding Investigator Award Lecture]
    Shuji Ogino, MD, PhD
    Brigham & Women’s Hospital, Dana-Farber Cancer Institute, Harvard T.H. Chan School of Public Health and Broad Institute of MIT and Harvard
Symposium: What’s the Big Deal About Big Data: Mining Molecular Epidemiology for Insights into Pathogenesis
(2:00 PM - 5:00 PM)
CME Hours: 3.0
San Diego Convention Center, Session Room 2
Chairs: W. Coleman, American Society for Investigative Pathology and M. Sobel, American Society for Investigative Pathology

(2:00 PM - 3:00 PM)
• Integrative Immunology-MPE (Molecular Pathological Epidemiology): Frontier for Pathobiological Discovery from Big Data
  Shuji Ogino, MD, PhD
  Brigham & Women’s Hospital, Dana-Farber Cancer Institute, Harvard T.H. Chan School of Public Health and Broad Institute of MIT and Harvard
  (3:00 PM - 4:00 PM)
• Divining the ‘Om’ in ‘Omics’: Making Actionable Sense Out of a Mountain of Data
  Arul Chinnaiyan, MD, PhD
  University of Michigan
  (4:00 PM - 5:00 PM)
• Computational Biology and the Microbiome: Predicting Therapeutic Responses to Infectious Assaults
  Georg Gerber, MD, PhD
  Harvard University

SIPMeT Symposium: Immunopathogenesis of Cancer - From Basic Knowledge to Markers for Cancer Diagnosis and Therapeutics
(2:00 PM - 5:00 PM)
CME Hours: 3.0
San Diego Convention Center, Session Room 3
Sponsored by ASIP and the Società Italiana di Patologia e Medicina Traslazionale /Italian Society of Pathology and Translational Medicine
Chair: M. Locati, University of Milan, Italy

(2:00 PM - 3:00 PM)
• Leveraging the Immune System in the War on Cancer
  Donna Hansel, MD, PhD
  University of California, San Diego
  (3:00 PM - 4:00 PM)
• Activation and Biological Properties of Tumor Associated Macrophages
  Massimo Locati, MD
  University of Milan, Italy
  (4:00 PM - 5:00 PM)
• Immune Editing and Surveillance in Breast Cancer
  Jack Bui, MD, PhD
  University of California, San Diego

Minisymposium: Matrix, Mucosa, and Inflammation: An Uneasy Alliance
(2:00 PM - 5:00 PM)
CME Hours: 0.0
San Diego Convention Center, Session Room 4
Chairs: A. Nusrat, University of Michigan and R. Jones, Emory University School of Medicine
• Abstract-driven Short Talks (15 minutes each)
Minisymposium: Liver Regeneration, Cholestatic Injury, and Cancer [In Conjunction with the Molecular and Cellular Basis of Cancer Program]
(2:00 PM - 5:00 PM)
CME Hours: 0.0
San Diego Convention Center, Session Room 5-A
Chairs: S. Glaser, Texas A&M Health Science Center and L. Wang, University of Connecticut
- Abstract-driven Short Talks (15 minutes each)

Club Hepatomania™ Meet the Experts
(5:30 PM - 6:30 PM)
CME Hours: 0.0
San Diego Convention Center, Session Room 5-A
- Xiao-Ming Yin, MD, PhD
  Indiana University School of Medicine
- Gianfranco Alpini, PhD
  Texas A&M Health Science Center

Scientific Interest Group (SIG) Interactive Poster Discussions
(5:30 PM - 7:30 PM)
CME Hours: 0.0
San Diego Convention Center, Ballrooms 20-B, C
Interactive discussions of invited posters representing the SIGs of ASIP