



2018 Annual Meeting
April 21-25, 2018 | San Diego, CA

SCIENTIFIC PROGRAM
Pathobiology at the Cutting Edge:
Disease Mechanisms Driving Prevention, Diagnosis, and Therapy

SATURDAY, APRIL 21, 2018

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***)

SUNDAY, APRIL 22, 2018

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

(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*
Chandrashekar 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 – SIRP α 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

- (11:45 AM - 12:00 PM)
 - *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**)

MONDAY, APRIL 23, 2018

ASIP Town Hall Meeting and Breakfast

(7:00 AM - 8:30 AM)

CME Hours: 0.0

San Diego Convention Center, Session Room 5-A

Chairs: A. Nusrat, D. Remick, and W. Coleman

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

(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
- *Targeting CD109 in Fibrosis and Cancer Metastasis*
Anie Philip, PhD
McGill University
- *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)

- *Glial 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

TUESDAY, APRIL 24, 2018

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

- Cell Death, Injury, and Repair: What Doesn't Kill You, (Potentially) Makes You Stronger
- 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**)

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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