American Society for Investigative Pathology
2011 Annual Meeting at Experimental Biology
April 9-13, 2011
Washington DC (USA)

DEADLINES:
Abstract Submission: November 8, 2010
Trainee Award Applications: November 15, 2010
Early Registration: February 9, 2011
Late-Breaking Abstracts: February 9, 2011
Hotel Reservations: March 4, 2011

www.asip.org/mtgs/eb11
CME Accredited

S U E S T  S O C I E T I E S

American College of Veterinary Pathologists (ACVP)
International Society for Analytical and Molecular Morphology (ISAMM)

International Society for Biological and Environmental Repositories (ISBER)
A Division of ASIP

Società Italiana di Patologia/Italian Pathology Society (SIP)
An Affiliate Member of ASIP

Society for Cardiovascular Pathology (SCVP)
Mark Your Calendars!

We invite you to participate in the American Society for Investigative Pathology 2011 Annual Meeting, to be held in Washington, DC at the at the Walter E. Washington Convention Center from April 9-13, 2011 in conjunction with Experimental Biology 2011.

The program committee has assembled a dynamic scientific program encompassing diverse topics related to basic and translational biology and pathobiology of human disease to be presented by ASIP and guest societies, including the American College of Veterinary Pathologists (ACVP), the International Society for Analytical and Molecular Morphology (ISAMM), the International Society for Biological and Environmental Repositories (ISBER), the Society for Cardiovascular Pathology (SCVP), and the Italian Pathology Society (SIP).

This year’s scientific program includes broad pathobiology topic categories, with presentation formats ranging from symposia and workshops to educational and training sessions. The symposia topics include Antigen Presenting Cells: Conductors of the Mucosal Immune Orchestra, Cancer Genomics and Epigenomics, Cardiac Myocyte Dysfunction in Ischemia and Heart Failure, Compartmentalization of Endothelia Signaling, Hepatic Stem Cells, Inflammation and Disease, Molecular Pathology of Circulating Tumor Cells, Monitoring and Managing: Epithelial Interactions with the Microbiota, Mechanisms of Cellular Stress in Disease, Metabolic Syndrome: Links between Insulin Resistance, Inflammation and Vascular Pathobiology, Microenvironment and Tumor Progression, Regenerative Medicine, Quantitative Imaging of Organisms/Experimental Trends and Stems to GEMS.

Highlights of this year’s program include award lectures on the subjects of wound repair (Cecelia C. Yates), normalization of tumor vasculature (Rakesh K. Jain), molecular pathogenesis of Alzheimer’s disease (Mark A. Smith), and interactions between the vascular and immune system (Jordan S. Pober), as well as the Presidential Symposium, Innate and Adaptive Immunity at the Mucosal Barrier. Additional special interest groups will present workshops, symposia, and networking sessions focused on biophysical pathology, breast cancer, veterinary pathology, and hepatocellular cancer. Finally, in keeping with tradition, the ASIP annual meeting will continue to host the ‘Blood Vessel Club’ and ‘Club Hepatomania.’

A vital component of the program will include abstract-driven minisymposia and poster sessions. Based on ASIP’s strong commitment to support young investigators and trainee members, the program will also include special workshops on career development and presentation skills, and will offer opportunities for trainee members to share their research and receive awards. Your input is vital for the survival and success of this meeting in 2011. I look forward to your ASIP participation and abstract submission.

Asma Nusrat, MD
ASIP Program Chair

For a complete list of abstract topic categories, visit http://www.asip.org/mtgs/eb11/abstracts.cfm

Important Deadlines!

November 8, 2010
- Abstract Submission Deadline
- Deadline to submit abstract and $65 non-refundable abstract processing fee

November 15, 2010
- Deadline for ASIP Awards Applications
  visit www.asip.org/awds/awds.htm for information

February 9, 2011
- Late-Breaking Abstract Submission Deadline
- Deadline for Early Registration. You may register online after this date, however your registration will be at the higher fee.

March 4, 2011
- Deadline for hotel reservations

Registration Rates

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<thead>
<tr>
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<th>By Feb 9</th>
<th>After Feb 9</th>
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<tbody>
<tr>
<td>Sponsoring/Participating Society Members*</td>
<td>$260</td>
<td>$335</td>
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<tr>
<td>Nonmembers</td>
<td>$375</td>
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<td>Retired Society Members</td>
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<td>** Graduate Student Members</td>
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<tr>
<td>** Graduate Student Nonmembers</td>
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<tr>
<td>*** Undergraduate Students, High School Students and Teachers On-site registration only - Free</td>
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* Members of ASIP and its guest societies (ACVP, ISAMM, ISBER, SCVP, & SIP) are eligible to register at the “Sponsoring/Participating Society Member” rate.

**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 student 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 and must pay the full member or nonmember rate.

***Undergraduate Students, High School Students and High School Teachers: Registration will not be accepted in advance. To receive complimentary registration on-site, bring a student or teacher ID card or a letter signed by your department head, research advisor, principal or teacher.

Register online:
http://experimentalbiology.org

The registration fee includes entrance to scientific sessions, exhibits, and a copy of the Program. The abstracts will be published online only as part of The FASEB Journal. Additional fees for special Society satellite meeting and social activities may be required.
ASIP Award Application Information & Deadlines

The following awards require submission of an abstract to the 2011 Experimental Biology Meeting. For details on abstract submission, visit: http://www.asip.org/mpgs/eb11/

Abstract Submission Deadline: November 8, 2010

ASIP Experimental Pathologist-in-Training (EPIT) Award and ASIP Experimental Pathologist-in-Graduate Training Award (EPIGT)
The EPIT is a prestigious award presented to an ASIP trainee member who is a postdoctoral fellow (including research and clinical fellows).

The EPIGT is a prestigious award presented to an ASIP trainee member who is a graduate student in a PhD training program, MD/PhD training program or MD training program.

These awards are presented to trainees who have excelled in investigative efforts in studying mechanisms of disease, as evidenced by an abstract submission to the ASIP annual meeting, an extended research report, and a letter of recommendation attesting to the candidate’s role in the work and potential as a biomedical research investigator. The awards each include: a certificate of achievement for the winning abstract presented at the ASIP Annual Meeting Awards Presentation at the Experimental Biology Meeting, a $1,500 honorarium and complimentary meeting registration.

Candidates for the EPIT and EPIGT Awards are also considered for ASIP Merit Awards ($1,250 plus complimentary registration). Each applicant must be a trainee member of ASIP. Prior recipients of the EPIT, EPIGT, and Merit Awards may reapply if the work submitted is clearly distinct from the work previously submitted for their winning application (not just a continuation of the same project). In such cases, the applicants should submit a copy of the previous winning application along with the new application.

Application Deadline: November 15, 2010
Apply online at: www.asip.org/awds/awds.htm

Trainee Travel Awards
To promote the entry of young scientists into the mainstream of the basic science community and to encourage the participation of young investigative pathologists in the Annual Meeting, the American Society for Investigative Pathology is offering a limited number of Trainee Travel Awards of $500 each to offset travel expenses to the Experimental Biology 2011 Meeting. Some of these awards are funded by the A.D. Sobel-ASIP Education Fund. The ASIP Program Committee will select the recipients based on their abstracts. Abstracts will be selected for presentation in either poster sessions or in minisymposia. These abstracts need not be submitted strictly to ASIP categories.

Application Deadline: November 15, 2010
Apply online at: www.asip.org/awds/awds.htm

Minority Trainee Travel Awards
The FASEB Minority Access to Research Careers (MARC) Program has awarded ASIP funding to promote the entry of under-represented minority scientists and minority-serving institutions into the mainstream of the basic science community and to encourage the participation of young investigative pathologists in the Annual Meeting. Successful applicants will be reimbursed up to $1,650 in travel costs associated with conference attendance and participation. These funds are meant to defray lodging, air, ground transportation, and meeting registration.

The ASIP Program Committee will select the recipients based on the scientific abstracts. Abstracts will be selected for presentation in either poster sessions or in minisymposia. These abstracts need not be submitted strictly to ASIP categories. Awardees will be recognized and presented with this award during the ASIP Awards Presentation and Reception at the meeting.

The ASIP Minority Trainee Travel Awards are funded by a grant from the National Institute of General Medical Sciences, National Institutes of Health [FASEB MARC Program: T36-GM08059-28].

Application Deadline: November 15, 2010
Apply online at: www.asip.org/awds/awds.htm

ICPI Trainee Travel Awards
ASIP Trainees are eligible to apply to the Intersociety Council for Pathology Information (ICPI) for $500 travel awards to attend the ASIP Annual Meeting at EB 2011. Applications are available online at www.pathologytraining.org.

Continuing Medical Education (CME)
This activity ("ASIP 2011 Annual Meeting at Experimental Biology 2011") 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 sponsorship of the Federation of American Societies for Experimental Biology (FASEB) and the American Society for Investigative Pathology (ASIP). FASEB is accredited by the ACCME to provide continuing medical education for physicians.

The Federation designates this educational activity for a maximum of 48 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

CME application forms will be available online beginning April 9, 2011 at the ASIP website (www.asip.org). There is a $75 application fee, payable upon submission of the CME application.

Meeting Objective/Target Audience

The objective of the ASIP 2011 Annual Meeting at Experimental Biology 2011 is to increase basic and applied pathology knowledge and to provide a forum for the exchange of new research by scientists and investigators. The meeting is designed to support participants’ educational 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). At the completion of this 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 this field;
3. utilize information and data that lead to improvements in human health

This meeting is targeted to graduate students, postdoctoral fellows, research scientists, clinical practitioners, and medical education professionals.

(continued on page 3...)

American Society for Investigative Pathology (ASIP) 2011 Annual Meeting at Experimental Biology, April 9 - 13, 2011 - Washington DC (USA)
Disclosure Policy

The Federation has implemented a process where everyone who is in a position to influence and/or control the content of a CME activity must disclose all relevant financial relationships with any commercial interest and any conflicts of interest must be resolved prior to the CME activity. The Federation requires that participants of FASEB-sponsored educational programs be informed of an organizer’s and/or a presenter’s (speaker, faculty, author, or contributor) academic and professional affiliation and the existence of any relevant financial relationship a presenter has with any proprietary entity producing health care goods or services consumed by, or used on patients, with the exemption of non-profit or government organizations and non-health care related companies. The intent of this disclosure is not to prevent a speaker from making a presentation. This policy allows the listener/attendee to be fully knowledgeable in evaluating the information being presented.

Disclosure includes any relationship that may bias the planning of the CME activity or may bias one’s presentation or which, if known, could give the perception of bias. These situations may include, but are not limited to: 1) stock options or bond holdings in a for-profit corporation or self-directed pension plan; 2) research grants; 3) employment (full or part-time); 4) ownership or partnership; 5) consulting fees or other remuneration; 6) non-remunerative positions of influence such as officer, board member, trustee, or public spokesperson; 7) receipt of royalties; 8) speaker’s bureau; 9) other. For full-time employees of industry or government, the affiliation listed in the Program will constitute full disclosure.

Sponsors

ASIP wishes to express our appreciation to the following companies and organizations for their generous support of the ASIP 2011 Annual Meeting.

Supported by unrestricted educational grants from:

- ACADEMIC PRESS
- A.D. Sobel - ASIP Education Fund
- ELSEVIER
- ICPI
- illumina
- MARC
- Robert E. Stowell Endowment Fund
Trends in Experimental Pathology: Imaging of Model Organisms/Experimental Trends - “Brave New World”
8:30 AM-5:00 PM
Chairs: John Tomaszewski & Anant Madabhushi
Sponsored by the ASIP Biophysical Pathology Scientific Interest Group

**Presented during the Highlights: Graduate Student Research in Pathology Session**

ASIP Excellence in Science Award Lecture: Turning Off Scarring: Stop “Signals” That Operate During Wound Repair
3:35 PM-3:50 PM
Award Recipient: Cecelia C. Yates, University of Pittsburgh School of Medicine
Supported by an unrestricted educational grant from the A.D. Sobel - ASIP Education Fund

Rous-Whipple Award Lecture: Interactions Between the Vascular and Immune Systems
5:00 PM-6:00 PM
Award Recipient: Jordan S. Pober, Yale University School of Medicine

11th Annual Workshop on Graduate Education in Pathology
11:30 AM - 1:30 PM
Chair: Patrick Brandt
Sponsored by the ASIP Education Committee
Supported by an unrestricted educational grant from Academic Press, An Imprint of Elsevier

Highlights: Graduate Student Research in Pathology
1:30 PM - 4:30 PM
Chair: Edward A. Medina
Sponsored by the ASIP Committee for Career Development, Women & Minorities

This session showcases a selection of oral and poster presentations by students, taken from regular sessions. It provides a view of the research excellence among trainees in Pathology. Scout for a postdoctoral fellow and meet colleagues from other pathology research training programs.

Regenerative Medicine
2:00 PM-5:00 PM
Chairs: George K. Michalopoulos & Sebastiano Andó
Sponsored by ASIP and the Italian Pathology Society

**Presented during the Highlights: Graduate Student Research in Pathology Session**

Homing and Differentiation of Human Progenitor Cells into the Myocardium
Paolo Di Nardo, University of Roma Tor Vergata

Tissue Engineering: A New Perspective for Organ Repair
Elisabetta Cerbai, University of Florence

ASIP 2011 Annual Meeting
Saturday, April 9, 2011

Trends in Experimental Pathology: Imaging of Model Organisms/Experimental Trends - “Brave New World”
8:30 AM-5:00 PM
Chairs: John Tomaszewski & Anant Madabhushi
Sponsored by the ASIP Biophysical Pathology Scientific Interest Group

LabStudio: Investigating Imaging at the Intersection between Biomedicine and Architectural Design
Jennifer Sabin, University of Pennsylvania, and Peter Jones, University of Pennsylvania

Histology: Quantiative Cell Based Analysis of Surgical Pathology Material
Michael Feldman, University of Pennsylvania

Image Modeling for Digital Pathology
Nasir M. Rajpoot, University of Warwick

In situ mRNA Studies in Tissue Sections, Both Frozen and Paraffin, a New Paradigm for mRNA Studies
Arjun Raj, University of Pennsylvania

Advances and Challenges in Bio-image Informatics
B.S. Manjunath, University of California - Santa Barbara

Computer-Assisted Histopathological Image Analysis: Expectations and Challenges
Metin Gurcan, Ohio State University Medical Center

Quantitative Data Fusion for Disease Diagnosis, Prognosis and Theragnosis
Anant Madabhushi, Rutgers University

Quantitative Histological Imaging in Prostate Cancer (HistoCAD)
John Tomaszewski, University of Pennsylvania

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Award Recipient: Jordan S. Pober, Yale University School of Medicine

Jordan S. Pober is Professor of Immunobiology, Pathology and Dermatology and Vice-Chair of the Department of Immunobiology for the Section of Human and Translational Immunology at the Yale University School of Medicine. He received his A.B. degree from Haverford College and his M.D. and Ph.D. degrees from Yale. He did post-doctoral fellowship at Harvard University in biochemistry and Pathology residency at Yale-New Haven Hospital and Brigham and Women’s Hospital. He served as an Assistant and Associate Professor of Pathology at Harvard and Pathologist at Brigham and Women’s Hospital from 1981-1991 before returning to Yale to start a vascular biology program. Dr. Pober is a past chair of the ASIP Program Committee and has served as a Council member. He is a past recipient of the Warner-Lambert/Parke-Davis award from the ASIP. His research interests have focused on how the immune systems and vascular systems interact in both normal host defense and in vascular pathologies with special emphasis on the role such interactions play in the host response to transplanted organ and tissue engineered grafts.
**Sunday, April 10, 2011**

**Career Development Workshop and Breakfast: Transition to Principal Investigator**  
*(Registration Required, see page 9)*

**Chairs:** Ashley G. Rivenbark & Avrum I. Gotlieb  
*Sponsored by the ASIP Committee for Career Development, Women & Minorities and the FASEB Minority Access to Research Careers (MARC) Office*

- Obtaining Your Faculty/Staff Position  
  Avrum I Gotlieb, University of Toronto  
- Achieving a Successful Start up in Your Own Lab  
  Agnes B. Kane, Brown University  
- Applying for Peer Reviewed Funding  
  Jonathon W. Homeister, University of North Carolina  
- Assembling Your Team - Technicians, Trainees, and Postdoctoral Fellows  
  Linda M. McManus, University of Texas Health Science Center

**Obtaining Mucosal Homeostasis and Inflammation: Commensal Epithelial Interaction**  
8:30 AM-11:30 AM  
**Chairs:** Thaddeus Stappenbeck & Andrew S. Neish

**Workshop: Discovery of Molecular Markers and Pathways Through Biobanking**  
8:30 AM-11:30 AM  
**Chairs:** Peter H.J. Riegean & Mark E. Sobel  
*Sponsored by ASIP and the International Society for Biological and Environmental Repositories*

- Genomic Discovery of Adrenal Cancer Markers and Pathways  
  Thomas J. Giordano, University of Michigan  
- Quality Control Systems in Biobanking and Impact on Validity of Research Results  
  Fay Betou, Integrated BioBank of Luxembourg  
- MicroRNAs as Diagnostic Biomarkers of Prostate Cancer  
  William A. LaFramboise, University of Pittsburgh School of Medicine  
- Molecular Genetics and Discovery of Pancreatic Cancer Biomarkers  
  Christine A. Iacobuzio-Donahue, The Johns Hopkins University School of Medicine  
- Advances in Renal Cancer Biomarker and Pathways via Human Biospecimen Research  
  Maria J. Merino, NCI

**11th Annual Career Development Program and Lunch: Fundamental Basics for Success: How to Give Great Presentations**  
*(Registration Required, see page 9)*

**Chairs:** Jayne S. Reuben & Tara Sander  
*Sponsored by the ASIP Committee for Career Development, Women & Minorities, the American Association of Anatomists and the FASEB Minority Access to Research Careers (MARC) Office*

- Thesis defense or job talk coming up? Is navigating your poster presentation similar to stumbling around in a dark maze? Were the slides from your last talk compared to indecipherable hieroglyphics? Are you putting the audience to sleep with your presentations?

Regardless of the career that you choose, the ability to communicate effectively is a necessary skill. For practical advice on improving the two most common methods of scientific delivery, posters and oral presentations, you are invited to attend “Fundamental Basics for Success: How to Give Great Presentations.” This program offers an opportunity for trainees and scientists at all levels to improve their oral and written communication skills. Find out how you can increase the effectiveness of your talks and identify habits that prevent you from getting your point across. Whether your talk is 10 or 45 minutes long, you will leave this session with tools and strategies that will help you prepare your presentation, successfully deliver your message, and engage your audience. You will also gain valuable skills for creating effective posters. In addition, a few lucky participants will have the opportunity to get immediate constructive feedback on their oral presentation skills during our interactive session. Come prepared for an entertaining learning experience in a safe environment that will enhance various aspects of your professional development.

- Introduction and Announcements  
  Jayne S. Reuben, Baylor College of Dentistry  
- Talking Science: Designing and Delivering Successful Oral Presentations  
  Shawn Patrick Mullen, Office of Intramural Training and Education, NIH  
- Creating an Effective Poster Presentation  
  Betsey Wagener, Independent Consultant  
- Interactive Session from Selected Presentations  
  Audience and Presenters  
- Wrap-up and Closing remarks  
  Tara Sander, Children’s Hospital of Wisconsin

**Hepatic Stem Cells: A Blessing or a Curse From Prometheus**  
2:00 PM-5:00 PM  
**Chairs:** Douglas C. Hixson & Dorothy French  
*Sponsored by the ASIP Liver Pathobiology Scientific Interest Group*

- Effect of Aging on the Oval Cell Response and Cholangiocarcinogenesis in Rats  
  Stewart Sell, NYS Dept of Health  
- Microarray Analysis Reveals Signaling Pathways Critical for Hepatic Progenitor Cell Survival and Self-Renewal  
  Dorothy French, Genentech  
- Role of Cell Competition in Mediating Repopulation of the Adult and Aging Liver by Fetal Liver Stem/Progenitor Cells  
  David A. Shafritz, Albert Einstein Col of Medicine
Driving the Cure: Stem Cells as a Vehicle in the Treatment of Hepatic Disease
Bryon E. Petersen, Wake Forest University Baptist Medical Center

Hepatic Stem Cells and Their Progeny
Markus Grompe, Oregon Health Sciences University

Is there a Rubicon for Hepatic Progenitors?
Douglas C. Hixon, Rhode Island Hospital

Antigen Presenting Cells: Conductors of the Mucosal Immune Orchestra
2:00 PM-5:00 PM
Chairs: Timothy Denning & Nicholas W. Lukacs

TBD
Roberto Garofalo, University of Texas Medical Branch
Intestinal Macrophages in Gut Homeostasis and Infection
Phillip D. Smith, University of Alabama at Birmingham

Crosstalk Between Retinoic Acid and TLR Pathways Controls Gut-Specific Dendritic Cell Specialization
J. Rodrigo Mora, Massachusetts Gen Hospital
TBD
Timothy Denning, Emory University

Blood Vessel Club
2:00 PM-5:00 PM

Leukocyte Adhesion to Vascular Surfaces Under Flow
Rodger P. McEver, Oklahoma Medical Research Foundation
TBD
Ingrid H. Sarelius, University of Rochester School of Medicine & Dentistry

Antigen Presenting Cells: Conductors of the Mucosal Immune Orchestra
SUNDAY 5:30 PM-7:30 PM
Chair: S. Paul Monga, University of Pittsburgh
Sponsored by the ASIP Liver Pathobiology Scientific Interest Group

This informal social event is geared towards all ASIP members with an interest in Liver Biology. The program will include a select number of posters that will be chosen for discussion. More importantly, this will be a social networking session and a great opportunity to make new friends or talk to old ones. Another purpose of this session is to bring all the folks who share a passion for liver research under the same roof for additional discussions and an incentive to our new collaborations. Complimentary wine and cheese will be available to all in attendance. We will also highlight the liver specific programs of our next ASIP meeting at EB 2012 in San Diego, CA.

Monday, April 11, 2011
ACVP Symposium: Stems to GEMS
8:30 AM-11:30 AM
Chairs: Wendy G. Halpern & Elizabeth Uhl
Sponsored by ASIP, the American College of Veterinary Pathologists & the American Association of Anatomists

Stem Cell Therapies in Animal Models of Lysosomal Storage Disease
Bruce A. Bunnell, Tulane University Health Sciences Center

ES Cells: Little GEMs of Knowledge
Rani S. Sellers, Albert Einstein College of Medicine

Advanced Imaging Methods to Characterize GEMs
Ruth Sullivan, UW-Madison

Shedding Light on Ubiquitin Modification in Cancer
Dorothy French, Genentech

Liver Workshop: Hepatic Fibrosis and Hepatocellular Cancer: Inevitable Consequences of Chronic Liver Injury
8:30 AM-11:30 AM
Chairs: Arlin B. Rogers & S. Paul Monga
Sponsored by the ASIP Liver Pathobiology Scientific Interest Group

Role of Hypoxia-Inducible Factors in the Development of Liver Fibrosis
Bryan L. Copple, The University of Kansas Medical Center

ß-catenin in Liver Tumorigenesis: Novel Advances in HCC biology
S. Paul Monga, University of Pittsburgh

Sex, Bugs and Toxin Roles in Liver Cancer
Arlin B. Rogers, University of North Carolina

Antifibrogenic Therapy: Targeting Activation of Hepatic Stellate Cells
Marcos Rojkind, George Washington University School of Medicine

Prostaglandin Signaling in Liver Injury and Carcinogenesis
Tong Wu, Tulane University Health Sciences Center

Metabolic Syndrome: Links Between Insulin Resistance, Inflammation, and Vascular Pathobiology
8:30 AM-11:30 AM
Chairs: Jonathan W. Homeister & Peter Lucas

Hyperglycemia-induced Activation of PKC-delta and SHP-1 in Vascular Dysfunction and Retinopathy
George L. King, Joslin Diabetes Center

The Role of Inflammatory Mediators in Insulin Resistance and Endothelial Dysfunction
Cuihua Zhang, University of Missouri

The Role of Insulin in Modulating Macrophage Function and Atherogenesis
Alan Tall, Columbia University

The CARMA3/Bcl10/MALT1 Signalosome as a Mediator of Vascular Dysfunction and Insulin Resistance
Peter Lucas, University of Michigan Medical School

Outstanding Investigator Award Lecture: The Molecular Pathogenesis of Alzheimer’s Disease: Facts and Fictions
11:30 AM-12:30 PM
Award Recipient: Mark A. Smith, Case Western Reserve University
ASIP Veterinary Pathology Scientific Interest Group Lunch/Networking Event

MIDNIGHT 12:30 PM–1:45 PM

Chair: Elizabeth Galbreath & Elizabeth Whitley

Sponsored by the ASIP Veterinary Pathology Scientific Interest Group

Members of the American Society of Investigative Pathology, the American College of Veterinary Pathologists and their graduate students or residents with an interest in Veterinary Pathologists are invited to join members of the ASIP ACVP Symposium Committee in an informal luncheon and networking setting for networking with other ASIP and ACVP members, graduate students and residents with an interest in animal models of disease, veterinary and/or toxicologic pathology. Abstracts/Posters, particularly research submitted in the ASIP Veterinary Pathology or Toxicologic Pathology subcategories, are invited to bring their work to post and share during the session. A complimentary light lunch will be provided for all in attendance.

Presidential Symposium: Innate and Adaptive Immunity at the Mucosal Barrier

2:00 PM-5:00 PM

Leukocyte Recruitment to Mucosal Sites
Paul Kubes, University of Calgary Medical Center

Interplay Between the Mucosal Barrier and Leukocytes
Charles A. Parkos, Emory University

T cells and Mucosal Inflammation
Casey T. Weaver, University of Alabama School of Medicine

Immunoglobulin Class Switching at the Mucosal Interface
Andrea Cerutti, Mt Sinai School of Medicine

ASIP Awards Presentation and Membership Business Meeting
5:00PM - 6:00PM
Chair: Charles A. Parkos

Compartmentalization of Endothelial Signaling

8:30 AM-11:30 AM
Chair: Tanya N. Mayadas & Francis W. Luscinskas

New Windows on TEM: Quantifying and Controlling Rapid GTPase Signaling in living Cells
Klaus Hahn, University of North Carolina, Chapel Hill

Targeting (Lymph)angiogenesis and Lymphatic Metastasis
Kari Alitalo, Biomedicum Inst/University Helsinki

Comprehensive Analysis of Cancer Cell- and Tissue-inhabiting Circulating Tumor Cells

Raymond R. Tubbs, Cleveland Clinic Foundation

The Current and Future Roles of CTC Analysis in the Management of Breast Cancer
Dan Hayes, University of Michigan

Molecular Studies of CTCs in Prostate Cancer
Howard I. Scher, Memorial Sloan-Kettering Cancer Center

Clinical Laboratory Aspects of CTC Monitoring
Herbert A. Fritsche, University of Texas MD Anderson Cancer Center

Pathobiology of CTC: The Role of Circulating Tumor Stem Cells
Jochen Lennerz, Massachusetts General Hospital/ Harvard Medical School

Concluding Comments
Larry DeBault, University of Oklahoma
Rous-Whipple Award Lecture: Normalizing Tumor Vessels and Microenvironment for Cancer Treatment: From Bench to Bedside to Biomarkers
2:00 PM-3:00 PM
Award Recipient: Rakesh K. Jain, Massachusetts General Hospital

Rakesh K. Jain, PhD, is the Andrew Werk Cook Professor of Tumor Biology (Radiation Oncology) in the Department of Radiation Oncology at Harvard Medical School, and the Director of the Edwin L. Steele Laboratory of Tumor Biology at the Massachusetts General Hospital.

Dr. Jain is regarded as a pioneer in the fields of tumor pathophysiology, drug delivery, in vivo imaging, bioengineering and bench-to-bedside translation. He uncovered the barriers to the delivery and efficacy of molecular and nano-medicine in tumors; developed and tested new principles to overcome these barriers for improving treatment of cancer and non-cancerous diseases; and then translated these principles from bench to bedside, and in the process discovered new biomarkers and new strategies to improve the outcome further. His work has fundamentally changed the thinking of scientists and clinicians about how molecularly targeted therapeutics, especially antiangiogenic agents, actually work in animal models and cancer patients, and how to combine them optimally with cytotoxic therapies to improve survival rates in cancer patients.

He is a member of all three US National Academies - the Institute of Medicine (2003), the National Academy of Engineering (2004) and the National Academy of Sciences (2009) – and the American Academy of Arts and Sciences (2005). Further details about Dr. Jain’s research can be found at http://steele.mgh.harvard.edu

Micro Environment and Tumor Progression
3:00 PM-5:00 PM
Chairs: Adriana Albini & Sebastiano Andó
Sponsored by ASIP & the Italian Pathology Society

The Road to Metastasis is Paved with Interactions of Tumor Cells with Their Microenvironment
Isaac P. Witz, Tel Aviv University

Inflammation and Disease
2:00 PM-5:00 PM
Chair: Steven L. Kunkel

Mast Cells at the Interface of Health and disease
Stephen J. Galli, Stanford University Medical Center

In vivo Functions of Human Neutrophil FcγRs in IgG-mediated Inflammation: Analysis in Humanized Mouse Models
Tanya N. Mayadas, Brigham & Women’s Hospital

Dynamic Epigenetic Signatures Dictate the Immune Cell Phenotype
Steven L Kunkel, University of Michigan

Cancer and Inflammation
Stephen C. Peiper, Thomas Jefferson University Medical College

Wednesday, April 13, 2011

Breast Cancer Workshop: Breast Cancer Stem Cells
8:30 AM-11:30 AM
Chairs: Ashley G. Rivenbark & William B. Coleman
Sponsored by the ASIP Breast Cancer Scientific Interest Group
Supported by an unrestricted educational grant from Academic Press, An Imprint of Elsevier

Identification and Biology of Breast Cancer Stem Cells
Wendy Woodward, University of Texas MD Anderson Cancer Center

Regulation of Breast Cancer Stem Cell Fate by MicroRNAs
Bruce A. White, University of Connecticut Health Center

Transcriptional Regulation of Breast Cancer Stem Cell Fate
Pilar Blancafort, University of North Carolina, Chapel Hill

Targeting Stem Cells in the Treatment of Breast Cancer
Stewart Sell, Ordway Research Institute and Wadsworth Center, New York State Department of Health

Monitoring and Managing: Epithelial Interactions with the Microbiota
8:30 AM-11:30 AM
Chairs: Andrew S. Neish & Monte S. Willis

Radical-Free Biology of Oxidative Stress
Dean Jones, Emory University

Roles for ER Stress and the Unfolded Protein Response in Ischemic Heart Disease
Christopher Glembocki, San Diego State University

p97/VCP at the Intersection of the Autophagy and the Ubiquitin Proteasome System
Conrad Christopher Weihl, Washington University

The Role of Metallothionein on Mitochondrial Oxidative Stress in Diabetic Cardiomyopathy
Y. James Kang, University of Louisville
Register online at www.asip.org or Mail/Fax/Email Registration Form by March 18, 2011 to:
American Society for Investigative Pathology
9650 Rockville Pike
Bethesda, MD 20814 (USA)
Phone: 301-634-7130
Fax: 301-634-7990
Email: meetings@asip.org

www.asip.org

After March 18, 2011: Please register onsite - all tickets will be $20

11th Annual Career Development Program and Lunch: Fundamental Basics for Success: How to Give Great Presentations

Sunday, April 10, 2011 - 11:45am - 1:45pm
Walter E. Washington Convention Center, Washington DC
Chaired: Jayne S. Reuben & Tara Sander
Sponsored by the ASIP Committee for Career Development, Women & Minorities, the American Association of Anatomists and the FASEB Minority Access to Research Careers (MARC) Office

Preliminary Program:

Introduction and Announcements
Jayne S. Reuben, Baylor College of Dentistry

Talking Science: Designing and Delivering Successful Oral Presentations
Shawn Patrick Mullen, OD, NIH

Creating an Effective Poster Presentation
Betsey Wagener, Independent Consultant

Interactive Session from Selected Presentations

Wrapper-up and Closing remarks
Tara Sander, Children's Hospital of Wisconsin

Preliminary Program:

Obtaining Your Faculty/Staff Position
Avrum I Gotlieb, University of Toronto

Achieving a Successful Start up in Your Own Lab
Agnes B. Kane, Brown University

Applying for Peer Reviewed Funding
Jonathon W. Homeister, University of North Carolina

Assembling Your Team - Technicians, Trainees, Postdoctoral Fellows
Linda M. McManus, University of Texas Health Science Center

Career Development Workshop and Breakfast: Transition to Principal Investigator
Sunday, April 10, 2011 - 7:00am - 9:00am
Walter E. Washington Convention Center, Washington DC
Chaired: Ashley G. Rivenbark and Avrum I. Gotlieb
Sponsored by the ASIP Committee for Career Development, Women & Minorities and the FASEB Minority Access to Research Careers (MARC) Program

I am registering for the following event(s)

- Career Development Workshop and Breakfast: Transition to Principal Investigator
  Saturday, April 10, 2011 - 7:00-9:00am (FREE Breakfast Included!)
- 11th Annual Career Development Program and Lunch: Fundamental Basics for Success: “How to Give Great Presentations” - Saturday, April 10, 2011 - 11:45 AM-1:45 PM (Lunch Included. FREE for Trainee and student members if registered by March 18, 2011. Please check the appropriate box below)
  - ASIP Trainee & Student Members - FREE
  - AAA Student Members - FREE
  - Faculty/Staff/Other $20.00 - Deadline to pre-register: March 18, 2011

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Gender (Optional Information):
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Submit application and CV to (Please note: Application will not be processed without the submission of a CV):
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