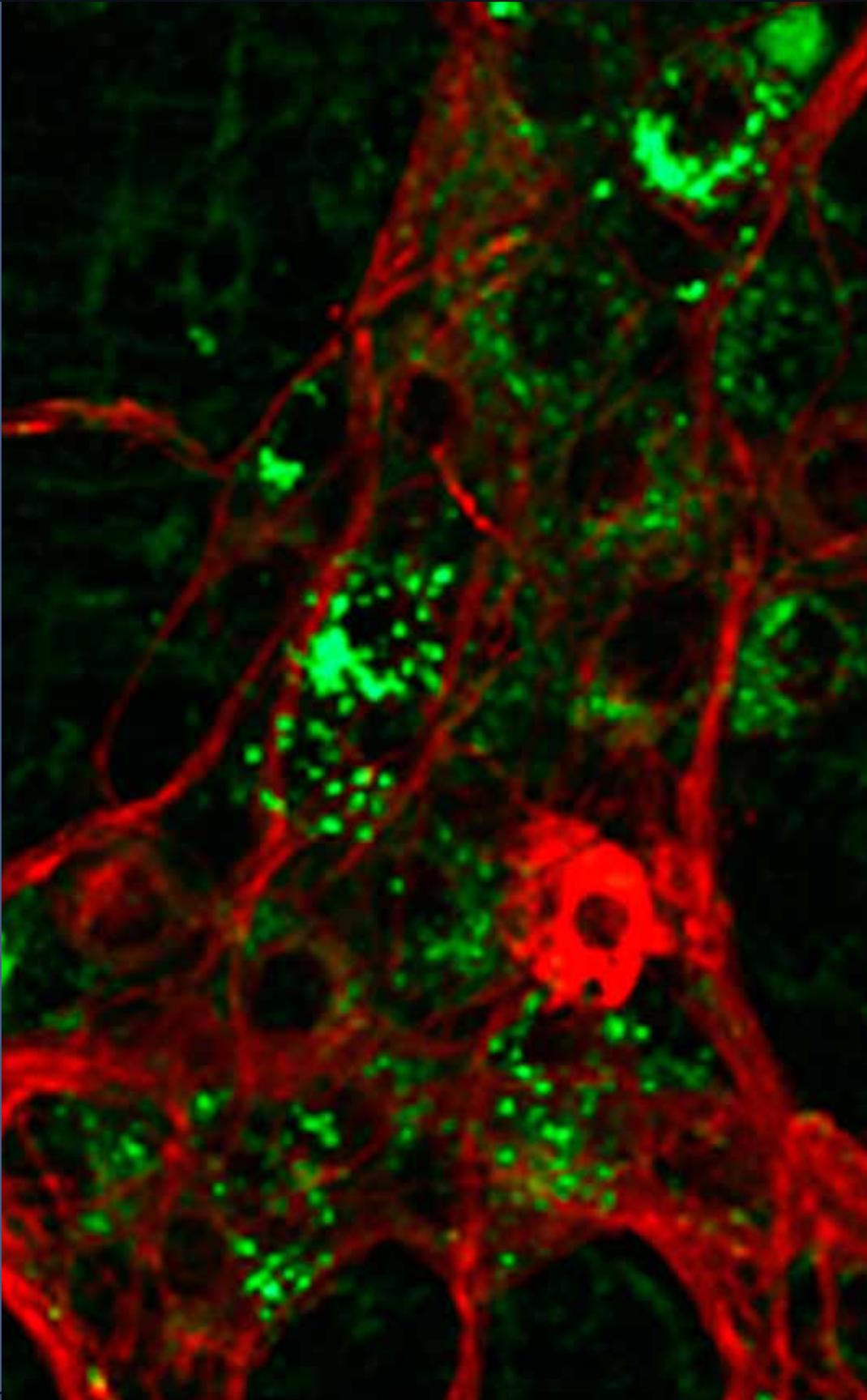




# The Histochemical Society NEWSLETTER

Summer 2013

Vol. 26 No. 2



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Courtesy of *R. Buckinx et al.*,  
JHC 61(6) 421-432, 2013.  
Neuronal expression of transient  
receptor potential vanilloid type 1  
channel in mouse GI tract.

# A Letter to HCS Members....



Dear Members of HCS,

As the Histochemical Society transitions to new leadership with Nancy Sawtell completing her two-year term as President and Charles Frevert starting his two-year term in March, we want to update our members on recent events. This past spring we engaged in two major undertakings promoting the goals of the Society, first educating the scientific community on the application of immunohistochemical techniques, and second, highlighting how these approaches are applied to provide novel insights into biological processes. In March we completed our fourth year of teaching the **Immunohistochemistry and Microscopy Course (IHCM)** at the Marine Biological Laboratories (MBL) at Woods Hole, MA and in April we held our annual meeting at Experimental Biology 2013 (EB2013) in Boston. Below are brief synopses of each of these undertakings.

## **March 9-13th: Immunohistochemistry and Microscopy Course at the Marine Biological Laboratories**

This was the fourth year of the hands-on IHCM course, which was founded and continues to be taught by the HCS but is now managed by the MBL at Woods Hole, MA. This year the course

attracted over 45 applications from which 30 students were chosen and attended the course. We are proud to say that the MBL continues to be impressed by the professionalism of the course and the diverse makeup of the students with 50% of the class being women and 30% minority students. A number of travel awards were provided to students attending the course this year including two from the Histochemical Society and ten from the FASEB MARC (Maximizing Access to Research Careers) Program. Additional information about IHCM 2013 and individuals receiving the HSC and FASEB MARC travel awards can be found later in this newsletter.

Over the past four years the two course directors, Ed Rosa-Molinar and Chuck Frevert have worked with faculty and staff to refine the integration of the lectures with the hands-on laboratory work, as well as to increase access to a number of state-of-the-art imaging platforms. The laboratory portion of the course continues to include chromogenic and fluorescent modules in which students localize glucagon and insulin in pancreas to identify alpha and beta cells within islets of Langerhans. Leica Microsystems provided important additions to the course including tissue processing instrumentation and the Leica Bond. The tissue processing instrumentation introduced students to the proper preparation of tissues samples for immunohistochemistry. The Leica Bond was used to introduce students to automated immunohistochemistry and antigen retrieval.

This is the second year where the four-day experience begins with a “boot camp” that includes lectures on the basics of microscopy and individualized hands-on instruction on the use of the bright field, epifluorescent, wide-field deconvolution, and confocal microscope systems. HCS is especially grateful to Zeiss, Spot Camera, Applied Precision, a GE Health Care Company and FEI for positioning their microscopes at MBL. In addition, these companies provide industry faculty and staff who provide their expertise to teach students the techniques required to capture publication quality images. Key to the interactions between the industry faculty, staff and students is that students obtain hands-on experience with all microscopes to obtain images of the tissues they prepared in the lab portion of the course. In fact, this is what sets us aside from other courses in that students gain critical skills and knowledge with their hands-on experiences in all aspects of the course.

Next year the course will be held at MBL from March 15th to 19th, 2014. More information will be available in the fall newsletter detailing the application process and travel awards available to HCS members whose students attend this course.

HCS returned to Experimental Biology as a guest society of the American Society for Investigative Pathology (ASIP), April 20-24, 2013 for its 64th Annual Meeting. More than 35 HCS members registered for EB2013, and

## A Letter to HCS Members *cont...*



while that was not our best showing at EB, we are working on increasing that number for 2014 with increased sessions geared towards our members. For the future, we ask that all members remember to register as HCS members along with their other society affiliations. Despite the challenges facing Boston during the aftermath of the Marathon bombing, the city served as a gracious host to scientists from around the world congregating for the Experimental Biology (EB) meeting at the Boston Convention and Exhibition Center. HCS members attending EB experienced this remarkable resiliency first hand and joined together with the many attendees to thank and cheer "Boston Strong".

The 2013 *Journal of Histochemistry & Cytochemistry* Lecture at EB was well-attended and exceptional.- **Bjorn R. Olsen**, a scientist and teacher of the highest caliber, enlightened us on the how VEGF regulates differentiation of mesenchymal stem cells. His elegant studies support a novel intracrine role for VEGF in regulating the balance between osteoblast and adipocyte differentiation.

Partnered with the American Society for Investigative Pathology, HCS sponsored an exceptional symposium focused on *Proteoglycans and Disease; a rapidly evolving branch of glycobiology*. Speakers included **Dr. John Couchman** (*Syndecans, signaling and proteinases in breast carcinoma*), **Dr. Joseph Zaia** (*Mass spectrometric profiling of glycosaminoglycans on tissue histological sections*), and **Dr. Charles Frevert** (*Glycosaminoglycans provide fine-tune control of neutrophil migration and activation in lungs*).

HCS members and friends were kept busy with important additional HCS activities including the HCS Business Meeting that included an Awards Ceremony and Poster Competition. This event was lively with superb food and drink (thanks Meg!). The many attending enjoyed interacting with the awardees, who without exception, have proven themselves dedicated, promising young scientists (see list below). At the HCS Business Meeting a host of awards were presented and are reported in the minutes on pages 18 to 20 of this newsletter. The HCS award program is an important and rewarding aspect of the Society's mission

As a guest society of ASIP, HCS members attended the elegant reception and dinner in celebration of ASIP's 100th Anniversary. This was an extremely enjoyable evening held at the Institute of Contemporary Art.

The HCS Annual meeting serves as a face-to-face format for members to discuss and carry out important business for the Society and Journal. Counsel meeting included an extensive agenda and lengthy and productive discussion on issues important to the long-term health of our Society. In short, Bill's advanced worrying became advanced thinking and planning. Despite the seemingly rough seas, our ship sails on steady and we hope into a bright future.

Planning is currently underway for EB2014, which will be held in San Diego this year. Our goal is to make EB2014 an even more memorable event than this past year by increasing opportunities for our HCS members to share their science, develop new collaborations and catch up with friends. Next year we plan to sponsor two symposia featuring advances in live cell imaging and immunohistochemistry and a JHC Lecture. A brief synopsis of the planned symposia and JHC Lecture can be found on page 4 of this newsletter.

The fall newsletter will have further updates and a list of HCS specific activities for EB2014. We hope you will be able to make the trip to San Diego. It is not too early to begin planning for EB2014!

**Chuck Frevert**  
President, HCS

**Nancy Sawtell**  
Immediate Past-President, HCS

HISTOCHEMICAL SOCIETY/ASIP SYMPOSIA AND JHC LECTURE FOR EB2014  
Sunday April 27th, 2014 San Diego Convention Center

## HCS SYMPOSIUM ON LIVE CELL IMAGING (8:30 to 10:30 AM)

### *Advanced Imaging Techniques and Imaging Systems for Live Cell Microscopy*

Speaker: **Dr. Niels de Jonge**, INM-Institute in Saarbruecken, Germany

Title: ***Visualizing Gold Nanoparticle Uptake in Live Cells with Liquid Scanning Transmission Electron Microscopy***

Speaker: **Dr. Hari Shroff**, NIBIB/NIH, Section on High Resolution Optical Imaging

Title: ***Live-Cell Super-Resolution Imaging***

Speaker: **Dr. Scott Fraser**, University of Southern California

Tentative Title: ***Patterning of cell lineages, cell migrations and axonal connections during vertebrate embryogenesis***

## THE JHC LECTURE (10:30 to 11:30 AM)

Speaker: **Dr. Dorit Hanein**, Sanford-Burnham Medical Research Institute

Title: ***Structural Mapping of Force Transmission during Directed Cell Migration; Imaging One Cell at a Time***

## HCS SYMPOSIUM ON EXPERIMENTAL PATHOLOGY (2:00 to 5:00 PM)

### *Unlocking New Tools for Experimental Pathology:*

### *Advances in immunohistochemistry and in situ hybridization*

Speaker: **Dr. Fredrik Ponten**, Department of Genetics and Pathology, Uppsala University

Title: ***Exploration of the human proteome using antibody-based proteomics - Updates on the Human Protein Atlas***

Speaker: **Dr. Amy Bernard**, Allen Institute for Brain Science, Seattle, WA

Title: ***Unlocking the relationships between genes, the brain, behavior, and disease Update from the Allen Institute of Brain Science***

Speaker: **Dr. Stephen J. Smith**, Stanford University

Title: ***Array tomography***

## Calling all HCS Members

### Attending the Neuroscience and/or American Society for Cell Biology Meetings?

HCS will be hosting booths at Neuroscience and the ASCB meetings this year and we need your help. If you are attending either meeting and could dedicate 30 to 60 minutes to HCS, we would appreciate your spending that time with us at the HCS/JHC booth. You would be our "Resident Histochemist" and you would speak with meeting attendees about histochemistry, the Society, or perhaps publishing in JHC. Questions come from well established researchers, first time authors, undergraduates, even high school students, and only histochemists can answer many of them. Consider it a break from the meeting and a chance to be a part time exhibitor, it's often entertaining. If you need more convincing or want to sign up, please contact Meg McGough at [mgm5@uw.edu](mailto:mgm5@uw.edu).

## Scenes from the HCS 2013 IHCM Course



Michael Nelson  
and  
John Lydon



Doug Rosene and students discussing a protocol for a laboratory module

## Scenes from the HCS 2013 IHCM Course

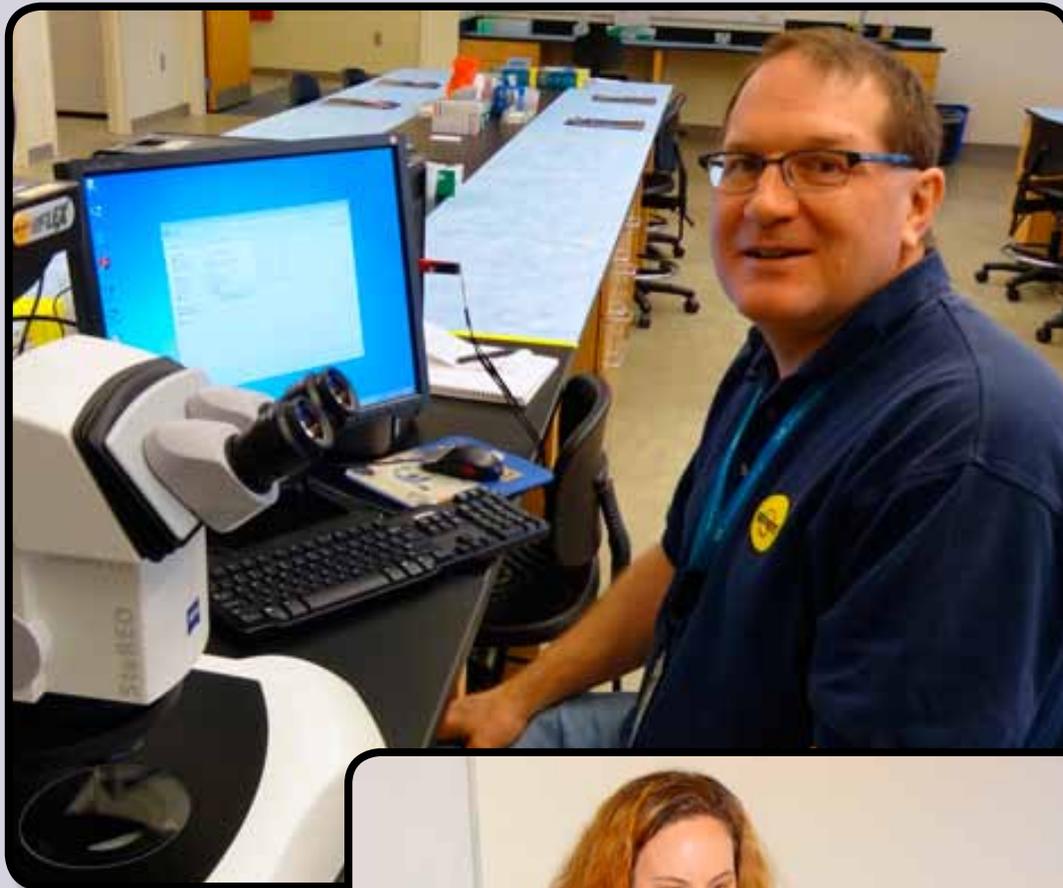


Students at FEI workstation



Jean Brennan working with students in the Zeiss microscope suite

# Scenes from the HCS 2013 IHCM Course



Phil Merlo of Spot Camera



Joy Olotu, Errin Roberts and Debra Snow

## Scenes from the HCS 2013 IHCM Course



Leica Industry Faculty demonstrated the art of tissue sectioning at the IHCM Course

## Students and Faculty at the HCS 2013 IHCM Course Held at the Marine Biological Laboratory



# FASEB News

## How HCS Works with FASEB



**Ed Rosa-Molinar, Howard Garrsion** (Deputy Executive Director, Office of Public Affairs, FASEB) and **Bill Stahl** at recent FASEB Board Meeting in Bethesda

FASEB has a unique structure and approach to public affairs that gives it a distinct advocacy role and enables the Federation to serve as the leading force in shaping federal biomedical research policy. By virtue of its size, diversity, and active relationship with working scientists, FASEB is often sought out by legislators, federal agencies, journalists, and other groups developing programs and policies affecting science.

As a member of FASEB, our Society has membership in a number of standing committees. These committees meet on a regular basis by conference call to discuss relevant issues and to provide recommendations to the FASEB Board of Directors. The Board of Directors and the Executive Officers and most committees meet monthly by conference call. A face-to-face meeting of the Board of Directors is held twice a year, usually in Bethesda, MD.

Our representation on several FASEB committees is as follows:

*cont. next page*

## FASEB News *cont...*

### How HCS Works with FASEB *cont.*

#### **BOARD OF DIRECTORS**

**HCS member: Eduardo Rosa-Molinar**

The Board of Directors has the responsibility for control and general management of all affairs of the Federation. The Board controls and is responsible for all assets of the Federation. It establishes an annual budget and is the corporate authority for FASEB.

#### **EXCELLENCE IN SCIENCE AWARD COMMITTEE**

**HCS member: Nancy Sawtell**

Reviews nominee submissions and makes a recommendation of the recipient to the Board of Directors. The committee advises the Board on the administration of the annual Excellence in Science Award program.

#### **FINANCE COMMITTEE**

**HCS member: Charles Frevert**

Responsible for recommending an annual budget to the Federation Board; safeguards the invested funds of the Federation and recommends an investment policy for the Federation Executive Board. It performs negotiations with duly authorized investment counselors and in all other ways assists the Treasurer.

#### **PUBLICATIONS AND COMMUNICATIONS COMMITTEE**

**HCS member: Denis G. Baskin**

Reviews the use of print and electronic media by FASEB departments, and makes recommendations regarding the use of alternative media in communication and dissemination of information relating to FASEB activities and programs. It directs its attention to The FASEB Journal, the FASEB Directory, and such other publications. It recommends to the Finance Committee an annual budget for all FASEB publications, including but not limited to The FASEB Journal.

#### **SCIENCE POLICY COMMITTEE**

**HCS member: Charles Frevert**

Monitors and advises the President and the FASEB Board of Directors on developments in such public policy issues as the committee, the Public Affairs Committee, or the Board may consider important. The committee advises on the selection and organization of consensus conferences, and develops policy proposals in the interest of biomedical scientists.

#### **EXECUTIVE OFFICERS ADVISORY COMMITTEE**

**HCS member: William Stahl**

This committee, which is comprised of Executive Officers of the 27 constituent FASEB societies, addresses items of mutual interest to the Federation and the member societies. Reports of the monthly meetings are presented at the FASEB Board meetings semi-annually.

## FASEB News *cont...*

### Recently Received from FASEB

#### NIH Sequestration Factsheet

On June 3rd the NIH released a new factsheet (<http://www.nih.gov/news/health/jun2013/nih-03.htm>) summarizing the impact of the sequestration cuts on the agency.

The factsheet notes that sequestration requires NIH to cut five percent (\$1.55 billion) from its fiscal year (FY) 2013 budget and that every area of medical research will be affected. It also discusses the effect of the cuts on the scientific workforce and mentions delays in medical progress. While the data regarding the impact on grants is not new, the factsheet states that approximately 750 fewer new patients will be admitted to the NIH Clinical Center and that there will be no increase in National Research Service Awards stipends in FY 2013.

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#### Non-Federal Sources of Funding

At the recent FASEB Science Policy Committee Meeting on June 2-3, 2013 in Bethesda, a series of talks and discussions centered on the growing need for scientists to consider non-federal sources for funding basic research as well as the need to “retool” approaches for managing research projects to fit into the current fiscal climate.

Sessions were attended by Ed Rosa-Molinar, Chuck Frevert and Bill Stahl.

A detailed report on recommendations can be found on the summary page of the meeting:

<http://bit.ly/17A6l2Z>

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#### FY2014 Appropriations Bill Update

On July 10th the House Commerce, Justice, and Science (CJS) Appropriations Subcommittee held the markup of its FY 2014 appropriations bill (<http://appropriations.house.gov/uploadedfiles/bills-113hr-sc-ap-fy2014-cjs-subcommitteedraft.pdf>). There were no amendments to the draft bill that was released July 9th; the proposed funding level for NSF remains at \$7 billion. This is a \$259 million reduction below the pre-sequester FY2013 enacted level, \$400 million below FASEB’s recommendation (\$7.4 billion) and \$631 million below the President’s budget request (\$7.6 billion).

The mood during the markup was extraordinarily collegial, as Member after Member praised both Chairman Wolf and Ranking Member Fattah for their work on the bill and offered salutes to the departing Congressman from Alabama, Jo Bonner. (Mr. Bonner plans to retire from Congress to become the Vice Chancellor of Government Relations and Economic Development at the University of Alabama System.) Despite supporting the bill, Mr. Fattah described the Subcommittee’s \$47.4 billion allocation as “challenging and deficient in many respects.” The FY 2014 Commerce Justice Science allocation is \$2.8 billion below the 2013 enacted level. For their part, Chairmen Smith and Rogers took the opportunity to highlight the need to address the mandatory spending side of the budget.

The opening remarks of the Subcommittee Chairman and video of the markup can be found at <http://appropriations.house.gov/calendar/eventsingle.aspx?EventID=341240>. While it has yet to be officially released, the House Full Appropriations Committee is likely to markup the CJS bill on July 17th or 18th. The Senate will also markup its bill next week.

## Upcoming Meetings That HCS and JHC Will Attend

*Our Society has a presence at scientific meetings in order to promote our mission, to help encourage authors to submit their papers to the Journal and to encourage attendance at the the HCS course on Immunohistochemistry and Microscopy. HCS has booths at these meetings which provide collegial sites for both members and perspective members to meet on an informal basis with Society and Journal staffs as well as with members of the HCS Council.*

**ABCRMS:** <http://www.abrcms.org/>

HCS will attend the Annual Biomedical Research Conference for Minority Students (ABRCMS) as a FASEB society exhibitor, showcasing our Immunohistochemistry and Microscopy course at MBL. The meeting will be held at the Gaylord Opryland Resort and Convention Center, November 13-16 in Nashville, Tennessee. If you have students that will be attending ABRCMS, encourage them to stop by our booth, #210 and talk with us about travel awards available for the IHCM course. Both HCS and the FASEB MARC program provide travel grants to attend the course.

**Neuroscience:** <http://www.sfn.org/annual-meeting/neuroscience-2013>

Calling all HCS members and JHC Editorial Board members. For the first time, HCS and JHC will exhibit at Neuroscience, November 9-13, in San Diego, CA and we need HCS members and JHC Editorial Board members help. We want to showcase the Journal to both authors and readers and to highlight the benefits of membership in HCS. HCS members and JHC Ed Board Members, please consider spending an hour or two in the booth, working with HCS/JHC staff to educate Neuroscience attendees about HCS and JHC. Our booth is #3809.

**American Society for Cell Biology:** <http://am.ascb.org/meetings/>

JHC and HCS will again exhibit at ASCB's annual meeting this year in New Orleans, LA. It will be held at the New Orleans Convention Center from December 14-18 (booth number to be announced). We will host an exhibitor tutorial, "Coverslips to Covers: A Microscope to Publication Image Primer" by Jerry Sedgewick on Monday, December 16th at 6:45 PM. We will also be hosting JHC's Editor-in-Chief, John Couchman in our booth as often as his time permits and again, we would welcome HCS members and JHC Editorial Board members in the booth to discuss JHC and HCS with attendees.

*Please consider helping HCS and JHC grow and prosper at these meetings. If you are interested in volunteering at the booth, please contact Meg McGough at [mmcgough@histochemicalsociety.org](mailto:mmcgough@histochemicalsociety.org). And even if you cannot volunteer, please stop by and say hello, we always enjoy seeing*

## Scenes from the HCS 2013 Annual Meeting



**Bjorn Olsen with attendees after his JHC Lecture at EB2013**



**Tanda Jaipean, Denis Baskin and Ed Roa-Molinar at the ASIP Centennial Dinner at the Institute of Contemporary Art in Boston**

## Scenes from the HCS 2013 Annual Meeting

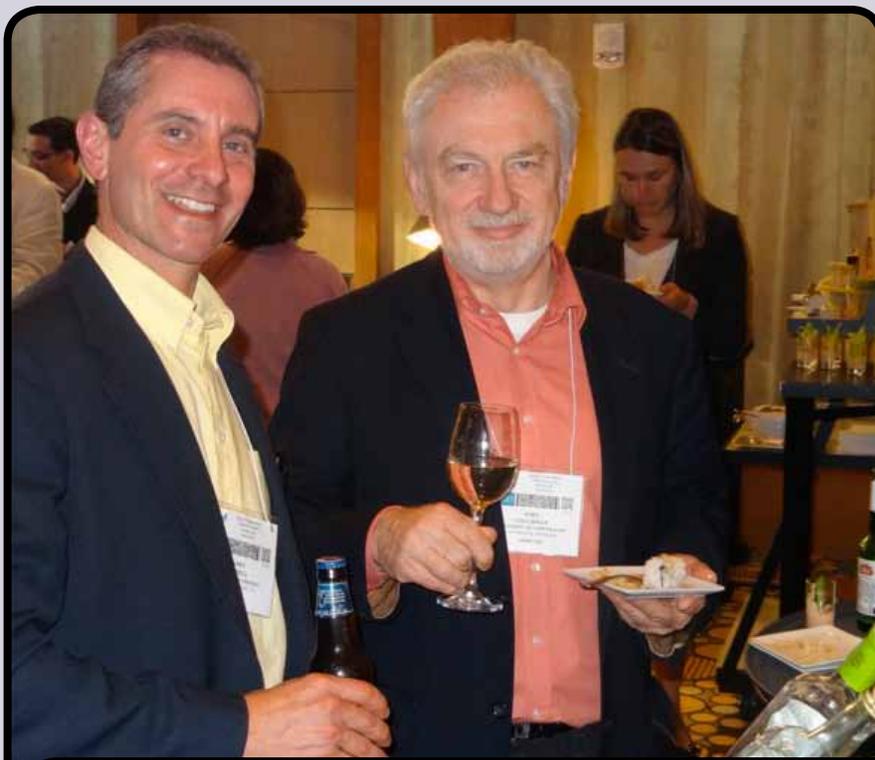


Student recipients of the HCS/ASIP Travel Awards at EB2013



Recipients of HCS Research Scientist and Vector Laboratories Outstanding Young Investigator Awards. T. Prashant Nedungadi and Alejandro Adam with Denis Baskin, Chair of the HCS Awards and Membership Committee

## Scenes from the HCS 2013 Annual Meeting



**Jim Mandell with John Couchman at the HCS Business Meeting and Reception at EB 2013**



**Students discussing posters.**

## Scenes from the HCS 2013 Annual Meeting



Joseph Zaia presented at the HCS/ASIP Symposium on April 23rd



Recipients of Ralph Lillie Awards: Stephanie Brosius and Lafe Peavier with Denis Baskin

# BUSINESS MEETING MINUTES

## THE HISTOCHEMICAL SOCIETY BUSINESS MEETING MINUTES

April 21, 2013, 6-8 PM  
Renaissance Hotel, Atlantic Ballroom A  
Boston, MA

**Attendance** – Officers: President Nancy Sawtell; Past-President Eduardo Rosa-Molinar, President-Elect Charles Frevert; Secretary-Treasurer Margarida Barroso. Councilors: Stephen Hewitt, Paul Goodwin, and Doug Rosene. Editor-in-Chief (*Journal of Histochemistry & Cytochemistry*) John R. Couchman; Executive Editor Denis G. Baskin; Executive Director William Stahl; Marketing Director Meg McGough; Managing Editor and Executive Secretary Tanda Jaipen.

Absent: Councilors Vincent Gattone and Douglas Taatjes.

39 in attendance

1. **Call to Order.** The meeting convened at 6:00PM with the President welcoming HCS Council, Members, and Awardees. Recognition was given to all the outstanding student posters that were being presented. The President also welcomed as guests the HCS-sponsored American Society for Investigative Pathology (ASIP) awardees.

2. **2013 EB / HCS Annual Meeting Report.** President-Elect Charles Frevert announced that the JHC Lecture would be profiling Dr. Bjorn Olsen of Harvard who would be presenting his outstanding research on how vascular endothelial growth factor (VEGF) regulates differentiation of mesenchymal stem cells. HCS also organized a program to continue through Tuesday highlighting Proteoglycans and Disease; Syndecans, Mass Spectrometric Profiling, and Glycosaminoglycans.

He also commented that the HCS-IHCM Course has completed a successful fourth year at the Marine Biological Laboratory in Woods Hole, MA and that it is now officially managed by MBL. He noted that the University of Chicago has announced an agreement to form an affiliation with the MBL and will be managing the institution.

There were 45 applicants to attend the 2013 IHCM Course, 36 were chosen by the HCS Admissions Committee for the course and 30 students ultimately registered and attended. We have also enjoyed consistent corporate support for this course.

Dr. Frevert also noted that some of our prior IHCM Course students are here at our Annual Meeting presenting posters.

3. **Secretary – Treasurer's Report.** Margarida Barroso reported on the financial status of HCS. She stated that the Society is financially healthy, and that management of our investments has been solid despite some market fluctuations. She also noted that the Society would continue its strong outreach and support for travel awards to the IHCM Course and HCS Annual Meeting.

4. **Editor's Report.** The Editor-in-Chief, John R. Couchman, reported on the status of the *Journal*

*cont. next page*

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## BUSINESS MEETING MINUTES *cont.*

*of Histochemistry & Cytochemistry (JHC)*. He is currently surveying the ever-changing trends in publishing and encouraged members to continue to support their journal with submissions of their original research, particularly research that covers the interfacing between cell biology and imaging, and pathology. He noted that this is **JHC's** 60th Anniversary and the Journal continues to remain strong.

Dr. Couchman acknowledged JHC's former Editors, Denis Baskin and Kevin Roth who have been helpful in guiding the journal along these past 15 years. Equally important are the **JHC** and HCS staff Meg McGough and Tanda Jaipean for their work and dedication to the Journal.

**5. Executive Director's Report.** William Stahl reported on the status of the Society. He noted that HCS joined FASEB in 2010 and has enjoyed being involved with the organization. HCS is one of only 26 member societies. FASEB is a strong direct advocate for the scientific community to Congress, and as a member organization it raises the profile of the Society and offers more benefits to HCS members.

Many HCS members have joined committees of FASEB to ensure a voice from our Society.

**6. Awards & Membership Committee Report.** Dr. Baskin welcomed all the current and new members of HCS that were in attendance.

Awards. The 2013 award recipients were recognized and awarded as follows:

HCS Research Scientist:	Alejandro Adam T. Prashant Nedungadi	Albany Medical College University of North Texas
Ralph D. Lillie:	Stephanie Brosius Lafe Timothy Peavler	University of Alabama @ Birmingham University of Alabama @ Birmingham
Vector Outstanding Young Investigators:	Alejandro Adam T. Prashant Nedungadi	Albany Medical College University of North Texas
HCS-Sponsored ASIP Trainees	Stephanie Brosius Steve Cornick Anupam Das Niroop Kaza Christi Kolarcik Hooi Ching Lafe Timothy Peavler Jennifer Sokolwski	University of Alabama @ Birmingham University of Calgary Albany Medical College University of Alabama @ Birmingham University of Pittsburgh University of Copenhagen University of Alabama @ Birmingham University of Virginia

**7. Incoming President Introduction.** Nancy Sawtell introduced Charles Frevert as the new HCS President for a two-year term (2013-2015). She thanked all the Officers, Councilors, Committee members, and HCS staff for all their hard work dedication.

*cont. next page*

## BUSINESS MEETING MINUTES *cont.*

**8. Incoming President's Comments.** Charles Frevert spoke to the members noting that he will work hard to keep JHC strong, the IHCM Course successful, and plan exciting programs for our 2014 and 2015 annual meetings.

**9. Adjournment.** Dr. Frevert adjourned the Business Meeting and invited everyone in attendance to enjoy the reception.

### Your On-line Access to The Journal of Histochemistry & Cytochemistry.

Remember that your HCS membership includes online access to JHC. It only takes a few minutes to activate your JHC subscription. Follow the instructions that follow.

1. Go to the SAGE Journals Online site: <https://online.sagepub.com/cgi/activate/basic>.
2. Where it says "Activate Your Online Subscription:" enter your Member ID then select The Histochemical Society (HCS) from the Society drop down menu and click "Submit."
3. On the "Instructions" page be sure to check your personal data. Enter a username and password and click submit to confirm activation. Do not click the Journal Title link until the confirmation process is complete.
4. Once complete return to the electronic Journal homepage and select the Journal cover for access to the current issue or click "Current Issue."

You will need the username and password you created when returning to the site:  
<http://jhc.sagepub.com/>.

If you forget your username or password go to the "Subscribe" tab on the JHC homepage and look for the link "What to do if you forget your User Name and/or Password" under "Managing your Subscription to Journal of Histochemistry & Cytochemistry" You will be asked to provide some information about yourself. Upon confirmation of the information your username and/or password will be emailed to you.

If you require further assistance, please contact [hcsmembership@faseb.org](mailto:hcsmembership@faseb.org) or contact SAGE directly at [societymember@sagepub.com](mailto:societymember@sagepub.com).

## HCS Committees 2013-2014

### Awards and Membership Committee

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- \* Mark Sanders <msanders@umn.edu>
- \* Jose Serrano-Velez <wassiny@hpcf.upr.edu>
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- \* Stephanie Brosius, <sbrosius@uab.edu>
- \* William Stahl, *ex officio* <wlstahl@uw.edu>
- \* Tanda Jaipean, *ex officio* <tjaipean@uw.edu>

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- \* Nancy Sawtell <sawtn0@cchmc.org >
- \* John Couchman, *ex officio* <johc@uw.edu>
- \* William Stahl, *ex officio* <wlstahl@uw.edu>
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