Message from the Renal Section Chair

Dr Heddwen Brooks

EB2011 was an excellent meeting for the Renal Section. We received a record number of abstracts submitted to our Renal Section topics; we sold out the Renal Dinner in March, with over 220 in attendance. More importantly, when trainees were asked to stand during the Renal Dinner, over a third of the room stood. This bodes very well for the future of our section. Trainee awards were highly competitive this year, we had excellent symposia, featured topics, high quality presentations by our Gottschalk and Young Investigator awardees, and a finale was our first official trainee social that was well attended and fun. Thank you to the outstanding members of the Renal Steering Committee for their excellent efforts all year.

Now we turn to EB2012 in San Diego. Abstracts are due on November 8th, 2011 as are the section and APS award deadlines. I encourage you all to nominate a colleague, a collaborator, a mentor, a lab member. With such a wide array of awards there is something for everybody. There is no better feeling than seeing a person you nominate receive an award.

Renal Dinner 2012
The Renal Dinner will be held on a Monday night again this year, the date is April 23rd. Please keep an eye out for the ticket announcements. The dinner did sell out this year so buy your tickets early.

New Officers
The Renal Section Steering Committee welcomes new officers in 2011. John Lorenz is the Renal Section Representative for the APS Committee on Committees and will serve for three years. There will be an election this year for Treasurer and a JPC representative. If you have any interest in these positions please email me (brooksh@email.arizona.edu)

Call for Nominations – Due November 8, 2011

2012 Robert W. Berliner Award for Excellence in Renal Physiology

The Robert W. Berliner Award for Excellence in Renal Physiology is the most prestigious award of the APS Renal Section. The award recognizes distinguished lifetime achievement in renal physiological research by a living scientist. Candidates must be at least 60 years of age, and must have been a major contributor to the field of renal physiology over a lifetime, including accomplishments in research, teaching, training and activities within the APS. Sponsorship is provided by Abbott Laboratories.
The Renal Section of the American Physiological Society is pleased to announce that the 2012 recipient of the Young Investigator Award for Excellence in Renal Physiology is Dr Núria Pastor-Soler. Núria received her M.D. and Ph.D. degrees from Thomas Jefferson University; her Ph.D. studies were with Dr David Wenger. Núria completed her Nephrology Fellowship at the Brigham and Women's and Massachusetts General Hospital combined training program. Her research training during fellowship was in the laboratories of Drs Sylvie Breton and Dennis Brown. Núria is an Assistant Professor of Medicine and Cell Biology and Physiology at the University of Pittsburgh. In 2009 she was awarded the American Society of Nephrology Carl W. Gottschalk Research Scholar Grant and the New Investigator Award of the Renal Section, American Physiological Society. Her studies focus on the regulation of acid secretion by the V-ATPase in the kidney and in the male reproductive tract. Núria will deliver her presentation titled “Vacuolar H+-ATPase (V-ATPase) Regulation by Kinases in Kidney Intercalated Cells.” in the YIA Featured Topic, Sunday April 22nd at 3:15pm. Photo credit - Josh Franzos

Submit YOUR abstract to the Renal Section YIA Featured Topic 1189-APS:
“Regulation of Transport Proteins in Kidney Intercalated Cells.”
Sunday April 22nd, Room 27 at 3:15pm

This Award recognizes an outstanding young investigator pursuing research in renal physiology, pathophysiology or hypertension. Candidates must be less than 41 years of age or less than 15 years beyond earning their first doctoral degree, and must have published original work in American Journal of Physiology Renal Physiology (or similar journal) during the preceding four years. Candidates will be judged on their nomination letters, funding record and publications.

The recipient will present the Young Investigator Award Lecture, organize/chair a featured topic session, participate in the Renal Section’s Posters and Professors Reception and be recognized at the Renal Dinner during EB 2013.

Nomination materials must be submitted no later than March 31, 2012.
Instructions can be found on-line at:  http://www.the-aps.org/meetings/eb12/awards/renal.htm

Michael Caplan, Ph.D., M.D. will deliver the Gottschalk lecture at EB 2012 in San Diego. Dr Caplan is the CNH Long Professor and Chair of Cellular and Molecular Physiology and Professor of Cell Biology at the Yale University School of Medicine. He is an outstanding renal physiologist whose work has focused on understanding how membrane proteins are sorted to the appropriate cell surface domains of polarized epithelial cells as well as on the trafficking and behavior of the proteins implicated in polycystic kidney disease. We look forward to an enlightening and elegant lecture.

Please join us for the 2012 Carl W. Gottschalk Distinguished Lectureship
Monday April 23rd, Room 24 at 3:30pm
“Playing in Traffic: Sorting and Signaling in Renal Epithelial Cells”
2011 Renal Section Awards
Drs Brooks Robey (Chair) and Volker Vallon (Co-Chair)

The following Renal Section awards were bestowed at Experimental Biology 2011 in April of this year. Congratulations to all!

2011 Renal Section Predoctoral Excellence in Renal Research Award
25 total applicants representing 11 nationalities & 15 primary institutions in 8 countries
Finalists:
• Ryan J. Cornelius (Univ. of Nebraska)
• Vanesa D. Ramseyer (Henry Ford Hospital)
• Lena Rosenbaek (Aarhus University)
• Mohamed A. Saleh (Georgia Health Sciences University)
Winner: Daria Ilatovskaya (Medical College of Wisconsin)

2011 Renal Section Amgen Postdoctoral Excellence in Research Award
30 total applicants representing 17 nationalities & 23 primary institutions in 5 countries
Finalists:
• Lucilia M. A. Lessa (Yale University)
• Agnes Prokai (University of Southern California)
• Lena Scott (Karolinska Institute)
• Lumei Xu (Case Western Reserve Univ.)
Winner: Bernardo Ortega (Univ. of Maryland)

2011 Renal Section Research Recognition Awards
• Michelle Gumz (Univ. of Florida)
• Zhengrong Guan (Georgia Health Sciences University)
• Paul M. O’Connor (Medical College of Wisconsin)
• Prabhleen Singh (University of California, San Diego)

2011 Renal Section New Investigator Award
Mitsi A. Blount (Emory University)

Other Awards to Section Members:
• Water and Electrolyte Homeostasis Section Predoctoral Research Recognition Award - Vanesa D. Ramseyer (Henry Ford Hospital)
• Caroline tum Suden Professional Opportunity Award - Zhen Wang (University of Arkansas for Medical Sciences)
Renal Section Awards Committee

- Robert Fenton - Aarhus
- Jennifer Pluznick - Johns Hopkins
- Mitsi Blount - Emory
- Carolyn Ecelbarger - Georgetown
- James Stockand - UT San Antonio
- Alejandro Chade – Mississippi
- Brooks Robey – Dartmouth (Chair)
- Volker Vallon – UC San Diego (Co-Chair)

Acknowledgement of assistance:

- Pablo Ortiz - Henry Ford (Past Awards Committee Chair)
- Bill Welch – Georgetown (Section Chair)
- Catherine Ohnmacht – APS (Section Administrator)

From the Treasurer

Dr John Imig

Renal Dinner - 2012

WHERE: Sssshhhhh! It’s a secret!
WHEN: Monday, April 23, 2012

Once again we are deep into preparations for our yearly banquet and awards evening. The Renal Dinner is always a highlight of the EB meeting. Be sure to keep your eyes on your inbox for the upcoming announcement. Questions: John Imig, Banquet Organizer: jdimig@mcw.edu; 414-955-4785.

After Dinner Event

Last year’s After-Dinner Event organized by our Trainee Advisory Committee Representative, Rick Grimm was a big success. Plan to stick around after the Renal Dinner in 2012 and again join in the fun!

Greetings from your Trainee Advisory Committee (TAC) Representative! The TAC’s charge is to help APS assist and support trainees (students, postdocs, and junior faculty as well as trainee positions in industry and government). Here are a few highlights from the TAC’s current projects:

- The TAC has developed an award known as the “Early Career Professional Service Award,” for an early career APS member who has made outstanding contributions through professional service. Information on this award can be found at [http://www.the-aps.org/awards/society/earlycareer.htm](http://www.the-aps.org/awards/society/earlycareer.htm). The deadline is January 25, 2012, and the award includes $1000 and complimentary registration for EB. Please considering applying for this award if you are eligible, or forwarding this information to anyone who may be a candidate for this award. For those of you submitting 1st author abstracts, don’t forget to apply for the Amgen Postdoctoral or Predoctoral Excellence in Renal Research Awards. Additionally, many other awards and travel grants are available through APS. A complete list can be found at [http://www.the-aps.org/meetings/eb10/awards/index.htm](http://www.the-aps.org/meetings/eb10/awards/index.htm)

- Please visit the Trainee Web Page ([http://www.the-aps.org/trainees/](http://www.the-aps.org/trainees/)) and sign up for the Trainee Listserv as well as the Renal Listserv. Both the Trainee Web Page and the Trainee and Renal Listservs will keep you up-to-date on information regarding Awards, Job Postings, Mentoring, and other helpful information. Become a fan of American Physiological Society and APS Trainees on Facebook: [www.facebook.com/APSTrainees](http://www.facebook.com/APSTrainees).

Incoming TAC Rep., Vanesa Ramseyer.
- Finally, my term as the Renal Section TAC liaison ends this year, at which point Vanessa Ramseyer will be replacing me. I know she will do an outstanding job for all of us. It has been a pleasure to represent the trainees of the Renal Section.

I am still on the job for the next couple of months, so please feel free to contact me if you have any questions or suggestions. (pgrimm@umaryland.edu).

We had excellent submissions for symposia this year. Some proposals that could not be programmed were held over from EB 2010 to the current year. We are grateful to everyone for their interest and contributions.

**EB 2012 featured topics and symposia will include:**

**Symposia:** The Role of Oxygen Metabolism for the Development of Kidney Disease  
**Chairs:** Fredrik Palm and Pamela Carmines  
**Sunday 10:30am, Room 28B**

**Young Investigator Awardee Núria M. Pastor-Soler,** University of Pittsburgh  
**Featured Topic Title:** Regulation of Transport Proteins in Kidney Intercalated Cells (1189-APS)  
**Lecture:** Vacuolar H⁺-ATPase (V-ATPase) Regulation by Kinases in Kidney Intercalated Cells.  
**Co-Chair:** Snezana Petrovic  
**Sunday 3:15pm, Room 27**

**Symposia:** Pendrin: Hearing, Blood Pressure, Thyroid Function and More  
**Chair:** Susan Wall  
**Monday 10:30am, Room 28B**

**Gottschalk Awardee Michael J. Caplan,** Yale University  
**Lecture Title:** Playing in Traffic: Sorting and Signaling in Renal Epithelial Cells  
**Monday 3:15pm, Room 24**

**Symposia:** Vasopressin-mediated Phosphorylation and Trafficking of Transporters Involved in Urine Concentration  
**Chairs:** Jeff Sands and Mitsi Blount  
**Tuesday 10:30am, Room 26**

Please continue to submit symposium proposals for the EB Meetings. This is a great opportunity to ask for friends, enemies, or scientific competitors to give talks highlighting their work. Everyone gets complementary registration and there are additional funds to help with travel expenses. The process is easy. There is a form available for download at the following website: [http://www.the-aps.org/meetings/eb.htm](http://www.the-aps.org/meetings/eb.htm) Simply send (email) the completed form to one of us. We especially encourage junior investigators to organize these sessions. No grey hair required. Thanks to all!!

**Renal Section Topics for EB 2012**

**Note:** The Renal Section has 2 ABSTRACT-DRIVEN Featured Topics. We fill these with the very best abstracts submitted to the following categories, so submit your finest work here:

1189-APS Regulation of Transport Proteins in Kidney Intercalated Cells  
1190-APS Diabetic renal disease  
1191-APS Hormone and autacoid effects on the kidney
NEWS FROM THE EDITOR
Dr Tom Kleymen

The American Journal of Physiology: Renal Physiology has monthly podcasts that highlight recent work published in the journal. Our podcasts are available on our website. Our most recent podcasts are discussions with Chip Brosius regarding a link between increases in cellular glucose uptake via Glut1 and activation of the mTOR signaling pathway, and with Kumar Sharma regarding the role of the transcription factor USF1 in diabetic kidney disease. In conjunction with AJP: Cell Physiology, we are publishing a series of four review articles that highlight areas of research pioneered by Dale Benos. The first article in this series appears in the October issue of AJP: Renal Physiology.

Our 2010 impact factor remains strong at 3.79. We currently have calls for papers in several different areas, including mathematical modeling of renal function, programming normal renal development and modeling disease pathogenesis, and the biology of the central cilium and cystic diseases of the kidney. We also have a joint call for papers with AJP: Endocrinology and Metabolism on integrative aspects of renal endocrinology. We are issuing a new call for papers in the areas of aldosterone and epithelial Na⁺ channels, to coincide with the APS-sponsored 7th International Symposium on Aldosterone and the ENaC/Degenerin Family of Ion Channels that was held on September 18-22, 2011 at the Alisomar Conference Center.

Over the past three years we have seen an increase in improper figure manipulations in manuscripts submitted to the APS journals, including AJP: Renal Physiology. To learn more about what one should not do when preparing figures for publication in the APS journals, Eric Pesanelli has a presentation on improper figure manipulation that is available at the following website: http://www.the-aps.org/education/profskills/figure%20manipulation/presentation/player.html

Committee on Committees Report
John Lorenz

Representing your Renal Section colleagues on APS Committees is critical for maintaining the vitality of our section and our society. There are 14 committees in need of new membership in the upcoming cycle, and more than 40 vacancies must be filled, including positions for students and post-docs. So please consider entering your name for nomination. A description of the committees, member qualifications, and current roster information can be found at: www.the-aps.org/committees. You will also find a link describing the simple nomination process (www.the-aps.org/committees/nominate.html) as well as a list of vacancies for the upcoming nomination cycle (http://www.the-aps.org/committees/vacancy.htm). If you have submitted your name in the past, but have been disappointed, please resubmit; your patience and perseverance will be rewarded, and it is important to have broad representation within the APS committee structure. The Renal Section is well represented across the APS committees, with 24 representatives currently serving, but there are always important vacancies as members rotate off the committees.
The application takes only a little time and effort: you just need to submit a brief Candidate Form, and one other person must fill out an Endorsement Form. I can do this for you, or you can have a colleague do it for you if they could better highlight your qualifications for a particular committee. The deadline for submitting the forms will be in January 17, 2012 for 2013 committee appointments. Please send both forms electronically to nominations@the-aps.org and to me at john.lorenz@uc.edu. The Committee on Committees meets at Experimental Biology on Saturday morning, and sending your application to me ahead of time ensures that I will be aware of your nominations and can highlight your qualifications to the other section representatives.

This past year the Renal Section had a total of 18 nominees, and 7 were selected by the Committee on Committees and approved by APS Council. Accordingly, well-deserved congratulations are offered to the following members of the Renal Section who were selected:

- **Awards Committee**: Marcela Herrara, Duke University (Trainee Position)
- **Communications Committee**: Prabhleen Singh, UCSD
- **Conference Committee**: Ed Inscho, Georgia Health Sciences University
- **Ray G. Daggs Committee**: William Dantzler, University of Arizona
- **Finance Committee**: Mitsi Blount, Emory University
- **International Committee**: Robert Fenton, Water & Salt Research Center, Denmark
- **Membership Committee**: Minolfa Prieto, Tulane University

Also a special thank-you and congratulations to Jeff Sands, who will be serving another term as Chair of the Finance Committee (2012-2014).

---

**Special Announcement: Pre-EB 2012 Meeting**

“Extracellular Nucleotides and Nucleosides in the Regulation of Kidney Function”

Dear Colleagues,

Encouraged by the success of the pre-ASN 2010 meeting on purinergic regulation of renal functions, we will have a similar one-day meeting on April 20, 2012 in conjunction with the Experimental Biology EB2012 in San Diego, California. This pre-EB2012 meeting on “Extracellular Nucleotides and Nucleosides in the Regulation of Kidney Function” has been approved by the Renal Section of the American Physiological Society as a Special Event of the EB2012 meeting and will be listed in the official program. The program details will be circulated through the mailing lists of various sections of the American Physiological Society.

We have documented all the positive responses received to our first and second call for this meeting, but in case you are not sure you responded just respond to this call. Similar to the first meeting, we plan to provide substantial opportunities for presentation to our younger colleagues.

If you are planning to attend, please let us know as soon as possible by email to vvallon@ucsd.edu and BK.Kishore@hsc.utah.edu.

Best regards, Volker Vallon & BK Kishore

---

**From the APS Science Policy Department**

**Implementation Plans for the new Guide**

NIH and AAALAC, Intl. both use the *Guide for the Care and Use of Laboratory Animals* as a standard for animal care and use programs, but each has different plans for implementing the new 8th edition. Current information on their plans is available at [http://www.the-aps.org/pa/policy/animals/Guide.htm](http://www.the-aps.org/pa/policy/animals/Guide.htm).
Important Dates

November 8, 2011
Abstract deadline for Experimental Biology 2012
Renal Section Award nomination deadlines for Predoctoral Excellence in Renal Research Awards, Postdoctoral Excellence in Research Awards, Research Recognition Awards, New Investigator Award and 2012 Robert W. Berliner Award for Excellence in Renal Physiology.

January 17, 2012
APS Committees nominations due.

January 25, 2012
APS Early Career Professional Service Award nomination deadline.

March 31, 2012
2013 Young Investigator Award and 2013 Carl W. Gottschalk Distinguished Lectureship of the APS Renal Section nomination deadline.

April 21-25, 2012
Experimental Biology 2012, San Diego, CA.

April 23, 2012
Renal Dinner (details to follow).

RENAL SECTION STEERING COMMITTEE

Chair and SAC Representative
Heddwen L. Brooks, Ph.D. (04/11-04/14)
University of Arizona
Email: brooksh@email.arizona.edu

APS Joint Program Committee
David Weiner, Ph.D. (01/09-12/12)
University of Florida
Email: I.David.Weiner@medicine.ufl.edu

Jennifer L. Pluznick, Ph.D. (01/11-12/13)
Johns Hopkins University School of Medicine
Email: jpluznick@jhmi.edu

APS Committee on Committees Representative
John N. Lorenz, Ph.D. (01/12-12/14)
University of Cincinnati
Email: lorenzjn@uc.edu

Awards Committee Chair
Brooks Robey, Ph.D. (Term ends 04/12)
Dartmouth Medical School
Email: brooks.robev@Dartmouth.edu

Awards Committee Co-Chair
Volker Vallon, M.D. (04/10-04/13)
University of California, San Diego VAMC
Email: vallon@ucsd.edu

APS Trainee Advisory Committee Representative
Paul R. Grimm (01/09-12/11)
University of Maryland
Email: pgrimm@umaryland.edu

Vanesa Ramseyer ( Incoming TAC Representative)
Henry Ford Hospital (01/12-12/14)
Email: VRamsey1@hfhs.org

Treasurer
John Imig, Ph.D. (04/09-04/12)
Medical College of Wisconsin
Email: jdimig@mcw.edu

Secretary
Erika I. Boesen, Ph.D. (04/10-04/13)
Georgia Health Sciences University
Email: eboesen@georgiahealth.edu