Message from Renal Section Chairman

We hope to see everyone at the International Union of Physiological Sciences (IUPS) 2005 meeting (March 31 to April 5, 2005, in San Diego, CA). IUPS is being organized by the six member societies of the U.S. National Committee of the IUPS, including APS, the Society for Neuroscience, the Microcirculatory Society, the Society of General Physiologists, the Biomedical Engineering Society and the Society for Integrative and Comparative Biology. It should be an exciting scientific program. Remember to attend the Renal Dinner. The APS renal dinner will be held at the Bristol Hotel, 1055 First Ave., San Diego on April 4.

The Renal Section Steering Committee has been doing an excellent job. Jeffrey Garvin, Ph.D. from Henry Ford Hospital is now serving as Treasurer. In April, Pam Carmines Ph.D. from the University of Nebraska will replace me as Chair. L. Lee Hamm will replace Jeff Garvin as Treasurer. David Ellison will continue as Secretary. P. Darwin Bell from the University of Alabama, Birmingham will be joined by Sue Mulroney from Georgetown for the Program Committee. We thank Bill Welsh for his good work over the past 3 years on the Program Committee. The Awards Committee includes John Imig from The Medical College of Georgia and Hedwenn Brooks from the University of Arizona. Gabriel Navar from Tulane is Senior Physiologist. Renal Section Representative for the Committee on Committees is Roger O’Neil Ph.D. from the University of Texas, Houston. We thank everyone who agreed to run in this year’s election.

From the Editor: Please submit any information for forthcoming issues of the Renal Section Newsletter to me at ellison@ohsu.edu. Any suggestions on changes in format are also welcome.

Susan M. Wall
Chair, Renal Section
JUHA P. KOKKO, M.D. IS THE 2005 RECIPIENT OF THE ROBERT W. BERLINER AWARD FOR EXCELLENCE IN RENAL PHYSIOLOGY SPONSORED BY ABBOTT LABORATORIES

The Renal Section is proud to announce that the 2005 Robert W. Berliner Award for Excellence in Renal Physiology, sponsored by Abbott Laboratories, was given to Juha Kokko, M.D. from Emory University in Atlanta, GA. This award is given to a senior renal physiologist based on his or her lifetime contribution to the field of renal physiology. Dr. Kokko’s research contributions include studies of the mechanism of NaCl and water transport in kidney and their role in the urinary concentrating mechanism. He is also a superb clinician and teacher and has cultivated academic prestige both at UT Southwestern and at Emory. The Berliner award will be presented to Dr. Kokko at the Renal Dinner on April 4, 2005, at the EB 2004 meeting in San Diego.

The Renal Section needs your nominations for the Berliner Award for the April, 2006 meeting. To make a nomination, please send a nominating letter and a copy of the nominee’s CV to Pam Carmines (pcarmines@unmc.edu).

RENAL SECTION AWARDS:

The Renal Section is proud to have the opportunity to support and honor the careers of young investigators and trainees. The number of applicants who submitted their work for Renal Awards increased substantially for the EB 2005 meeting. This year we received abstracts from 28 pre-doctoral students, and 33 from post-doctoral fellows. Finalists will be notified by email early March, and will also be posted on the APS renal list serve.

All applicants who applied are invited to a casual “Meet the Professors” reception sponsored by the APS Renal section on Saturday April 2nd, 5.30-6.30 pm at the Marriott Hotel and Marina, in the Newport Beach room. It will be a great opportunity to meet with the Carl Gottschalk Distinguished Lecturer, Soren Nielsen; the Renal Section Young Investigator, Janos Peti-Peterdi; the APS Renal Section New Investigator and the Berliner Award.

"Recognizing that we have the kind of blood we have because we have the kind of kidneys we have, we must acknowledge that our kidneys constitute the major foundation of our philosophical freedom. Only because they work the way they do has it become possible for us to have bones, muscles, glands and brains. Superficially, it might be said that the function of the kidney is to make urine; but in a more considered view one can say that the kidneys make the stuff of philosophy itself."

Homer Smith
Winner. Mentors please remind your students who applied to attend this reception. We look forward to seeing you there.

Finalists will undergo a second round of evaluation during the presentation of their posters at the EB 2005 meeting. Each day of the meeting, the Renal Section will post a placard in the aisles listing the poster numbers and presentation times for the student and postdoctoral finalists. Awards will be presented during the annual Renal Dinner and each finalist will receive a complimentary ticket to attend and participate in the evening activities. We encourage everyone to drop by the presentations, and to come to the Renal Dinner to support these young investigators.

Heddwen Brooks
Renal Awards Chair

RENAL SECTION PROGRAMMING NEWS

There are numerous Symposia and Featured Topics of interest to Renal Section members at the IUPS meeting, April 1-5. One of the featured IUPS Tracks is “Renal Control of Blood Pressure”, which has 7 sessions over the 5 day schedule. In addition, the Renal Section Young Investigator Award session will feature the Award winner, Dr. Janos Peti-Peterdi, and 6 selected abstracts. Poster sessions feature 7 topics that cover the Renal Section-submitted abstracts.

SESSIONS OF INTEREST:

Friday, April 1

3:15 PM  AstraZeneca Young Investigator Award Session, Janos Peti-Peterdi Chair: Jeffrey Garvin,

Saturday, April 2

8:00 AM  Renal Control of Blood Pressure Track: Renal NaCl Reabsorption: Molecular Insights into Human Blood Pressure Control. Chair: Paul Welling.

10:15 AM  Renal Control of Blood Pressure Track: Ernest H. Starling Distinguished Lectureship of the APS Water & Electrolyte Homeostasis Section
Title: The genetic control of renal Na handling in primary hypertension
Speaker: Guiseppe Bianchi

12:30 PM Poster Session: Renal Tubular Transport

3:15 PM Genomics Track: *Discovery of Genes for Polycystic Kidney Disease*, Chair: Peter Harris.


5:45 PM Lecture, Biology in Perspective – The Walter B. Cannon Memorial Award Lecture, Speaker: Gerald DiBona

**Sunday, April 3**

8:00 AM **Renal Control of Blood Pressure Track**: *Comparative Genomics of Blood Pressure Control: Genetic Maps in Humans, Rats and Mice*, Chairs: Pierre Corval, Anne Kwitek.

10:15 AM **Renal Control of Blood Pressure Track**: *Gender Effects on Arterial Pressure Regulation*, Chair: Chris Baylis.

12:30 PM Poster Sessions:
- Gender Effects on Arterial Pressure Regulation
- Renal Pathophysiology of Urea Transporters in the Post Genomic Era

3:15 PM **Renal Control of Blood Pressure Track**: *Genetic Models of Hypertension*, Chair: Curt Sigmond.

**Monday, April 4**

10:30 AM **Renal Control of Blood Pressure Track**: *Kidney versus Brain in Blood Pressure Control and Hypertension*, Chairs: Gregory D. Fink, Thomas Lohmeier.

12:30 PM Poster Sessions: Renal Control of Blood Pressure in Genetic Models
- Renal Hemodynamics
Tuesday, April 5

9:00 AM  Lecture: Robert Pitts Lecture, Speaker: Jurgen Schnermann.

12:30 PM Poster Sessions:  Volume and Renal Function  
Role of Kidney versus Brain in Blood Pressure Control

The Renal Section submitted 229 abstracts for this meeting, again reflecting a strong and active membership participation for this meeting. Please attend all of the Renal Section-related sessions to show your support for the presenting scientists. Congratulations on another excellent scientific program!

**EB 2006.** There is still an opportunity to submit proposals for the EB 2006 symposium schedule. Find information and submission forms on the APS website. Submit your ideas to the Renal Section Programmers, as soon as possible. (Bill Welch, welchw@georgetown.edu and Darwin Bell, pdbell@uab.edu)

---

**SOREN NIELSEN: THE GOTTSCHALK LECTURER FOR IUPS 2005**

This year’s Gottschalk Lecturer is Soren Nielsen, M.D., Ph.D. Dr. Nielsen’s laboratory has made seminal contributions to our understanding of water channels and Na⁺ and Cl⁻ transporters. His work on the physiology of these transport proteins has greatly expanded our understanding of the molecular regulation of diabetes insipidis and the molecular mechanism of NaCl and water retention during hypertension and congestive heart failure. He is now Professor of Cell Biology and Pathophysiology and Director of the Water and Salt Research Center in the Institute of Anatomy at the University of Aarhus in Denmark.
The Renal Section needs your nominations for the Gottschalk Distinguished Lecturer for the April, 2006 EB meeting. Previous lecturers have been Peter Agre, Steve Hebert, Mark Knepper, L. Gabriel Navar, Walter Boron, Dennis Brown, Heini Murer, Jim Schafer, Bliss Forbush III, William Arendshorst and Thomas Jentsch. The Gottschalk Lecturer should be a trend-setter in the field of renal physiology. Ideally, the Lecturer should be a good speaker with a good story to tell. The nominee does not necessarily need to be an American or an APS member. To make a nomination, please complete the form at the end of this newsletter, or otherwise provide all the necessary information, and send it to Susan Wall (smwall@emory.edu).

INFORMATION FOR TRAINEES

The Trainee Advisory Committee is preparing a special electronic newsletter highlighting career development opportunities available at the 2005 IUPS meeting in San Diego. Look for the newsletter release in early March. Additionally, we are in the process of consolidating trainee-related information on the APS website. Updates will be posted at www.the-aps.org. We would like to encourage the students and fellows to let the committee know what training-related issues are important to you.

Call for nominations for APS Standing Committees

This is a call for nominations to APS Committees. We are always looking for qualified people to represent APS and the Renal Section. A description of the committees, member qualifications, and nominations forms can be found at http://www.the-aps.org/committees. Individuals can nominate themselves, or have others nominate them. Please note that the application process is greatly simplified with only one short nomination form and one short endorsement form, period! This abbreviated procedure was designed to encourage new nominations. Nominations are usually due by January 10th of each year. The APS website contains descriptions of the functions of the APS standing committees and current committee members.

From the Editor:
Please submit any information for forthcoming issues of the Renal Section Newsletter to me at ellisond@ohsu.edu. Any suggestions on changes in format are also welcome.
AJP-Renal: NEWS FROM THE EDITOR

We added a new feature in the fall of 2004, *Editorial Focus* articles. These are brief articles high-lighting original papers that were judged to be outstanding during the review process we hope that they will let the whet the appetite of readers to read the original paper. We will soon be issuing a Special Call for Papers in conjunction with the APS Conference on Neurohypophyseal Hormones: From Genomics and Physiology to Disease. Submissions to AJP -Renal in 2004 were the highest since the start of APS Central, and submissions in the first 2 months of 2005 are well ahead of those for the same period in 2004. We want to thank everyone who contributes to the success of AJP-Renal, especially the authors who have submitted their papers and the peer reviewers who have provided rigorous, timely, fair, and collegial reviews. Our goal remains simply to publish the best original Renal research and insightful review papers. We hope that you will continue to make AJP-Renal your first choice for your future submissions.

Jeff M. Sands
Editor-in-Chief, AJP-Renal

Treasurer’s Report

As discussed at the Renal Dinner during EB 2004, industrial support for educational activities is extremely unstable. Although we lost Aventis’ support for the Excellence in Renal Research Awards, we did get more support from Amgen and Pfizer. Now we have a new crisis! AstraZeneca has stopped funding ALL educational grants given through the field reps. This means that the $5,000 they used to provide to support the Young Investigator Award and Renal Dinner is gone. We depended on that money to subsidize student/postdoc tickets to the Renal Dinner. Although I have applied through their new grant funding mechanism, they specifically will NOT fund social events (read the renal Dinner). Subsidizing the student/postdoc tickets for the Renal dinner has dramatically increased the number of students that attend. Many see this as an opportunity to socialize with the leaders in the field and thus advance their careers. Consequently,
the Renal Steering Committee is asking every member of the Renal Section to make a tax deductible contribution to support the students and postdocs.

While we have 100% participation from the Renal Section steering committee and very generous donations from Jim Schafer and Tom Andreoli, we have only about 20 other donors. This is an embarrassingly low number given that the renal Section has more than 500 members and 170 of those attend the Renal Dinner. We are asking everyone to contribute something. If every member donated $25 now, we would be secure and we would not have to solicit donations from the members in the foreseeable future. One suggestion that I received at the Renal Dinner was that each member donate an honorarium from one lecture. I thought that was an outstanding idea, but any contribution will be appreciated.

If any mission of the Renal Section is worth supporting, it is certainly the Excellence in Renal Research Awards. Please send checks payable to the “APS:Renal Section” to:

Linda Allen
American Physiological Society
9650 Rockville Pike
Bethesda, MD
20814

Be sure to note that the check is a contribution to the Renal Section and ask for a receipt for tax purposes.

Jeff Garvin
Treasurer, APS-Renal Section

2005 RENAL DINNER

The 2005 Renal Dinner will take place on Monday, April 4, 2005, at the U.S. Grant Hotel, 326 Broadway, San Diego, CA. This year’s post-dinner program will feature the presentations of the Abbott/Berliner Award, the AstraZeneca Young Investigator Award, Amgen Postdoctoral Renal Research Awards and the Pfizer Student Excellence in renal Research Awards. You should have your tickets by now, but if not, go to http://www.the-aps.org/sections/renal/index.htm.
REQUEST FOR NOMINATIONS FOR THE 2005 YOUNG INVESTIGATOR AWARD

The purpose of this award is to recognize an outstanding young investigator working in any area of renal physiology. Nominees for 2006 must be less than 41 years old as of April 1, 2006 or less than 15 years beyond receipt of their first doctoral degree. Research qualifying for consideration for this award would include any area of renal physiology, pathophysiology, or hypertension. Evidence that a nominee is working in renal physiology would be publications by the nominee in the American Journal of Physiology: Renal Physiology or similar journals during the preceding 4 years.

The deadline for nominations for the 2006 Young Investigator Award recipient is April 1, 2005. In a change from the past, individuals must be nominated every year to continue to be considered. This change was implemented because it was unfair to past nominees to have their C.V.’s which could be 2-3 years old compared to those of new nominees that were up to date. To nominate a candidate, e-mail the candidate’s CV, a nomination letter, and a seconding letter in PDF format ONLY to: jgarvin1@hfhs.org.

As of February 21, 2005 I have NO nominations!!!!!!