A MESSAGE FROM YOUR RENAL SECTION CHAIR:

On behalf of the Renal Section, I would like to thank our previous Section Program Representative, Dr. Michael Caplan; Secretary/Newsletter Editor, Dr. Will Beierwaltes; and AJP- Renal Editor, Dr. Steven Hebert for their dedicated effort for the Renal Section the past 3-6 years. Dr. Matthew Breyer will serve as our new Section Program Representative and Dr. David Pollock will serve as Secretary/Newsletter Editor. I am confident Matt will continue the excellent leadership that our Program Committee has enjoyed and this newsletter attests to David’s skill and commitment to keeping us informed of sectional activities. In addition, Dr. Susan Wall is now the Chair-elect and will become Section Chair at the end of EB2002.

Next spring’s EB2002 meeting in New Orleans on April 20-24, 2002, promises to be very exciting. Similar to EB2001, it will be a 7-society meeting and include APS, ASBMB, ASPET, ASIP, ASNS, AAI, and AAA. A highlight of the meeting will be the Carl W. Gottschalk Distinguished Lecture to be presented by Dr. Biff Forbush on Sunday afternoon, April 21, 2002, at 2 PM CDT. If you have any nominations for the 2003 Gottschalk Award, please notify me by April 30, 2002 (see addresses elsewhere in this newsletter).

The Renal Section will present the fifth annual Young Investigator Award (sponsored by AstraZeneca) to Dr. Jonathan Barasch. His lecture will be given as part of a Featured Topics Session programmed by our Section Program Committee. If you have a nomination for the 2003 award, please notify Dr. Susan Wall by April 1, 2002 (see addresses elsewhere in this newsletter).

The Berliner-Abbott Award, given each year to a distinguished senior American Renal Physiologist, will be presented at the Renal Dinner on Tuesday evening, April 23, 2002. The awardee will be selected in November, so if you have a nomination, please notify either Susan Mulroney or me by November 1, 2001 (see addresses elsewhere in this newsletter). Of course, a major feature of the Renal Dinner is the Aventis Pharmaceutical Student and Fellow Awards.

Please note that the Renal Dinner will be held on Tuesday evening, April 23, 2002 (see details elsewhere in this newsletter). I am looking forward to seeing everyone at EB2002.

Jeff M. Sands
Chair, APS Renal Section

THE 2001 STUDENT AND FELLOW AWARDS:

The Aventis Pharma Awards for Excellence in Renal Research are presented each year to outstanding presentations of students and post-doctoral fellows at the EB meeting. The awardees were selected from a pool of 5 student and 5 post-doctoral finalists who were judged by their oral presentations at the EB meeting.

There were three awardees in the student category this year. The First Place Award was presented to Ka-Yin “Koby” Mok for his work, “Up-regulation of renal type I Angiotensin II receptors (AT1Rs) by growth hormone (GH) can exacerbate kidney growth and disease.” Mr. Mok’s mentors are Drs. Susan Mulroney and Kathryn Sandberg, at Georgetown University School of Medicine. Two awards were also given to the runners up. Jacob Nielsen presented work on, “Spironolactone-mediated down-regulation of the epithelial sodium channel (ENaC) in rat kidney.” Mr.
Nielsen’s mentor is Dr. Mark Knepper, at the NIH. Finally, Traci Taylor was recognized for her presentation entitled, “Down-regulation of soluble guanylyl cyclase in the inner medulla of DOCA-salt hypertensive rats.” Ms. Taylor works under the direction of Dr. Jennifer Pollock at the Medical College of Georgia.

There were also three post-doctoral awardees. The First Place Awardee was Dr. Craig Woda for his work; “Activation of MAXI-K channels in the cortical collecting duct (CCD) at high flow rates requires extracellular Ca$^{2+}$ entry.” Dr. Woda was sponsored by Dr. Lisa Satlin at Mt. Sinai School of Medicine. Two awards were also presented to the runners up. Dr. Cecilia Sayago presented her work entitled; “Neuronal nitric oxide synthase is a primary source for cGMP-mediated stimulation of renin secretion.” Dr. Sayago works under the direction of Dr. William Beierwaltes at the Henry Ford Hospital. Dr. Yuehan Zhou was also recognized for, “Regulation of bicarbonate reabsorption by rabbit S2 proximal tubule: evidence for a CO2 sensor.” Dr Zhou works under the direction of Dr. Walter Boron at Yale University.

In addition, Renal Section Young Investigator Travel Awardees were also recognized at the meeting. This year’s Awardees are:

Janet Klein, PhD, Emory University
Mohammad Ali Newaz, MD, PhD, Texas Southern University
Sharma Prabhakar, MD, Texas Tech Univ. Health Sciences Center
Frazier Stevenson, MD, University of California, Davis
James Stockand, PhD, UTHSC, San Antonio

Congratulations to all the awardees for their outstanding contributions to kidney research. We look forward to following your careers in the future. Finally, we’d like to thank the judges, who have the extremely challenging job before and during the meeting to evaluate the abstracts and presentations. This year’s judges were Co-Chair Ed Inscho, PhD, Matt Breyer, MD, Mike Romero, PhD, Heddwyn Brooks, PhD, and John Imig, PhD.

Sue Mulroney
Awards Committee Chair
REPORT FROM THE PROGRAM COMMITTEE

The EB program should reflect the most exciting current kidney research and we need input from the members with suggestions for symposia and featured topics. Please begin to think about possible topics for the EB 2003 meeting (San Diego, April 12-16th). Proposals should be submitted to Chris Baylis, Chair, Renal Program Committee at cbaylis@wvu.edu. I will also send out a request for suggestions in early 2002 on the renal listserv. Programming decisions will be made in April /May 2002.

For several years we have had 3 symposia and 3 featured topics assigned to the Renal Section for EB 2002. Programming symposia has not been a problem, but because of poor response (in terms of targeted abstract submission) for some of the featured topics, we have recently allowed 2 of the featured topics to be abstract driven, rather than pre-assigned. The 3rd featured topic is traditionally linked to the Renal Section Young Investigator.

We have an excellent program for EB 2002:

Renal Section Symposia:

**Heterogeneity in the Renal Microcirculation**  

**New Developments in Renal Acid-Base Transport and its Regulation**  
Chairs: M Knepper and S Wall. Mon 22nd. 8-10 am. Rm 207.

**Disorders of Sodium Transport and Blood Pressure Regulation**  

In addition we managed to co-sponsor one of the 4 available cross sectional Symposia:

**The Sensory Functions of the DEG/ENaC Superfamily of Ion Channels**  
Chairs: B Stanton and D Benos. Sun 21st 8-10 am. Rm 245

We are also co-sponsoring a symposium by the Spanish Society of Physiology

**Cyclooxygenase-2 and Renal Function**  
Chairs: F J Salazar and J Schnermann  
Wed. 10:15 AM-12:15 PM Ernest N. Morial Convention Center, Room 211

The **CARL W. GOTTSCALK DISTINGUISHED LECTURESHIP** will be given by **Biff Forbush**  
Sun 21st. 2:00-3:00 PM, Rm 245

Our featured topics are:

**ASTRAZENECA YOUNG INVESTIGATOR AWARD FEATURED TOPIC**  
*Formation of Epithelia in the Embryonic Kidney*  
Organized by Jonathan Barasch Mon10:15 AM-12:15 PM Rm 209

**Featured topic 2 (TBA)** Tue 23rd 3:15 – 5:15pm. Rm 211.

**Featured topic 3** (TBA) Wed 24th 8-10 am. Rm 212.

There are also many other sessions of interest to members of the Renal Section, including:

**ROBERT M. BERNE DISTINGUISHED LECTURESHIP**  
*Redox regulation of vascular function*, David Harrison  
Mon. 2:00-3:00 PM, Rm 252-254
HENRY PICKERING BOWDITCH AWARD LECTURE
Control of Renin, from Cell Lysates to the Conscious Dog, Pontus B. Persson
Sun 5:30-6:30 PM Rm 255-257

ERNEST H. STARLING DISTINGUISHED LECTURESHIP
Genetics, the Kidney and Hypertension, Richard Lifton
Tue 9:00-10:00 AM  Rm 210

SYMPOSIA:
Translational Research in Preeclampsia and Pregnancy-induced Hypertension
Chairs:  R Khalil and P August, Wed. 8:00-10:00 AM  Rm 207

Vascular Consequences of Oxidant Stress
Chairs: B Pitt and F Miller, Tues. 3:15-5:15 PM Rm 221-222

Mechanisms of Estrogen Effects on the Cardiovascular System
Chair: D Gross, Wed. 10:15 AM-12:15 PM, Rm 207

Apoptosis and Organ Injury Mechanisms in Hypertension
Chairs: G Schmid-Schonbein and M Boegehold,  Mon. 8:00-10:00 AM Rm 245

Comparative Models to Understanding Molecular Mechanisms of Solute Transport
Chair: G Gross,  Mon. 10:15 AM-12:15 PM, Room 210

Epithelial Channels: Regulation by Differentiation and Growth Factors
Chairs J Stockand and S Rane, Tues. 3:15-5:15 PM, Rm 210

Role of Endothelin ET_B Receptors in Cardiorenal Function
Chair: G Fink, Sun. 10:15 AM-12:15 PM, Rm 207

Endothelial Dysfunction in End Stage Renal Disease
Chairs: M. Goligorsky and C Baylis, Mon. 10:15 AM-12:15 PM, Rm 211

Diagnosis and Treatment with Atrial Natriuretic Factor Metabolism
Chair: D Vesely, Sat. 3:00-5:00 PM, Rm 211

The Role of Angiotensin and Oxidative Stress in the Development of Hypertension
Chair: J C. Romero, Mon. 3:15-5:15 PM, Rm 210

TREASURER’S REPORT
I am pleased to report that the budget is doing very well thanks to the generous support of our colleagues in the Pharmaceutical Industry. We are most thankful to Abbott Laboratories for their support of sponsoring the Robert W. Berliner Award for Excellence in Renal Physiology Sponsored by Abbott Laboratories and Aventis Pharmaceuticals for sponsoring the Aventis Pharma Excellence in Renal Research Award for students and post-doctoral fellows. We are very grateful to AstraZeneca for sponsoring the Young Investigator Award. We also would like to thank Amgen, AstraZeneca, Merck, Parke-Davis, SmithKline Beecham, and Pfizer for making it possible for graduate students and post-doctoral fellows to attend the Renal Dinner at a reduced cost.

Susan Wall
Treasurer, APS Renal Section

AJP-Renal: NEWS FROM THE EDITOR
The new Associate Editors (Drs. Sharon Anderson, Pam Carmines, Douglas Eaton, Tom Kleyman, and Susan Wall) and I want to thank Dr. Steven Hebert and his Associate Editors for their outstanding job during the previous six years, and we are confident that the Renal Section joins us in thanking them for their efforts. Dr. Hebert and his team deserve tremendous credit
for increasing AJP-Renal’s impact factor for 2000 to 4.129. This is the highest impact factor of any AJP journal and is the third highest of the 43 journals in the renal and urologic field.

I am fortunate to be joined by a superb team of Associate Editors. This team was chosen to ensure coverage of as many different aspects of renal physiology as possible and for their scientific excellence and commitment to providing a rigorous, but fair and collegial review process. This transition in editorship provides an opportunity for us to build on the present success of AJP-Renal and to make the journal even better! The Associate Editors and I are committed to the following set of goals:

- Making the review process more author friendly by encouraging reviewers to complete their reviews on time, be rigorous yet fair, and keep the tone of their reviews collegial.
- Broadening the scope of the subject matter to include a greater range of articles of interest to all Renal Section members.
- Expanding the scope of the invited review series to include translational research.

AJP-Renal is the first AJP journal to have “Articles in Press”, which allows accepted manuscripts to be published on-line within one week of acceptance. Another new electronic innovation is that proofs will be sent to authors via the Internet, thereby speeding up the time to final publication. With your help, the Associate Editors and I are committed to publishing the very best original papers reporting major advances in all aspects of renal physiology, including renal cell and molecular biology, integrative physiology, renal hemodynamics, mechanisms of hypertension, transport physiology, physiological genomics, and translational research. Our goal is to make AJP-Renal the home for the best papers in Renal Physiology, defined in its broadest sense. We encourage you to submit your best work to AJP-Renal and ask that you encourage your colleagues to submit their best work. We look forward to working with each of you during the coming years to make the best renal physiology journal even better.

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

2002 RENAL DINNER

The 2002 Renal Dinner will take place on Tuesday, April 23, 2002, at The Plimsoll Club, 2 Canal Street, Suite 3000, New Orleans, Louisiana 70130. The cocktail hour will begin at 6:30 PM with dinner at 7:30 PM. This year’s post-dinner program will feature the presentations of the Abbott/Berliner Award, the AstraZeneca Young Investigator Award, and the Aventis Pharmaceuticals Excellence in Renal Research Awards.

To order your tickets, please send a check (in U.S. dollars) made out to: APS Renal Section and a self-addressed stamped envelope to: Susan M. Wall, M.D. Division of Renal Diseases and Hypertension, 6431 Fannin, M.S.B. 4.148, Houston, TX. 77030, U.S.A. Tickets are available now. The price is $45 each before 3/31/02 and $25 each for students and post-doctoral fellows. After April 1, 2002, tickets increase to $50 (still $25 for students and post-docs).

Susan Wall
Treasurer, APS Renal Section

NOMINATIONS FOR RENAL SECTION OFFICES

This spring we must elect a new Section Program Representative to replace Dr. Chris Baylis and a new Treasurer to replace Dr. Susan Wall. If you would be interested in either position, or wish to nominate someone for either position, please contact Jeff Sands or Pam Carmines. Please include your name, phone number, FAX, and e-mail address. These are
critical positions in the Renal Section and require a moderate amount of work. The electees will become members of the Renal Section Steering Committee. I also want to thank Chris and Susan for their willingness to serve the Renal Section and for the excellent job that they have done. Susan, of course, will not be leaving but will become the Section Chair starting at the end of EB2002. Without the commitment of section members willing to serve the section, we could not continue to grow and develop in the positive fashion that we have.

Jeff M. Sands  
Chair, APS Renal Section

APS COMMITTEE NOMINATIONS NEEDED!!!!

NOW is the time to nominate Renal Section members to serve on APS committees. Here's how:

1) Visit the APS website (http://www.the-aps.org/committees.htm) to access information about the activities of each committee, and to download a nomination form.
2) Complete the form with emphasis on the qualifications of the nominee for serving on the committee selected.
3) Encourage other members to nominate the same individual. The number of nominations received for an individual is viewed as an indicator of the extent of membership support for that individual's nomination!!

SELF-NOMINATION IS ENCOURAGED!!!!

Pam Carmines  
Committee on Committees

REQUEST FOR NOMINATIONS FOR THE 2003 YOUNG INVESTIGATOR AWARD

The purpose of this award is to recognize an outstanding young investigator working in any area of renal physiology. Nominees for 2003 must be less than 41 years old as of April 1, 2003 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 2003 Young Investigator Award recipient is April 1, 2002. Once an individual is nominated, they will continue to be considered for subsequent years until they are no longer eligible for this award. However, for later consideration, submission of an updated CV would be helpful. To nominate a candidate, please submit the candidate’s CV, a nomination letter, and an optional seconding letter to: Susan M. Wall, M.D. Division of Renal Diseases and Hypertension, 6431 Fannin, M.S.B. 4.148, Houston, TX. 77030, U.S.A. For more information, contact Susan Wall by telephone: 713-500-6868, FAX: 713-500-6882, or e-mail: Susan.M.Wall@uth.tmc.edu

Susan Wall  
Treasurer, APS Renal Section

RENNAL SECTION YOUNG INVESTIGATOR TRAVEL AWARDS

The Renal Section of the APS is sponsoring 4 travel awards ($500) for recognition of meritorious research by young investigators participating in EB2002. The applicants must be junior faculty (no higher than Assistant Professor), and an author on an abstract submitted to
the meeting. The Renal Awards Committee will select the recipients, with notification by February 15, 2002. Investigators can apply or be nominated by another Renal Section member. Applications and abstracts can be sent to Dr. Sue Mulroney, Georgetown University School of Medicine, Rm 253 Basic Science Building, 3900 Reservoir Rd, NW, Washington, DC 20007, or electronically to mulrones@georgetown.edu. Deadline for submission is January 31, 2002.

PROCTER & GAMBLE PROFESSIONAL OPPORTUNITY AWARDS (Renal Section)

The Renal Section also sponsors P&G Awards for outstanding pre-doctoral abstracts. The recipient receives $500 and complimentary registration to the EB meeting. This year’s Awardee was Traci Taylor from the Medical College of Georgia. Instructions for applying for this and the other Renal Section awards are located in the EB 2002 booklet.

EXCELLENCE IN RENAL RESEARCH AWARDS

Instructions for submitting your abstract in either the Pre- or Post-Doctoral categories are provided in the EB2002 booklet. We strongly encourage all eligible students and Post-Doctoral fellows to compete. Abstracts will undergo preliminary judging, and 5-7 finalists in each division will be selected for final judging at EB2002. To facilitate the process, please send your abstract to Dr. Sue Mulroney, Georgetown University School of Medicine, Rm 253 Basic Science Building, 3900 Reservoir Rd, NW, Washington, DC 20007, or electronically to mulrones@georgetown.edu. Deadline for submission is November 15, 2001.

NOMINATIONS SOUGHT FOR THE 2002 BERLINER/ABBOTT AWARD

The Robert W. Berliner Award for Excellence in Renal Physiology Sponsored by Abbott Laboratories is an award given annually to a world-renown, distinguished scientist of American citizenship who has been a major contributor to the field of renal physiology over a lifetime. The nominee must be at least 60 years of age. The award not only recognizes accomplishments in renal research, but also in areas of teaching, training, and service within the American Physiological Society. Past winners include Carl Gottschalk, Gerhard Geibisch, Heinz Valtin, Maurice Burg, Franklyn Knox, Bodil Schmitt-Neilson, Erich Windhager, Thomas Andreoli, and Joseph Handler.

Nominations are now being sought for the Berliner/Abbott Award in the year 2002. Please submit your nominations to Susan Mulroney (fax: 202-687-7407, or mulrones@georgetown.edu) by November 15, 2001. It is sufficient to simply suggest a name, but a supporting letter of consideration would be useful to the selection committee. If you have suggested an individual in the past few years, it is unnecessary to re-nominate the individual as nominations are carried over from previous years. The award committee consists of the Renal Section Chair (Jeff Sands), Awards Committee Chair (Susan Mulroney), Editor of AJP: Renal (Jeff Sands), and an Abbott scientific representative (Glenn Reinhart).

Glenn Reinhart
Renal Section Industry Liaison
Do you have questions or comments about APS Renal Section activities? If so, do not hesitate to contact any of the folks on the Renal Section Steering Committee.

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The Steering Committee is always looking for input from the Renal Section membership on all activities. There are many opportunities for your participation listed in this newsletter in areas such as programming, awards, and committees. Look it over and let us hear from you!