A MESSAGE FROM YOUR RENAL SECTION CHAIR:

We hope to see everyone at the EB 2004 meeting (April 17-21, in Washington DC). It should be an exciting scientific program, particularly since it will be a 7-society meeting. Remember to purchase your ticket to the Renal Dinner prior to the meeting (see information from Jeff Garvin elsewhere in this newsletter, or contact him at: jgarvin1@smtpgw.is.hfh.edu for information or tickets). The renal dinner will be held at the Old Ebbitt Grill on April 20.

The Renal Section Steering Committee has been doing an excellent job. Jeffrey Garvin, Ph.D. from Henry Ford Hospital is now serving as Treasurer. David Pollock, Ph.D. from the Medical College of Georgia is Secretary. Program Representatives include Matthew Breyer, M.D. from Vanderbilt and Bill Welch Ph.D. from Georgetown. The Awards Committee includes Ed Inscho Ph.D. From The Medical College of Georgia and Heddwen Brooks, Ph.D. from the University of Arizona. Darwin Bell Ph.D. from U.A.B. is Sage and Gabriel Navar, Ph.D. 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.

I would like to remind the renal section students and fellows that the American Physiological Society established a Trainee Advisory Committee in 2003 encompassing all sections of the Society. This committee wants to encourage the active participation of trainees in the Society and to identify how the Society can assist trainees in their development. Please use the following link to the APS website to find out more about this committee: http://www.theaps.org/committees/trainee/

Susan Wall
Chair, APS Renal Section

2004 RENAL DINNER

The 2004 Renal Dinner will take place on Tuesday, April 20, 2003, at the Old Ebbitt Grill, Washington, D.C.. This year’s post-dinner program will feature the presentations of the Abbott/Berliner Award, the AstraZeneca Young Investigator Award, and the Excellence in Renal Research Awards.

To order your tickets, please send a check drawn on a U.S. bank in U.S. dollars made out to: “APS Renal Section” and a self-addressed stamped envelope to: Jeff Garvin, Division of Hypertension and Vascular Research, E&R 7126, Henry Ford Hospital, 2799 West Grand Blvd., Detroit, MI 48202, U.S.A. Tickets are available now. Those that can’t draft a check on a U.S. bank should contact me via e-mail at “jgarvin1@hfhs.org” to make alternative arrangements.

The price is $50 each postmarked before March 15, 2004 and $25 each for students and post-doctoral fellows. After that, tickets increase to $60 if available (still $25 for students and post-docs).

Jeff Garvin
Treasurer, APS Renal Section
JAMES SCHAFER NAMED 2004 RECIPIENT OF THE ROBERT W. BERLINER AWARD SPONSORED BY ABBOTT LABORATORIES

The Renal Section is proud to announce that this year’s Robert W. Berliner Award for Excellence in Renal Physiology, sponsored by Abbott Laboratories, has been given to James Schafer, Ph.D. from the University of Alabama at Birmingham. This award is given to a senior renal physiologist based on his or her lifetime contribution to the field of renal physiology. Dr. Schafer’s research contributions include studies of the effect of aldosterone and vasopressin on NaCl and water absorption in the cortical collecting duct. He has been the recipient of many distinguished research awards, such as the Homer Smith Award of the American Society of Nephrology and the Gottschalk Award of the Renal Section of APS, and served as APS President from 1996 to 1997. The Berliner award will be presented at the Renal Dinner on April 20, 2004, at the EB 2003 meeting in Washington D.C.

The Renal Section needs your nominations for the Berliner Award for the April, 2005 meeting. To make a nomination, please send a nominating letter and a copy of the nominee’s CV to Susan Wall (smwall@emory.edu) by November 1, 2004. Winners of the Berliner/Abbott Award:

1993 – Carl Gottschalk 1999 – Erich Windhager
1996 – Maurice Burg 2002 – Floyd Rector
1997 – Franklyn Knox 2003 – Donald Marsh

The APS Renal Section’s Berliner/Abbott Award Committee, a subcommittee of the Renal Section Steering Committee, included: Susan Wall (Renal Section Chair); Ed Inscho (Renal Section Student Awards Chair); Glenn Reinhart (Abbott Laboratories Representative); and Jeff Sands (Editor, AJP-Renal). The Renal Section needs your nominations for the Berliner Award for 2005.

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 sponsoring the Berliner/Abbott Award and we are very grateful to AstraZeneca for sponsoring the Young Investigator Award. We also would like to thank AstraZeneca, SmithKline Beecham, and Pfizer for making it possible for graduate students and post-doctoral fellows to attend the Renal Dinner at a reduced cost. I am also happy to report that Amgen has renewed their support for 2004. However, as of February 18, 2004 Aventis Pharmaceuticals has not renewed their support. The loss of Aventis’ support for the Excellence in Renal Research is particularly hard-felt. Unfortunately, it appears that we will not be able to regain support from Aventis. Several attempts to do so by both Susan Wall and myself went unanswered.

Jeff Garvin
Treasurer, APS Renal Section
THOMAS JENTSCH TO DELIVER GOTTSCHALK LECTURE AT EB ‘04

This year’s Gottschalk Lecturer is Thomas Jentsch, M.D., Ph.D. Dr. Jentsch’s laboratory has made seminal contributions in our understanding of potassium-chloride cotransporters, as well as chloride and potassium channels. Dr. Jentsch has studied the cell biology, the structure-function relationships, and the physiology of these transport proteins. His work has greatly expanded our understanding of the role of these transporters in human disease. He is now Professor of Molecular Neuropathology at the University of Hamburg.

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 and William Arendshorst. 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) by April 30, 2005.

JOHN IMIG WINS 2004 ASTRAZENECA YOUNG INVESTIGATOR AWARD

The Renal Section of the American Physiological Society is pleased to announce that the 2004 recipient of the AstraZeneca Young Investigator Award for Excellence in Renal Physiology is Dr. John Imig. He is an Associate Professor in the Vascular Biology Center and Department of Physiology at the Medical College of Georgia.

As a graduate student in the laboratory of Dr. Gary L. Anderson at the University of Louisville, he characterized microvascular structural and functional changes that occur during hypertension. He received a Ph.D. in Physiology and Biophysics in 1990. Dr. Imig moved to the Department of Physiology at the Medical College of Wisconsin for postdoctoral training in the laboratory of Dr. Richard J. Roman. During his work there he was awarded a Postdoctoral Fellowship sponsored by the National Institutes of Health. Dr. Imig accepted a faculty position in the Department of Physiology at Tulane University School of Medicine, which is chaired by Dr. L.G. Navar, in 1993. He moved to the Medical College of Georgia in 2001 and was promoted to Associate Professor of Physiology.

It was during his training with Dr. Roman that Dr. Imig began investigating the influence of CYP450 metabolites in modulating renal vascular function and changes in arachidonic acid metabolism occurring during hypertension. His early work established that epoxygenase metabolites (EETs) were dilators and the actions of 11,12-EET on the afferent arteriole were consistent with it being an endothelium-derived hyperpolarizing factor (EDHF). These beginning efforts laid the groundwork for studies to examine cellular signaling mechanisms by which CYP450 metabolites control afferent arteriolar function. In addition, his work has focused on afferent arteriolar dysfunction during hypertension. His work in this area has determined the anti-hypertensive and protective properties of EETs and soluble epoxide hydrolase inhibitors in angiotensin-dependent hypertension. It is expected that continuing with these studies will provide a comprehensive understanding of soluble epoxide hydrolase and EETs in the long-term regulation of blood pressure and renal microvascular function.
RYAN MORIS JOINS THE STEERING COMMITTEE OF THE RENAL SECTION OF APS AS TRAINEE LIAISON

Ryan Morris, Ph.D. is the new Trainee Liaison of the Renal Section of APS. Ryan’s graduate studies explored the regulation of the epithelial sodium channel, ENaC while in the laboratory of James Schafer, Ph.D. As a post-doctoral fellow in the laboratory of Mark Knepper, M.D., Ph.D, Dr. Morris is now extending his study of the regulation of renal sodium and potassium transport using mouse models.

NOMINATIONS FOR 2005 ASTRAZENECA YOUNG INVESTIGATOR AWARD

The purpose of this award is to recognize an outstanding young investigator working in any area of renal physiology. Nominees for 2005 must be less than 41 years old as of April 1, 2005 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 2005 Young Investigator Award recipient is April 1, 2004. 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.

Currently the odds are very good as I only have a few nominations!!!!!!!!!

Jeff Garvin
Treasurer, APS Renal Section

RENLAL SECTION NEEDS NOMINATIONS FOR APS COMMITTEES

Send your nominations to fill vacancies on various APS committees to Roger O’Neil (Roger.G.Oneil@uth.tmc.edu). You could also nominate yourself by sending the form, available on the APS website directly to APS headquarters. 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.

Please provide a short paragraph or list special expertise and previous activities that make this person (or yourself) highly qualified for a particular committee. A candidate’s chance of being nominated by the Committee on Committees is greatly enhanced by letters of support from 4-6 people for each nominee. For additional information or to submit a nomination, contact:

The American Physiological Society
9650 Rockville Pike
Bethesda, MD 20814-3991
Phone 301-530-7165 or fax 301-571-8305
RENAL SECTION AWARDS

The Renal Section is proud to have the opportunity to support and honor the careers of young investigators and trainees. To make this program successful, we encourage active participation by all eligible individuals in the awards programs. Mentors should encourage their students and Postdoctoral fellows to apply for these awards. Accordingly, tell your neighbors and your friends that Renal Section Award program is an excellent opportunity to display your accomplishments and bring enhanced visibility to our young colleagues and young trainees. The number of applicants who submitted their work for Renal Awards increased substantially for the EB 2004 meeting. This year we received abstracts from 40 investigators representing 16 national and 3 international institutions.

The Renal Section winner of the 2004 Proctor and Gamble Excellence in Research Award is Ms. Jennifer L. Pluznick, for her abstract entitled, Role of the BK-beta 1 subunit in flow-induced K+ excretion in the mammalian cortical collecting duct (CCD). Ms. Pluznick is a doctoral student at the University of Nebraska Medical Center, under the mentorship of Dr. Steven C. Sansom.

The preliminary evaluation of abstracts submitted for the Excellence in Renal Research Awards has been completed. The Postdoctoral finalists for the 2004 year are: Reena Rao, Aparajita Dey, Ramiro Juncos, Erik-Jan Kamsteeg and Xiaoxia Wang. The Pre-Doctoral finalists are: Joseph P. Bast, Minolfa Prieto-Carrasquero, Jennifer L. Pluznick, Elvira L. Liclican, Allison L. Opay. The Finalists will undergo a second round of evaluation during the presentation of their talks or posters at the EB 2004 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.

The Renal Section and the American Physiological Society are also pleased to provide Research Recognition Awards to Dr. Pablo A. Ortiz (Henry Ford Hospital), Thomas Pannabecker (University of Arizona), Xiaoming Zhou (NHLBI, NIH) and Alan Parrish (Texas A & M). Congratulations to all of the finalists and award recipients, and we look forward to seeing their presentations at EB 2004!

Ed Inscho
Awards Chair

We want to extend our welcome to the newly elected officers in the Renal Section:

Daniel Ellison, Secretary, from the Oregon Health and Sciences University

P. Darwin Bell, Program Representative, from the University of Alabama at Birmingham
EB 2004 HIGHLIGHTS

Renal Section Symposia:

April 21 10:30 AM-12:30 PM Room 145A
Metalloproteinaase and Diabetes, organized by Suresh Tyagi and Irving Joshua

April 19 8:00 – 10:00 AM Room 145B
Polycystic Kidney Disease: From Bench to Bedside, organized by Arlene Chapman and Jing Zhou

April 21 8:00 – 10:00 AM Room 145A
Claudin Expression and Function in the Kidney, organized by Raymond Harris

Award Symposia

April 18 8:00 – 9:00 AM, Room 146B
Carl W. Gottschalk Distinguished Lectureship: Thomas Jentsch

April 19 3:15 – 5:15 PM, Room 146B
AstraZeneca Young Investigator Lecture Session: John Imig (Renal Hemodynamics)

Abstract Driven Oral Sessions:

April 20 10:30 AM – 12:30 PM, Room 140B
Renal Epithelial Transport

April 20 3:15 – 5:15 PM, Room 145B
Hormones and Autocoids

Poster Sessions

April 18 Sunday Renal Hemodynamics and GFR
April 19 Monday Renal Hormones / Autocoids
April 20 Tuesday Renal Transport: H₂O, urea, ions
Renal Acid-Base Regulation
April 21 Wednesday Renal Organic Solute Transport
Renal Pathology and Toxicology
Daily Meeting Organizer

April 18 Sunday

8:00 – 9:00 AM, Room 146B
Carl W. Gottschalk Distinguished Lectureship: Thomas Jentsch

April 19 Monday

8:00 – 10:00 AM Room 145B
Polycystic Kidney Disease: From Bench to Bedside, organized by Arlene Chapman and Jing Zhou

3:15 – 5:15 PM, Room 146B
AstraZeneca Young Investigator Lecture Session: John Imig (Renal Hemodynamics)

April 20 Tuesday

10:30 AM – 12:30 PM, Room 140B
Renal Epithelial Transport

3:15 – 5:15 PM, Room 145B
Hormones and Autocoids

April 21 Wednesday

8:00 – 10:00 AM Room 145A
Claudin Expression and Function in the Kidney, organized by Raymond Harris

10:30 AM-12:30 PM Room 145A
Metalloproteinaase and Diabetes, organized by Suresh Tyagi and Irving Joshua

LWIC Workshop

The Liaison with Industry Committee is sponsoring a Workshop entitled “High Content Biology: Multiplexing in Cell Physiology” at EB2004 on Monday, April 19 from 3:15-5:15 pm. This workshop will describe novel methods for simultaneous analysis of multiple endpoints in cells.

The LWIC is also sponsoring a mixer at EB2004. Everyone is invited! Check the meeting program for time and location.
**AJP-Renal: NEWS FROM THE EDITOR**

AJP-Renal continues to do very well. AJP-Renal’s impact factor for 2002 increased to **5.044**, which is the highest impact factor of any AJP journal and is the second highest of all journals in the renal and urologic field! In 2003, submissions were up 6% over 2002. The time from submission to first decision is still averaging around 28 days. The second installment of the legacy series for AJP-Renal appeared in 2003. After the final installment appears later this year, you will be able to obtain PDF files for any paper ever published in AJP, all the way back to 1898! We had two successful special calls for papers in conjunction with the two renal APS conferences. The invited reviews on translational research have been appearing on a regular basis, and we plan to continue to include translational topics over the coming years. All of the invited reviews have been well received and provide a valuable contribution to AJP-Renal.

With your help, the Associate Editors and I are committed to continuing to publish 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 continues to be to make AJP-Renal the home for the best papers in Renal Physiology, defined in its broadest sense. We encourage you to continue 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 Sands**  
Editor-in-Chief, AJP-Renal

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Treasurer: **Jeff Garvin**, 313-916-2048, jgarvin1@hfhs.org  
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