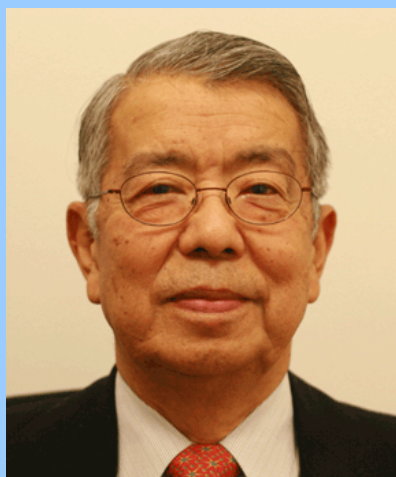


## *The 2007 ASPET Julius Axelrod Award Winner :*

### **Tong H. Joh, PhD**



The Julius Axelrod Award in Pharmacology was established to honor the memory of the eminent American pharmacologist who shaped the fields of neuroscience, drug metabolism and biochemistry. The award is given to recognize outstanding scientific contributions in research and mentoring. Dr. Joh is currently Professor Emeritus of Neurobiology, Weill Medical College and Graduate School of Basic Medical Sciences at Cornell University. He is a graduate of Seoul National University in Korea and received his PhD from New York University.

From his PhD studies to the present, Dr. Joh's goal has been to characterize dopamine (DA) neuronal plasticity, biochemistry and genetic analysis of catecholamine biosynthesis, especially DA biosynthesis, and molecular and cellular mechanisms that underlie DA neuronal degeneration.

Dr. Joh used Julius Axelrod's early findings as a stepping stone to vastly increase scientific knowledge of the catecholamine neurotransmitters. Dr. Joh was a leader in the development of critical tools for investigating the catecholamines and the proteins responsible for producing these chemicals, including antibodies and molecular biology reagents. Using these tools, Dr. Joh paved the pathway for current understanding in the development of the catecholamine network in the brain and nervous system, the factors controlling catecholamine expression and the role of the catecholamines in stress and hypertension. These early fundamental discoveries are now being applied to understanding neurological disorders and diseases.

Dr. Joh has been a remarkable and dedicated mentor to doctoral students, post-doctoral fellows and faculty. He has served as mentor and role model well beyond the domain of his own research group.

**Dr. Joh will deliver the ASPET-Julius Axelrod Award lecture titled "Phox and Nox and ROS in a box of dopaminergic neurodegeneration: Roles of MMP-3" on Sunday, April 29, from 8:15-9:15 a.m. in Room 143A/B of the Washington Convention Center at this year's Experimental Biology.**

*His award will be presented at the ASPET Business Meeting on April 28, 7 p.m. in Ballroom A of the Washington Convention Center.*

#### Inside this Issue:

- Award Winners for 2007
- Election Results
- Division Election Results
- EB 2007 Information
- New ASPET Database



# The PHARMACOLOGIST

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## Have you paid your 2007 Membership Dues?

Membership dues are now past due. If you have not paid your 2007 dues, please be sure to pay your dues at [www.aspet.org](http://www.aspet.org).

*The Pharmacologist* is published and distributed by the American Society for Pharmacology and Experimental Therapeutics.

### Editor

Suzie Thompson

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### President-Elect



**Joseph A. Beavo, Jr.**, Professor of Pharmacology at University of Washington, will assume the duties and responsibilities of President-Elect of ASPET in July 2007. Dr. Beavo has been a member of ASPET since 1981. From 1993 – 1999 he served on the Program Committee. He was elected ASPET Councilor from 2000-2003 and has served on the Finance Committee since 2004. As Senior Councilor, he chaired the Torald Sollmann Award Committee from 2001-2003. Dr. Beavo served as an Associate Editor of *Molecular Pharmacology* from 1986-1990 and as an Associate Editor of *Pharmacological Reviews* from 1996-2001.

### Secretary/Treasurer-Elect



**Susan G. Amara**, Thomas Detre Professor and Chair of Neurobiology, Professor of Pharmacology and Co-Director of the Center for Neuroscience at University of Pittsburgh, will become Secretary/Treasurer-Elect in July 2007. Dr. Amara has been a member of ASPET since 1995. She served on the Program Committee from 1996-2000 and as the Neurobiology Theme Representative to the EB Program Committee in 1997 and 1998. She also served on the IUPHAR 2002 Program Committee. Dr. Amara received the John J. Abel Award in 1993 and served on the J. J. Abel Award Committee in 1996 and from 2003-2006. She was a member of the Goodman and Gilman Award Committee in 1997 and currently serves on ASPET's consolidated Awards Committee. Dr. Amara was elected to the Nominating Committee in 1999. She is currently an at-large member of the Executive Committee of the Division for Neuropharmacology and serves on the Editorial Advisory Board of *Molecular Interventions*.

### Councilor



**John S. Lazo**, Allegheny Foundation Professor and Director of the Drug Discovery Institute in the Department of Pharmacology at University of Pittsburgh School of Medicine and Director of the Fiske Drug Discovery Laboratory at University of Pittsburgh Cancer Institute, will assume the position of Councilor in July 2007. Dr. Lazo has been a member of ASPET since 1981. He was a member of the Program Committee from 1989-1995. He belonged to the Section for Genetic and Molecular Based Therapies from 1993-1995. Dr. Lazo was elected to the Nominating Committee in 2000. From 1989-1997 he was on the Editorial Board of *Pharmacological Reviews*; from 1998-2000 he was Associate Editor for the *Journal of Pharmacology and Experimental Therapeutics*; and from 2000-2005 he was Associate Editor for *Molecular Pharmacology*. He has been a member of the Board of Publications Trustees since 1997 and currently serves as the Chair of the Editorial Advisory Board for *Molecular Interventions*.





**Michael D. Ehlers, MD, PhD**

***John J. Abel Award***

Michael D. Ehlers, MD, PhD, associate professor of Neurobiology and Wakeman Scholar in the Department of Neurobiology at Duke University and Investigator of the Howard Hughes Medical Institute, is the recipient of the 2007 John J. Abel Award, sponsored by Eli Lilly & Co. The Award is given to a single young investigator for original, outstanding research contributions in the field of pharmacology.

Dr. Ehlers received his BS degree in chemistry at the California Institute of Technology before pursuing graduate and medical studies in neuroscience at the Johns Hopkins University. He is a Howard Hughes Medical Institute researcher and past recipient of the NARSAD Freedman Award and the Eppendorf & Science Prize in Neurobiology.

Dr. Ehlers' research focuses on brain plasticity and specifically on the cell biological basis of neural plasticity. He seeks to understand protein trafficking and turnover in dendrites and their relationship formation and function. In his laboratory, Dr. Ehlers has demonstrated different methods neurons use to self regulate electrical activity. More recently, he has shown how internal cell structures called recycling endosomes trigger a prolonged burst in neuron's electrical activity by causing a surge in so-called AMPA receptors.



**P. Jeffrey Conn, PhD**

***Pharmacia-ASPET Award for Experimental Therapeutics***

Peter Jeffrey Conn, PhD, of Vanderbilt University Medical Center is the recipient of the 2007 Pharmacia-ASPET Award for Experimental Therapeutics. The Pharmacia-ASPET Award for Experimental Therapeutics is given annually to recognize and stimulate outstanding research in pharmacology and experimental therapeutics—basic laboratory or clinical research that has had, or potentially will have, a major impact on the pharmacological treatment of disease. This award is funded by an endowment from Pharmacia (now Pfizer) and by ASPET.

Dr. Conn received a BS degree from Lee University in Cleveland, Tennessee and a PhD in pharmacology from Vanderbilt. Early in his professional career he was a research associate at Vanderbilt and later moved to Yale University School of Medicine for postdoctoral work. He became assistant professor and later full professor in pharmacology at Emory University School of Medicine. Dr. Conn then moved to Merck Research Laboratories to direct the Neuroscience group at their site near Philadelphia, Pennsylvania before returning to Vanderbilt where he is Director of the Program in Translational Neuropharmacology and Director of the VICB Program in Drug Discovery, which tries to facilitate translation of recent advances in basic science to novel therapeutics.

Dr. Conn is an internationally recognized expert in translational pharmacology in the neuroscience field. His current research focuses on the development of novel treatment strategies for Parkinson's disease, schizophrenia, and other brain disorders. Dr. Conn has established himself as an international expert on glutamate neuronal functions and pharmacology in the hippocampus, and he has explored therapeutic opportunities for epilepsy, neuroprotection, and anxiety disorders. His laboratory was the first to elucidate a selective agonist tool for G-protein glutamate "metabotropic" receptors, without activity at ion channel linked glutamate receptors. Dr. Conn serves on several scientific Advisory Boards of multiple pharmaceutical and biotech companies and the Michael J. Fox Foundation. Dr. Conn is currently Editor of *Molecular Pharmacology*.



**Robert Schwarcz, PhD**  
***ASPET Epilepsy Award***

Robert Schwarcz, PhD, Professor of Psychiatry, Pharmacology and Pediatrics at the University of Maryland School of Medicine, is the recipient of the 2007 ASPET-Epilepsy Award. The Award is sponsored by ASPET and the International League Against Epilepsy and donated by Pfizer. The award is to recognize and stimulate outstanding research leading to better clinical control of epileptic seizures.

A native of Vienna, Austria, Dr. Schwarcz received his PhD from the University of Vienna. Following postdoctoral work at Johns Hopkins University and the Karolinska Institute, he joined the faculty of the University of Maryland School of Medicine in 1979. He is currently Professor of Psychiatry, Pharmacology and Pediatrics and Director of Neuroscience Research in Psychiatry at the University of Maryland.

Dr. Schwarcz is an internationally renowned neuroscientist who has pioneered the study of molecular and cellular mechanisms underlying neurodegenerative and seizure disorders. In particular, Dr. Schwarcz was the first to show that it is possible to protect nerve cells from injury using specific pharmacological interventions (glutamate receptor antagonists). His discoveries and concepts, which have led to several patents, are documented in more than 250 articles in peer-reviewed scientific journals and have resulted in several prizes and other academic honors. Dr. Schwarcz was Chair of the International Advisory Board of the Brain Research Institute in Vienna, Austria and is a much sought-after lecturer at academic institutions and scientific conferences.



**Sue P. Duckles, PhD**  
***ASPET-Torald Sollmann Award***

Sue Duckles, PhD, Professor and Vice Chair of Pharmacology and Associate Dean at the University of California-Irvine School of Medicine, is the recipient of the 2007 Torald Sollmann Award. The Award was established by Wyeth Research to commemorate the pioneering work in America of Dr. Torald Sollmann in the fields of pharmacological investigation and education. Dr. Duckles was selected for this Award because of her outstanding and productive research career, her devotion to the teaching of pharmacology, and her unparalleled service to ASPET and the discipline it represents.

A native of Oakland, California, she received her BA in Philosophy from UC Berkeley and received a PhD in Pharmacology from UC San Francisco. After postdoctoral studies at UCLA, Dr. Duckles was appointed Assistant Professor in Residence. She joined the Department of Pharmacology at the University of Arizona, subsequently moving to UC Irvine in 1985.

Dr. Duckles is a cardiovascular pharmacologist and neuroscientist interested in the unique function of the cerebral circulation. Current research includes the influence of gender and sex steroid hormones on vascular reactivity and effects of estrogen on mitochondrial function. Dr. Duckles' laboratory discovered a novel effect of estrogen on mitochondrial function. These findings suggest that vascular protection by estrogen may be mediated, in part, by modulation of mitochondrial function and may also contribute to the longer lifespan of women. Dr. Duckles' work also demonstrates that chronic estrogen treatment increases vasodilator function of cerebral microvessels.



## ASPET AWARD WINNERS FOR 2007

At UC Irvine, Dr. Duckles has developed innovative programs to support the career development of junior faculty, including Strategic Planning sessions to assist beginning faculty to set and revise short-term and long-term goals. Many of the programs developed by Dr. Duckles were subsequently incorporated into the UCI NSF Advance Program, where they have contributed to the recruitment, promotion and retention of women faculty across the campus.

An active leader in pharmacology at both the national and international levels, Dr. Duckles served as President of the Western Pharmacology Society, President of the American Society for Pharmacology and Experimental Therapeutics and as a member of the Board of Directors and Vice President for Science Policy for the Federation of American Societies for Experimental Biology. In 2000 she became founding Chair of the Editorial Board for a new ASPET publication, *Molecular Interventions*. Following a four year term as Secretary General, Dr. Duckles currently serves as President of the International Union of Pharmacology.

**Dr. Duckles will give the ASPET-Torald Sollman Lecture, entitled "A career in Pharmacology: In search of beauty and joy," on Sunday, April 29, from 1:30 – 2:30 p.m. in Room 143A/B of the Washington Convention Center.**

### [ASPET-Astellas Awards in Translational Pharmacology](#)

The ASPET-Astellas Awards in Translational Pharmacology are intended to recognize pharmacological research accomplishments that seek to extend fundamental research closer to applications directed towards improving human health. The awards are given to 1) recognize those individuals whose research has the potential to lead to the introduction of novel pharmacologic approaches or technologies that may offer significant advances in clinical medicine in the future and 2) to facilitate that translational process. The awards are made possible by a grant to ASPET from the Astellas Foundation, and there are three recipients.



#### **Kathryn A. Cunningham, PhD** **[ASPET-Astellas Awards in Translational Pharmacology](#)**

Kathryn A. Cunningham, PhD, of the University of Texas Medical Branch at Galveston is a recipient of the 2007 ASPET-Astellas Award in Translational Pharmacology.

Dr. Cunningham is currently the Chauncey Leake Distinguished Professor of Pharmacology, Director of the UTMB Center for Addiction Research and Vice Chairman of the UTMB Department of Pharmacology and Toxicology. She received her PhD from the University of South Carolina and shortly after moved to Galveston as a postdoctoral fellow, eventually joining the faculty in the Department of Pharmacology and Toxicology.

Dr. Cunningham and her laboratory are at the forefront of attempts to discover and validate new strategies to enhance abstinence, reduce craving and prevent relapse of individuals with drug abuse and addictive disorders. Her group is uniquely focused on the prospects of extant and novel serotonin (5 HT) ligands to meet these goals. Data provided from her laboratory support a serotonergic basis for the progression to psychostimulant addiction and suggest the potential of targeted serotonergic medications for tackling relapse and extending abstinence. Dr. Cunningham and her team have developed four integrated projects aligning human subjects, animal models, molecular/cellular models and medicinal chemistry methodologies into a truly translational approach to determine the efficacy of new, rationally-designed serotonergic strategies targeted to reduce relapse during withdrawal and abstinence.



## ASPET AWARD WINNERS FOR 2007



### **Liewei Wang, MD, PhD**

#### ***ASPET-Astellas Awards in Translational Pharmacology***

Liewei Wang, MD, PhD, of the Mayo Clinic College of Medicine is a recipient of the 2007 ASPET-Astellas Award in Translational Pharmacology.

Dr. Wang received her MD from FuDan University Medical School in Shanghai, China and her PhD from the Mayo Clinic. She is currently an associate consultant in the Division of Clinical Pharmacology at the Mayo Clinic College of Medicine.

Dr. Wang has demonstrated for the first time in pharmacogenetics that proteasome-mediate protein degradation plays a genetically controlled role in how an individual responds to drugs metabolized by the thiopurine S-methyltransferase enzyme. This study opened a whole new area for the study of the pharmacogenetics of drug response. More recently she has moved from studying drug metabolism to studying drug targets. In particular she is studying ethnic variability in the response to bortezomib, a drug used to treat highly malignant multiple myeloma. She is testing whether the target for this drug, one particular subunit of the proteasome, is subject to genetic variability that would make it more or less sensitive to bortezomib, resulting in either toxicity or lack of efficacy, respectively. Using similar methodology, she also discovered 93 genetic polymorphisms in the Glucocorticoid receptor gene, data that would account for the high degree of variability in response of patients given dexamethasone.



### **P. Jeffrey Conn, PhD**

#### ***ASPET-Astellas Award in Translational Pharmacology***

Peter Jeffrey Conn, PhD, of Vanderbilt University Medical Center is a recipient of the 2007 ASPET-Astellas Award in Translational Pharmacology.

Dr. Conn received a BS degree from Lee University in Cleveland, Tennessee and a PhD in pharmacology from Vanderbilt. Early in his professional career he was a research associate at Vanderbilt and later moved to Yale University School of Medicine for postdoctoral work. He became assistant professor and later full professor in pharmacology at Emory University School of Medicine. Dr. Conn then moved to Merck Research Laboratories to direct the Neuroscience group at their site near Philadelphia, Pennsylvania before returning to Vanderbilt where he is Director of the Program in Translational Neuropharmacology and Director of the VICB Program in Drug Discovery, which tries to facilitate translation of recent advances in basic science to novel therapeutics.

Dr. Conn is an internationally recognized expert in translational pharmacology in the neuroscience field. His current research focuses on the development of novel treatment strategies for Parkinson's disease, schizophrenia, and other brain disorders. Dr. Conn has established himself as an international expert on glutamate neuronal functions and pharmacology in the hippocampus, and he has explored therapeutic opportunities for epilepsy, neuroprotection, and anxiety disorders. His laboratory was the first to elucidate a selective agonist tool for G-protein glutamate "metabotropic" receptors, without activity at ion channel linked glutamate receptors. Dr. Conn serves on several scientific Advisory Boards of multiple pharmaceutical and biotech companies and the Michael J. Fox Foundation. He serves on several national and international committees. Dr. Conn is currently Editor of *Molecular Pharmacology*.

**All awards will be presented on Saturday, April 28 at 7:00p.m. at the ASPET Business Meeting during Experimental Biology 2007 in Washington, D.C. The ceremony will take place at the Washington Convention Center, Ballroom A.**



***Graduate Student Travel Award Winners to EB 2007***

**Amy Arnold** - Wake Forest University  
**Nella Barshteyn** - University of Wisconsin-Madison  
**Rayna Bauzo** - Emory University  
**Tara Summer Bender** - East Carolina University  
**Tooba A. Cheema** - University of Michigan-Ann Arbor  
**Tom Cherng** - University of New Mexico  
**Mani Chopra** - Baylor College of Dentistry  
**Davelle Leigh Cocking** - Washington State University  
**Jaime D'Agostino** - State University of New York-Albany  
**Jessica Diaz** - Michigan State University  
**Nichole Dowdy-Sanders** - University of Arkansas for Medical Sciences  
**Bradford Fischer** - University of North Carolina-Chapel Hill  
**Ashley A. Fisher** - University of Arizona  
**Ingrid P. Fricks** - University of North Carolina School of Medicine  
**Efrain Garcia** - Vanderbilt University  
**Fernanda Regina Casagrande Giachini** - Medical College of Georgia  
**Karen Gregory** - Monash University  
**Kristen Hillman** - University of North Dakota  
**Yosuke Horikawa** - University of California-San Diego and VASDHS  
**Ruchita Kapoor** - North Dakota State University  
**Paige S. Katz** – Louisiana State University Health Sciences Center  
**Pimonrat Ketsawatsomkron** - Medical College of Georgia  
**Fadi T. Khasawneh** - University of Illinois-Chicago  
**Sung Hwan Ki** - Seoul National University  
**Porche' D. Kirkland** - Emory University  
**Erik Robert Kline** - Emory University  
**Marina Komolova** - Queen's University  
**Megan E. Kozisek** - University of Nebraska Medical Center  
**Melissa W. Li** - Michigan State University  
**Rui Lin** - University of Houston  
**Sarah Hoffmann Lindsey** - Louisiana State University Health Sciences Center  
**Tracie Locklear** - University of Illinois-Chicago  
**Belinda Luo** - University of Connecticut  
**Alexander R. Mackie** - Loyola University-Chicago  
**Jennifer Martelle** - Wake Forest University School of Medicine  
**Chad McKee** - University of Texas-Austin  
**Samuel C. McNeely** - University of Louisville  
**Yi Miao** - University of Kansas Medical Center  
**Dovenia Ponnoth** - West Virginia University  
**Jianbing Qin** - Creighton University  
**Ali Razmara** - University of California-Irvine  
**Abbey L. Reed** - University of Nebraska Medical Center  
**Marcelo de Avilez Rocha** - UMDNJ-Robert Wood Johnson Medical School  
**Rebecca A. Roof** - University of Michigan  
**Dania V. Rossi** - University of Texas Health Science Center-San Antonio  
**Vijay Sharma** - University of British Columbia  
**Madelyn Stumpf** - Saint Louis University  
**Xiaowei Sun** - University of Alabama-Birmingham  
**James Surapisitchat** - University of Washington





## ASPET AWARD WINNERS FOR 2007

**Harley Sy Yong** - University of British Columbia  
**Ekaterina A. Terebova** - Purdue University  
**Der Thor** - University of the Pacific  
**Inimary Toby** - The Ohio State University  
**Melissa I. Torres-Altora** - Purdue University-West Lafayette, Indiana  
**John A. Tran** - University of California-Irvine  
**Radhika R. Tunstall** - North Dakota State University  
**Crystal C. Walline** - Purdue University  
**Jason M. Walraven** - University of Louisville School of Medicine  
**Nichelle Chantil Whitlock** - University of Tennessee-Knoxville  
**Stephanie M. Zamule** - Pennsylvania State University  
**Saiprasad M. Zemse** - Medical College of Georgia  
**Xin Zhou** - N.Y. Department of Health

### *Young Scientist Travel Award Winners to EB 2007*

**Salah-uddin Ahmed** - University of Michigan Medical School  
**Terry Ann Brown-Bryan** - Loma Linda University School of Medicine  
**Xiaoling Dai** - Michigan State University  
**Amy K. Goodwin** - Johns Hopkins University  
**Yagna P.R. Jarajapu** - Wake Forest Institute of Regenerative Medicine  
**Xue Jiang** - University of Texas Medical Branch  
**Vardan Karamyan** - University of Mississippi  
**Jonathan Ledoux** - University of Vermont  
**Jun-Xu Li** - University of Texas Health Science Center-San Antonio  
**Aurea Elizabeth Linder** - Michigan State University  
**Brett M. Mitchell** - Baylor College of Medicine  
**David L. Roman** - University of Michigan Medical School  
**Upal Roy** - Tulane University Health Sciences Center  
**Jianzhong Shen** - Lerner Research Institute, Cleveland Clinic Foundation  
**Jeffery N. Talbot** - Ohio Northern University  
**Ann A. Tobin** - Medical College of Wisconsin  
**Yasuo M. Tsutsumi** - University of California-San Diego  
**Jennifer L. Wacker** - University of Washington  
**Sara Jane Ward** - Temple University  
**I. Jovan Williams** - Virginia Commonwealth University

### *Summer Undergraduate Research Fellow Travel Awards*

**Adna Halilovic** - University of California-San Diego  
**Stephanie Hartz** - University of Arizona Health Sciences Center  
**Alicia M. (Hardt) Hinze** - University of Nebraska Medical Center

All Award Nominations for 2008 will need to be submitted electronically. For more information about 2008 Award Nominations, please visit the ASPET website at [www.aspet.org](http://www.aspet.org).



# American Society for Pharmacology and Experimental Therapeutics at Experimental Biology 2007 – Washington, DC

All rooms listed are in the Washington Convention Center unless otherwise noted.

Exhibits 9:00 AM-4:00 PM Sun – Mon and 9:00 AM-3:30 PM Tues

ASPET Booths = 1104 & 1106

Friday April 27	Sunday AM April 29	Sunday PM April 29	Monday AM April 30	Monday PM April 30	Tuesday AM May 1	Tuesday PM May 1	Wednesday AM May 2
<p><b>3rd ASPET GPCR Colloquium-</b> Day 1 <b>K. Neve, O. Civelli</b> 7:30 AM-5:00 PM 204A/B/C</p> <p>Separate, pre-registration required</p>	<p><b>Julius Axelrod Lecture</b> Phox &amp; Nox &amp; ROS in a Box of Dopaminergic Neurodegeneration: Roles of MMP-3 <b>T. Joh</b> 8:15 AM- 9:15 AM 143A/B</p>	<p><b>Torald Sollmann Lecture</b> A Career in Pharmacology: In Search of Beauty &amp; Joy <b>S. Duckles</b> 1:30 PM-2:30 PM 143A/B</p>	<p><b>ASPET/APS Women's Committees Workshop</b> Being heard: The micro-inequities that tilt the playing field <b>S. Steinberg, H. Brevig, K. Berecek</b> 8:00 AM-10:00 AM 201</p>	<p><b>Public Policy Session</b> NIH at the crossroads: How diminished funds will impact biomedical research and what scientists can do about it <b>L. Furcht</b> 12:45 PM-1:45 PM Convention Ctr, Ballroom C</p>	<p>Regulation of drug metabolizing enzymes &amp; transporters in inflammatory disease states <b>E. Morgan</b> 9:30 AM-12:00 PM 140B <b>DM, CPTM, DDR, SIP, TOX</b></p>	<p><b>Drug Metabolism Div Division Early Career Achievement Award Lecture:</b> Xenobiotic-activated Receptors: From Transcription, To Drug Metabolism, To Disease <b>Q. Ma</b> 2:00 PM-3:00 PM 143C</p>	<p>Pharmacology and signal transduction of taste <b>K. Palmer</b> 8:30 AM-11:00 AM 141 <b>BEH, MP, NEU, SIP</b></p>
<p><b>Behavioral Pharmacology Society Meeting –</b> Day 1 1:00 PM-6:00 PM 201</p> <p>Separate, pre-registration required</p>	<p>Cannabinoids &amp; endocannabinoids I: Pain &amp; obesity <b>A. Lichtman, J. Wiley</b> 9:30 AM-12:00 PM 143C <b>BEH, DDR, NEU, SIP</b></p>	<p>Cannabinoids &amp; endocannabinoids II: Response to pathogenic processes <b>B. Bahr, S. Mukhopadhyay</b> 3:00 PM-5:30 PM 143C <b>NEU, BEH</b></p>	<p><b>Ray Fuller Lecture</b> Case Study from Bench to Bedside: Modulators of mGlu2 and mGlu3 Receptors to Treat Psychiatric Disorders <b>D. Schoepp</b> 8:15 AM-9:15 AM 143A/B</p>	<p><b>Behavioral Pharmacology Division Programming</b> It's all the rave: Behavioral, neuropharmacological and toxic effects of MDMA and methamphetamine <b>M. Nader, M. Banks</b> 3:00 PM-5:30 PM 140B</p>	<p><i>Developmental Pharmacology Theme</i> Molecular mechanisms of chemical teratogenesis <b>P. Wells</b> 9:30 AM-12:00 PM 141 <b>TOX, DM</b></p>	<p><b>Drug Metabolism Division Platform Session</b> Biotransformation and drug transport <b>L. Kaminsky, K. Thummel</b> 3:00 PM-5:30 PM 143C</p>	<p><i>Developmental Pharmacology Theme</i> Perinatal stress alters drug responses into adulthood <b>M. Kuhar</b> 8:30 AM-11:00 AM 140B <b>NEU, BEH, SIP</b></p>
<p style="text-align: center;"><b>Saturday April 28</b></p>							
<p><b>3rd ASPET GPCR Colloquium –</b> Day 2 <b>K. Neve, O. Civelli</b> 7:30 AM-4:30 PM 204A/B/C</p> <p>Separate, pre-registration required</p>	<p>Higher order organization of GPCR signaling components: Lipid rafts &amp; multimeric protein complexes <b>R. Ostrom</b> 9:30 AM-12:00 PM 140B <b>MP, CVP, DDR, NEU</b></p>	<p><i>Pharmacogenomics Theme</i> Genetic regulations of GPCR G-protein/adenylyl cyclase signaling: Implication in pathobiology &amp; therapeutics <b>R. Feldman</b> 3:00 PM-5:30 PM 143A/B <b>CPTM, CVP, DDR, MP, SIP</b></p>	<p><b>Ray Fuller Symposium</b> Promise &amp; pitfalls in the search for new drugs targeted at metabotropic glutamate receptors <b>D. Schoepp</b> 9:30 AM-12:00 PM 143A/B <b>NEU</b></p>	<p><i>Pharmacogenomics Theme</i> <b>Toxicology Division Programming:</b> Toxicogenomics approaches for evaluating drug &amp; chemical toxicity <b>C. Omiecinski</b> 3:00 PM-5:30 PM 142</p>	<p><i>Pharmacogenomics Theme</i> <b>Clinical Pharmacology, Pharmacogenomics &amp; Translational Medicine Division Programming:</b> The regulatory approach to pharmacogenomics: An international perspective <b>L. Lesko, F. Frueh</b> 9:30 AM-12:00 PM 142</p>	<p><b>Neuropharmacology Division</b> Postdoctoral Scientist Award Finalists <b>S. Amara</b> 3:00 PM-5:30 PM 140B</p>	<p>Mechanisms of idiosyncratic drug reactions <b>C. Ju, D. Petersen</b> 8:30 AM-11:00 AM 142 <b>TOX, CPTM, DDR, DM</b></p>
<p><b>Behavioral Pharmacology Society Meeting –</b> Day 2 8:00 AM-5:00 PM 201</p> <p>Separate, pre-registration required</p>	<p><i>Pharmacogenomics Theme</i> Pharmacogenomics: Frontiers to the future <b>R. Long, R. Weinshilboum</b> 9:30 AM-12:00 PM 143A/B <b>CPTM, DM, TOX, EDU</b></p>	<p><i>Pharmacogenomics Theme</i> Pharmacogenomics 101: Incorporating the current issues into the curriculum <b>J. Strandhoy</b> 3:00 PM-5:30 PM 208A/B <b>EDU</b></p>	<p><i>Pharmacogenomics Theme</i> Cardiovascular pharmacogenomics: From theory to practice <b>D. Roden, J. Johnson</b> 9:30 AM-12:00 PM 143C <b>CVP, CPTM, SIP</b></p>	<p><i>Pharmacogenomics Theme</i> Recent advances in understanding of the flavin-containing monooxygenases: Role in disease and adverse drug reactions <b>R. Hines, D. Williams</b> 3:00 PM-5:30 PM 143C <b>DM, SIP, TOX</b></p>	<p><i>Pharmacogenomics Theme</i> Impact of pharmacogenomics on the treatment of neuro-psychiatric disorders - From drug target to targeted therapy <b>L. Nisenbaum</b> 9:30 AM-12:00 PM 143A/B <b>DDR, NEU, BEH, CPTM, SIP</b></p>	<p><i>Pharmacogenomics Theme</i> Mouse meets man: Advanced murine models for use in cancer drug development <b>T. Stover, D. Tuveson</b> 3:00 PM-5:30 PM 141 <b>DDR</b></p>	<p><i>Pharmacogenomics Theme</i> Genetic variations in regulatory factors affecting drug metabolism/disposition <b>E. Schuetz</b> 8:30 AM-11:00 AM 143C <b>DM, CVP, CPTM, TOX</b></p>
<p><b>2007 Teaching Institute</b> Integrated strategies in pharmacology education: Simulation, case- &amp; team-based approaches <b>L. Crespo, J. Warnick</b> 12:30 PM-3:00 PM 142</p>	<p><i>Developmental Pharmacology Theme</i> Nicotine modulates adolescent brain plasticity: Molec, neurochem &amp; behav changes <b>M. Matta, B. Sharp, F. Leslie</b> 9:30 AM-12:00 PM 142 <b>NEU, CPTM, SIP</b></p>	<p>No time to be "bad to the bone:" Osteoporosis and bone research in 2007 <b>H. Bryant, L. Nisenbaum</b> 3:00 PM-5:30 PM 142 <b>SIP, WIP</b></p>	<p><i>Developmental Pharmacology Theme</i> Child &amp; adolescent depression: Why do kids &amp; adults respond differently to antidepressants? <b>D. Bylund</b> 12:30 AM-12:00 PM 142 <b>BEH, CPTM, NEU, SIP</b></p>	<p>Early clinical development strategies for monoclonal antibody experimental agents in non-oncology indications <b>M. Mascelli</b> 3:00 PM-5:30 PM 141 <b>CPTM, CVP, DDR</b></p>		<p><b>Molecular Pharmacology Division</b> Postdoctoral Award Finalists <b>S. Lanier</b> 3:00 PM-5:30 PM Hyatt Hotel Constitution C Ballroom</p>	<p>Nitric oxide deficiency and cardiovascular disease <b>A. Chen</b> 8:30 AM-11:00 AM 143A/B <b>SIP, CVP</b></p>

# American Society for Pharmacology and Experimental Therapeutics at Experimental Biology 2007 – Washington, DC

All rooms listed are in the Washington Convention Center unless otherwise noted.

Saturday April 28	Sunday AM April 29	Sunday PM April 29	Monday AM April 30	Monday PM April 30	Tuesday AM May 1	Tuesday PM May 1	Wednesday AM May 2
<b>Diversity Committee Workshop</b> Mentoring: How to find a good mentor and how to be a good mentor <b>M. Davila-Garcia, G. Torres</b> 1:00 PM-3:15 PM 143C	Technology Series: Nanotechnology in disease & therapeutics <b>S. Sengupta</b> 9:30 AM-12:00 PM 141 <b>DDR, TOX</b>	Toxicology of nanomaterials <b>N. Monteiro-Riviere, M. Fariss</b> 3:00 PM-5:30 PM 141 <b>TOX, CVP, DDR</b>	Posttranscriptional regulation of gene expression <b>D. Port</b> 9:30 AM-12:00 PM 140B <b>MP, CVP, DDR, SIP</b>	<b>Cardiovascular Pharmacology Division Programming</b> Junior Scientists Competition <b>E. Songu-Mize, A. Miller, K. Fetalvero</b> 3:00 PM-4:45 PM 208A/B  <b>Benedict R. Lucchesi Distinguished Lecture</b> A Novel Cardioprotective Paradigm: The CYP450 Pathway of Arachidonic Acid Metabolism <b>G. Gross</b> 5:00 PM-6:00 PM 208A/B		<b>Systems &amp; Integrative Pharmacology Division Programming</b> Regenerative pharmacology: Integrative pharmacology of engineered tissue <b>G. Christ</b> 3:00 PM-5:30 PM 142	
<b>Graduate Student-Postdoc Colloquium</b>  Pharma Phair <b>S. Watts, W. Prozialeck</b> 3:15 PM-5:30 PM 143AB	<b>Pharmacology Education Division Programming</b> Pharmacological characterization of modified genotypes: The fundamentals <b>W. Jeffries</b> 9:30 AM-12:00 PM 156	Cardiovascular gene therapy <b>P. Hermonat</b> 3:00 PM-5:30 PM 140B <b>CVP, CPTM, SIP</b>	<b>Drug Discovery, Development &amp; Regulatory Affairs Division Programming</b> Assessing abuse liability for drug discovery and development: A changing environment <b>R. Alper</b> 9:30 AM-12:00 PM 141			Multiple calcium channels in the vasculature: Regulation of arterial tone <b>J. Brayden</b> 3:00 PM-5:30 PM 143A/B <b>CVP, MP</b>	
<b>ASPET BUSINESS MEETING &amp; AWARDS RECEPTION</b>  6:00 PM-9:00 PM Convention Center Ballroom A		<b>STUDENT/POSTDOC/ MENTOR MIXER AND BEST ABSTRACT COMPETITION</b>  6:00 PM-8:00 PM Hyatt Hotel Constitution Ballroom		Imaging localized cAMP signaling dynamics organized by AKAP scaffold proteins and phosphodiesterases <b>M. Dell'Acqua</b> 3:00 PM-5:30 PM 143A/B <b>MP, CVP, NEU</b>			

Posters will be displayed 7:30 AM – 6:00 PM Sunday & Monday; and 7:30 AM – 3:30 PM Tuesday & Wednesday (Late-breaking posters on Wednesday)  
 Authors must be present by their boards 12:30 – 2:45 PM Sunday – Tuesday and 11:30 AM – 1:45 PM Wednesday

### Sunday Poster Sessions

Behavioral Pharmacology of Cannabinoids  
 Behavioral Pharmacology: Opioid Systems  
 Behavioral Pharmacology of Sedative Drugs  
 DM: Pharmacogenomics/Proteomics  
 DM: Pharmacokinetics/Toxicokinetics  
 Genomics/Proteomics  
 GPCR I  
 GPCR 2  
 G-protein Signaling  
 Hormones/Hormone Receptors  
 Pharmacology and Women's Health  
 Renal Pharmacology/Toxicology  
 Pharmacology - General

### Monday Poster Sessions

Drugs of Abuse  
 Behavioral Pharmacology: Serotonin Systems  
 Lasting Behavioral Consequences of Drugs/Stressors  
 Learning and Cognitive Function  
 Neuropharmacology General 1  
 Neuropsychiatric Disorders  
 Neurotransmitter Receptors  
 GPCR: Signal Transduction  
 Signal Transduction: Kinases/Phosphatases  
 Signal Transduction: Second Messenger Systems  
 CV: General  
 CV : Cardiac Injury/Protection/Remodeling  
 Inflammation/Cardiovascular  
 Mechanisms of Cell Injury/Death  
 GI Pharmacology/Toxicology  
 Developmental Pharmacology/Toxicology  
 DM: Reactive Metabolites/Toxicity

### Tuesday Poster Sessions

Calcium Channels and Other Channels  
 Potassium Channels and Other Channels  
 Vascular Smooth Muscle  
 Smooth Muscle Pharmacology  
 Vascular Pharmacology: General Vasculogenesis  
 Endothelium/Endothelial Function  
 CV: Focus on Thrombosis  
 CV Control/Stroke  
 Pulmonary Pharmacology/Toxicology  
 Oxidant/Oxidative Stress  
 Neurotoxicology - General  
 Neurotransmission  
 Neuropharmacology General 2  
 DM: Gene Expression/Regulation  
 DM: Phase 1 Enzymes  
 DM: Phase 2 Enzymes  
 DM: Transporters  
 Chemotherapy  
 Clinical Pharmacology/Toxicology

# 3rd G Protein-Coupled Receptors Colloquium

**April 27-28, 2007**

**Washington, DC**

**Organized by: Kim A. Neve, Ph.D. and Olivier Civelli, Ph.D.  
Sponsored by the ASPET Division for Molecular Pharmacology  
This is a Satellite Meeting to Experimental Biology 2007**

**These are exciting times in the GPCR field. Join us for the 3<sup>rd</sup> ASPET GPCR Colloquium. Continental breakfast and lunch will be provided both days. Registration deadline is April 6, 2007.**

**For more information visit: [http://www.aspet.org/public/meetings/GPCR\\_07\\_Program.htm](http://www.aspet.org/public/meetings/GPCR_07_Program.htm)  
Register online at: [http://www.aspet.org/public/meetings/GPCR\\_regform.pdf](http://www.aspet.org/public/meetings/GPCR_regform.pdf)**

## Friday, April 27

**Jonathan A. Javitch**, *Columbia University College of Physicians and Surgeons* - The structural basis for GPCR oligomerization: Implications for activation.

**Susan R. George**, *University of Toronto* - Heterooligomerization of Class A GPCRs creates novel signaling units distinct from their constituent GPCR homooligomers.

**David L. Farrens**, *Oregon Health and Science University* - GPCR ligand binding and release: Insights and mysteries.

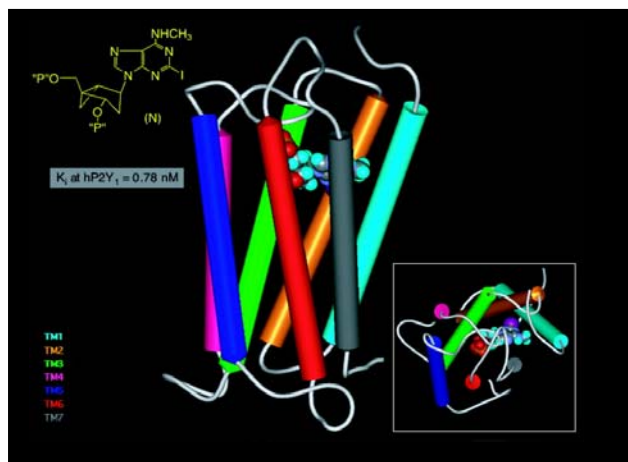
**Stephen M. Lanier**, *Medical University of South Carolina* - G proteins and their accessory proteins.

**Kevin J. Catt**, *NICHHD, NIH* - Interactions between GPCRs and receptor tyrosine kinases.

**Sudha K. Shenoy**, *Duke University Medical Center* - GPCRs, arrestins, and ubiquitination.

**Michel Bouvier**, *University of Montreal* - Multiplexing resonance energy transfer approaches to study GPCR signaling complexes in living cells.

**Emiliana Borrelli**, *University of California, Irvine* - Use of genetically engineered mice to unravel the functions of dopamine receptors.



## Saturday, April 28

**Ursula B. Kaiser**, *Brigham & Women's Hospital, Harvard Medical School* - Kisspeptin and GPR54 in the regulation of puberty and reproduction.

**Rainer K. Reinscheid**, *University of California, Irvine* - GPCRs in arousal and anxiety.

**Eric R. Prossnitz**, *University of New Mexico Health Sciences Center* - The role of GPR30 in estrogen signaling.

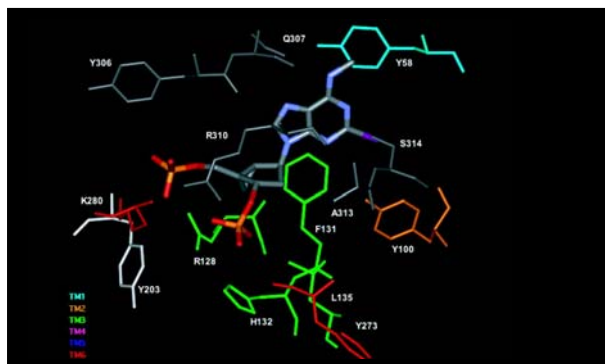
**Gerard Le Fur**, *Sanofi-Aventis* - Therapeutic benefits of inverse agonism at cannabinoid receptors.

**Roger D. Cone**, *Oregon Health and Science University* - Novel aspects of the melanocortin receptors.

**Marc Parmentier**, *Free University of Brussels* - Leucocyte chemoattractant receptors: New molecules and new concepts.

### **Special Lecture:**

**Shigetada Nakanishi**, *Osaka Bioscience Institute* - The function and regulation of G protein coupled glutamate receptors in the neural network.



# 3<sup>rd</sup> G Protein Coupled Receptors Colloquium Registration Form

FRIDAY-SATURDAY, APRIL 27-28, 2007  
WASHINGTON, DC

ORGANIZED BY: **KIM A. NEVE, PH.D. AND OLIVIER CIVELLI, PH.D.**

Sponsored by the ASPET Division for Molecular Pharmacology  
This is a satellite meeting to Experimental Biology '07

YOU CAN REGISTER IN THE FOLLOWING WAYS BEFORE **APRIL 6, 2007**

WEB: [HTTP://WWW.ASPET.ORG/PUBLIC/MEETINGS/MEETINGS.HTML](http://www.aspet.org/public/meetings/meetings.html)

MAIL: ASPET, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814

FAX: 301-634-7061

NAME/TITLE: \_\_\_\_\_  
FIRST LAST TITLE

COMPANY/INSTITUTION: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

E-MAIL: \_\_\_\_\_ PHONE: \_\_\_\_\_ FAX: \_\_\_\_\_

I WANT TO PRESENT A POSTER AND BE CONSIDERED FOR A SHORT TALK.  
(PLEASE ENCLOSE THE ABSTRACT AND ALSO EMAIL TO: [MARKIN@ASPET.ORG](mailto:MARKIN@ASPET.ORG))

ADVANCED REGISTRATION FEES (FEES INCLUDE CONTINENTAL BREAKFAST AND LUNCH):  
ASPET MEMBERS \$250.00 (U.S.)  
NON-MEMBERS \$375.00 (U.S.)  
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TOTAL ENCLOSED (US \$): \$ \_\_\_\_\_ MAKE CHECK PAYABLE TO: **ASPET**  
OR

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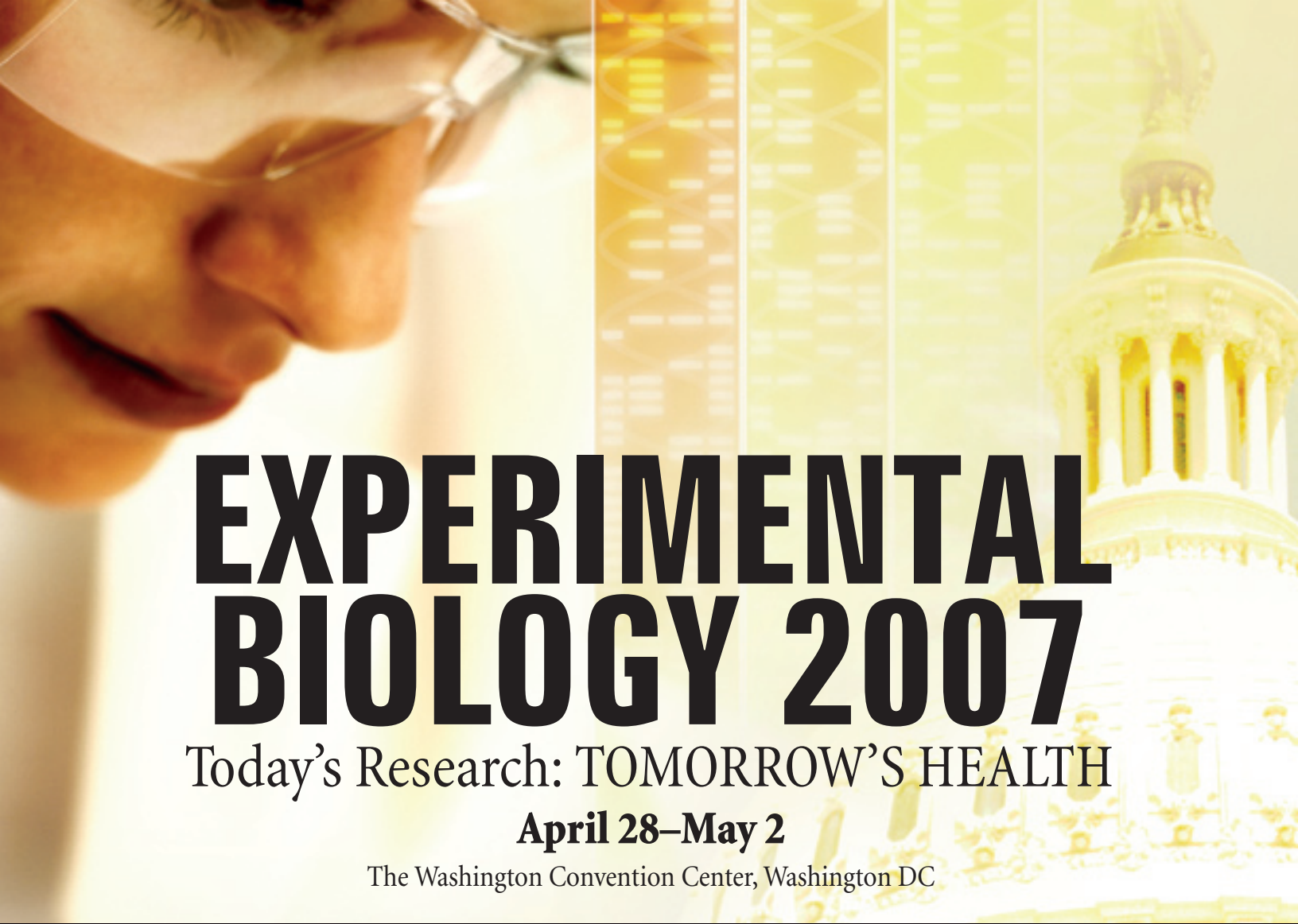
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SIGNATURE: \_\_\_\_\_  
*I AUTHORIZE ASPET TO SIGN ON MY BEHALF*

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Registrants with special needs, please contact  
ASPET's Meetings Assistant, Margie Arkin, at 301-634-7060.



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**April 28–May 2**

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JOIN US AT THE 2007

# CATECHOLAMINE CLUB DINNER

MONDAY, APRIL 30, 2007

## ZOLA

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ZOLA IS AN ELEGANT, MODERN AMERICAN RESTAURANT LOCATED IN D.C.'S HISTORIC PENN QUARTER, WITHIN THE VINTAGE LE DROIT BUILDING (1875). SITUATED DIRECTLY ABOVE THE INTERNATIONAL SPY MUSEUM, THE RESTAURANT HAS A SLEEK, SOPHISTICATED LOOK AND CARRIES THE SUBTLE UNDERTONE OF THE ROMANCE OF SPYING IN A GLAMOROUS SETTING.



Dinner and Meeting:  
Current Club members = \$60.00  
Non-members = \$95.00  
(Annual club membership is \$20)

Register and pay at  
[www.catecholamineclub.org](http://www.catecholamineclub.org).

Payment for the dinner is  
required by no later than  
**Monday, April 16th.**

ZOLA IS AN EASY 3-BLOCK WALK FROM THE WASHINGTON DC CONVENTION CENTER AND A 1/2-BLOCK WALK FROM THE GALLERY PLACE METRO STATION ON THE RED LINE.

A PRE-DINNER RECEPTION WITH AN OPEN BAR WILL BEGIN AT 7:00 P.M., FOLLOWED BY A SEATED 3-COURSE MEAL WITH WINE. AFTER DINNER, WE WILL ENJOY A LECTURE BY THE 2007 RECIPIENT OF THE ASPET JULIUS AXELROD AWARD, WHICH HONORS INVESTIGATORS FOR THEIR MENTORSHIP AND CONTRIBUTIONS TO THE FIELD OF PHARMACOLOGICAL RESEARCH.

BOTH MEMBERS AND NON-MEMBERS OF THE CLUB ARE WELCOME.



THE 2007 ASPET JULIUS AXELROD AWARD RECIPIENT IS **TONG H. JOH, PH.D.**, PROFESSOR EMERITUS OF NEUROBIOLOGY AT CORNELL UNIVERSITY.





## Wellcome Trust Open Access Policy

If you recently downloaded the Authorship Responsibility, Financial Disclosure, and Copyright Transfer form from *JPET*, *MolPharm*, or *DMD*, you may have noticed new information on the page that precedes the form itself. The Wellcome Trust (WT), one of the largest research funding agencies in the United Kingdom, has imposed open access requirements on authors whose research it funds. The WT policy places greater demands on authors than those of the NIH open access policy.

During most of 2006, news trickled out that the Wellcome Trust would soon require authors to release their research to the public on PubMed Central and a mirror site in the UK after only 6 months (versus the 12 months allowed by the NIH). However, the WT said it would pay open access fees, and—unlike the NIH—the fees would be paid in addition to research grants rather than out of them. It seemed that publishers could cover potential losses because fee payments would not rely on a researcher having enough grant money left over to pay them.

ASPET's Board of Publications Trustees voted at its fall retreat to allow immediate public access to the manuscript version of articles published in *JPET*, *MolPharm*, and *DMD* at PubMed Central and its UK mirror site immediately upon publication in the journal in exchange for an open access fee. All articles in these journals are already freely available at the respective ASPET journal's web site in manuscript form immediately upon acceptance for publication. The final version becomes freely available from its journal's site 12 months after publication.

Within days of the BPT vote, the Wellcome Trust revised its requirements. Now the open access fee will be paid only if the publisher provides the final, copyedited version of the article in XML or SGML (two computer markup languages) plus high-resolution graphics files for all illustrations. ASPET put its open access fee option on hold as a result.

The British Heart Association recently announced similar requirements, and other funding agencies may do the same.

The new requirements present two significant problems. First, there are costs to making an article fully accessible on web sites other than ASPET's, even in manuscript form. In some journals, article usage may be negligible after only a few months. Not so for ASPET's journals. Some libraries may decide to get by with free access to manuscripts or they may purchase fully-formatted content on an article-by-article basis. The Wellcome Trust is unwilling to acknowledge this. ASPET's open access experiment, begun a year ago, will show our subscribers' willingness to read manuscripts in place of fully formatted articles. We should get some indication of this from the Society's 2007 subscription renewals.

Another cost issue is online advertising revenue, which is generated by hits. Journal articles read on sites other than ASPET's decrease the number of hits on the Society's sites and therefore decrease advertising revenue. This is another point the WT refuses to acknowledge.

Would these losses kill off ASPET's journals? Maybe not, but keep in mind that two of the Society's journals have operated at a loss since they began publication, and a third has operated in the black for just a couple of years. There have been years when surpluses from some of the journals have not covered the losses of others. With libraries projected to continue dropping subscriptions, reprint sales drying up, print advertising decreasing, and costs continuing to rise, the publications budget cannot accommodate much more lost income.



## Journals

The second problem is the WT requirement to provide XML or SGML files with high-resolution graphics. Since its journals went online, ASPET has taken advantage of automation whenever available to keep costs as low as possible. Currently, SGML files are created from PDFs using an automated process. The files are delivered on an issue by issue basis rather than article by article. The workflow is highly efficient. Converting the process to operate article by article will cost so much that the vendor will not pursue it. The alternative is to change our workflow, use a different vendor, and try to keep costs as low as possible. We are exploring this option.

It is difficult to justify increasing the cost to publish all articles to meet the requirements of the Wellcome Trust, especially when the Society already provides immediate free access to all primary research articles and mini-reviews. The NIH, WT, and British Heart Association say that PubMed Central and its UK mirror site are necessary to track the research they have funded. Surely a tracking system need not depend on granting public access to fully formatted research articles.

It is ironic that some commercial publishers will benefit from the WT's policy; Elsevier has agreed to the WT's demands in exchange for open access fees from \$3,000 to \$5,000 per article. Commercial publishers are generally credited with creating the "serials crisis" faced by many libraries because of their spiraling price increases. It now seems that they can continue to charge high subscription prices *and* collect open access fees from the WT that might otherwise have gone into research.

ASPET is seeking a solution that will allow WT-funded researchers to continue publishing in ASPET's journals. Until that solution is found, the WT's policies prevent its authors from submitting manuscripts to ASPET's journals.

### TAKE ADVANTAGE OF EMAIL ALERTS

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Customize alerts to meet your needs: Announcements, Future Table of Contents, Fast Forward Articles, Table of Contents, CiteTrack Alerts including Citation Alerts and Keyword & Author Alerts***

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## NIH Appropriations

President Bush's FY 2008 budget effectively cuts the NIH budget \$511 million or 1.7% below the funding level proposed by Congress' FY 2007 Joint Funding Resolution. The President's own budget summary portrayed the FY'08 NIH figures as a \$232 million increase over the President's own FY'07 budget estimates. However, this funding discrepancy is because the President's FY'08 budget was released prior to the final adoption of the FY'07 Joint Funding Resolution.

The FY'07 Joint Funding Resolution provided NIH with an increase of \$620 million. This increase was higher than the original FY'07 President's and the House's proposed flat funding and the Senate's \$200 million proposed increase. This positive outcome was a result of the changes in leadership in Congress and scientists contacting their elected officials. ASPET and the rest of the biomedical research community will be advocating to Congress that the NIH receive an increase of 6.7% for FY 2008.

## 2007 Summer Short Courses in Integrative and Organ Systems Science (IOSS)

The past two summers, NIGMS has funded four short courses. These summer short courses will be offered again in 2007 and 2008 at four institutions. The purpose of each short course is to introduce graduate students and PhDs to the knowledge and skills needed for integrative studies of organ systems and intact animals and to the physiological and biochemical responses of these systems to drugs. These critical skills are in short supply. Graduate students and PhDs with these skills are in great demand in both academic and industrial settings. Interested individuals can find more information on the NIGMS summer short courses at:

[http://www.aspet.org/public/public\\_affairs/pa\\_NIGMS\\_shortcourse\\_awards.html](http://www.aspet.org/public/public_affairs/pa_NIGMS_shortcourse_awards.html)

## Acknowledgement of NIH Research Support

Investigators can help raise public awareness of the important role NIH plays in providing funding for biomedical research for NIH grant recipients. Investigators are in a position to raise public awareness of the NIH role in your project while satisfying an award requirement and a congressional directive that grantees "acknowledge NIH's funding contribution when they publicize their research findings." More details at:

<http://grants2.nih.gov/grants/partners/0107Nexus.htm#NIHSupport>

## Preview of EB 2007 Public Affairs Activities, Washington DC

ASPET members attending the Experimental Biology 2007 meeting in Washington, DC this spring will have the opportunity to participate in two public affairs activities.

NIH Director Elias Zerhouni and former House Appropriations Subcommittee Chair John Porter will speak about the "NIH at the Crossroads: How Diminished Funds Will Impact Biomedical Research and What Scientists Can Do About It." The talk is open to all EB registrants and will be held on Monday, April 30, from 12:45 – 1:45 p.m. in the Washington Convention Center. Dr. Zerhouni will provide his perspective and details on the current state of the NIH enterprise. Mr. Porter will provide a legislative overview of the FY 2008 outlook for the NIH. He will discuss how scientists have an obligation as citizens to become politically active and aware and make suggestions for what needs to be done to make an impact.

Also scientists can participate in EB Capitol Hill Days on April 30, May 1 and May 2. With scientists facing one of the most alarming periods to confront the biomedical research enterprise in recent years, ASPET and the other participating EB societies are encouraging their members to take advantage of a Washington meeting to promote biomedical research. Join us by making Capitol Hill visits during EB in support of increased funding for the NIH, NSF and other federal agencies. The convergence of over 10,000 of your scientific colleagues in the Nation's Capitol provides a unique opportunity for constituent scientists to educate members of Congress about the need to provide robust funding for the NIH and other agencies. Contact Jim Bernstein at [jbernstein@aspnet.org](mailto:jbernstein@aspnet.org) if interested.

### Nonprofit Publishers Oppose Government Mandates for Scientific Publishing

The DC Principles for Free Access to Science Coalition (<http://www.dcpinciples.org/>) represents more than 75 of the nation's leading nonprofit medical and scientific societies and publishers. DC Principles opposes any legislation that would abruptly end a publishing system that has nurtured independent scientific inquiry for generations. View the DC Principles press release at <http://www.dcpinciples.org/press/2.htm>.

### FDA Advocacy

ASPET is a partner in the FDA Coalition, a group of almost 100 organizations supporting increased funding for the FDA. View the website at [www.StrengthenFDA.org](http://www.StrengthenFDA.org). The FDA Alliance Advocacy booklet, first released at the Senate HELP Committee staff briefing this past Friday, is based on the messages developed by the Alliance's communications and lobbying committees. The booklet is designed to serve as a resource for congressional hill staff and others. The FDA Alliance Advocacy booklet should be available on the web site shortly.

### Supporting Evolution Toolkit

FASEB has compiled a new website aimed at providing tools to scientists who wish to advocate for the teaching of evolution in science classes. "*Take a Stand for Science: Support Evolution Education*" supports these efforts by facilitating the advocacy efforts of evolution proponents. To view the FASEB evolution resources website, please visit [www.evolution.faseb.org](http://www.evolution.faseb.org).

### NRC Workshop on Minorities in Research Careers

The National Research Council is convening a workshop, *Understanding Interventions that Encourage Minorities to Pursue Research Careers: Major Questions and Appropriate Methods*, on May 3-4, 2007 at the National Academies in Washington, D.C.

The workshop will examine what we know about programs designed to increase the inclusion, preparation, retention, and success of underrepresented minorities in research careers in the biomedical and behavioral sciences. Experts from a range of disciplines will share perspectives as well as evidence on how to design successful programs, how to measure success, and how to expand the community of scholars committed to understanding and influencing career choices. Registration is now available at <http://www.nationalacademies.org/moreworkshop>.

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Help us keep your information accurate so that you don't miss out on any important news or events!

Please send all your information changes to Robert Phipps at [rphipps@aspet.org](mailto:rphipps@aspet.org).

## Division Election Results for 2007

### Division for Drug Discovery, Drug Development, & Regulatory Affairs



**Michael Jarvis**  
Chair-Elect



**Tom Parry**  
Secretary/Treasurer-Elect



**Tom Kocarek**  
Chair-Elect



**Melissa Runge-Morris**  
Secretary/Treasurer-Elect

### Division for Molecular Pharmacology



**Kim Neve**  
Chair-Elect



**Myron Toews**  
Secretary/Treasurer-Elect

### Division for Toxicology



**Mary Vore**  
Chair-Elect



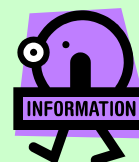
**John Richburg**  
Secretary/Treasurer Elect

### Have you joined a Division?

*Division membership is a benefit of ASPET membership, and there is no additional charge to belong to a division. It is highly recommended that you join a division so that you may take full advantage of Society participation.*

**Join a Division and you get to**

- **Participate in creating the scientific program for the annual meeting!**
- **Network with people in your field at mixers and divisional programs!**
  - **Participate in running the division and planning its activities!**
- **Receive special notices and newsletters about items and activities of interest in your field!**





Exciting giveaways to commemorate the ASPET Centennial will be available in the ASPET booth at Experimental Biology in Washington, D.C., April 28 – May 2, 2007.

If you haven't already, be sure to register for this year's meeting at [www.eb2007.org](http://www.eb2007.org).

Be sure to stop by the ASPET booth (Booth #1104-1106) to pick up your FREE

*ASPET Centennial Lapel Pin*

*10 Decades of Pharmacology Poster*

*Abel Number Button*

*ASPET Luggage Tag*

*Information about next year's Parties, Publications and Events*

Stay tuned for more events related to the ASPET Centennial at [http://www.aspet.org/public/Centennial/Centennial\\_home.htm](http://www.aspet.org/public/Centennial/Centennial_home.htm)

## MEMBER NEWS

**John A. Thomas, PhD**, Professor of Pharmacology & Toxicology at Indiana University School of Medicine, has been named a recipient of the U.S. FDA's Advisory Committee Service Award – “in recognition of distinguished service to the people of the United States of America.” Dr. Thomas has served on the Science Board to the FDA, Office of Science and Health Coordination.

**Stephen M. Lanier, PhD**, has joined the Medical University of South Carolina leadership team as Associate Provost for Research. He will serve as the University's chief executive research officer. He is former Chair of the Department of Pharmacology at LSU-New Orleans.

## SHARE YOUR NEWS WITH FELLOW ASPET MEMBERS

Send news and photos to [sthompson@aspet.org](mailto:sthompson@aspet.org)

## STAFF NEWS

Throughout the month of February, the FASEB MARC Program celebrated Black History Month through a series of “Facts and Snacks” socials. Socials were held to honor black American scientists, inventors and educators including Dr. George Washington Carver, Dr. Daniel Hale Williams, and Dr. Charles R. Drew. Everyone on the FASEB campus (including ASPET) was invited to attend and learn about these noted scientists. The last social featured a “Black History” Trivia Game, where contestants competed for a chance to win a 2007 iPod Nano. ASPET's very own Harry Smith, editor of *Molecular Interventions*, won first place in the trivia game!



### ASPET WOULD LIKE TO WELCOME THE FOLLOWING NEW MEMBERS:

#### Regular Members

**Bordet, Thierry**, Trophos  
**Chudapongse, Nuannoi**, Suranaree Univ of Technology, Institute of Science  
**De Colle, Cyril**, Amgen Inc, Dept of Neuroscience  
**Delatte, Marcus**, McLean Hosp Harvard Med Sch, ADARC Preclinical Pharmacology Lab  
**Elmarakby, Ahmed**, Medical College of Georgia, Vascular Biology Center  
**Galione, Antony**, Oxford Univ, Dept of Pharmacology  
**Gonzalez, Annette**, Northwestern Univ School of Medicine, Dept of Cell & Molecular Biology  
**Hammer Fink, Leah**, West Virginia Univ Health Science Ctr, Dept of Physiology & Pharmacology  
**Hayslett, Renee**, Mercer Univ, Dept of Pharmaceutical Sciences  
**Imai, Teruko**, Kumamoto Univ, Faculty of Pharmaceutical Sciences  
**Jones, Jeffrey**, Washington State Univ, Dept of Chemistry  
**Li, Jun-Xu**, Univ of Texas Health Science Ctr, Dept of Pharmacology  
**Mitchell, Brett**, Baylor College of Medicine, Dept of Molec Physiology & Biophysics  
**Morikawa, Hitoshi**, Univ of Texas-Austin, Waggoner Ctr for Alcohol & Addiction  
**Olive, M.**, Medical Univ of South Carolina, Dept of Pyschiatry & Behavioral Sciences  
**Richards, Toni**, Univ of Colorado Health Science Ctr, Dept of Pharmacology  
**Robertson, George**, Dalhousie Univ, Dept of Pharmacology  
**Williams, I. Jovan**, Virginia Commonwealth Univ, Dept of Pharmacology & Toxicology  
**Wolff, Dennis**, Creighton Univ, Dept of Pharmacology  
**Yang, Weimin**, East Carolina Univ Brody School of Medicine, Dept of Physiology

#### Affiliate Members

**Campbell, Amy**, Walter Reed Army Inst of Research, Dept of Biochemistry  
**Chaluvadi, Madhusudana**, Emory Univ, Dept of Pharmacology  
**Rogers, Katrina**, MDS Pharma Services, Discovery ADME

#### Graduate Student Members

**Arnold, Amy**, Wake Forest Univ, Hypertension & Vascular Research Center  
**Bakshi, Tania**, Medical College of Wisconsin, Dept of Pharmacology & Toxicology  
**Blazer, Levi**, Univ of Michigan, Dept of Pharmacology  
**Cherng, Tom**, Univ of New Mexico, Dept of Cell Biology & Physiology  
**Chopra, Mani**, Baylor College of Dentistry, Dept of Biomedical Science  
**Cocking, Davelle**, Washington State Univ College Pharmacy, Dept of Pharmacology & Toxicology  
**Diaz, Jessica**, Michigan State Univ, Dept of Medical Technology  
**Dicke, Kari**, Univ of Minnesota, Dept of Biochemistry  
**Dong, Hua**, Michigan State Univ, Dept of Chemistry  
**Foley, John**, Temple Univ School of Pharmacy, Dept of Behavioral Pharmacology  
**Ge, Xin**, Univ of Minnesota, Dept of Pharmacology  
**Giachini, Fernanda**, Medical College of Georgia, Dept of Physiology  
**Graves, Steven**, Rush Univ Medical Center, Dept of Pharmacology  
**Gregory, Karen**, Monash Univ, Dept of Pharmacology  
**Hammad, Mohamed**, Univ of Mississippi School of Pharmacy, Dept of Pharmacology  
**Hassanzadeh, Bahareh**, Rutgers Univ, Dept of Molecular & Behavioral Neuroscience  
**Kandikar, Sachin**, Michigan State Univ, Dept of Pharmacology & Toxicology  
**Ki, Sung**, Seoul National Univ, Research Inst of Pharmaceutical Science  
**Kim, Won**, Seoul National Univ College of Pharmacy, Dept of Pharmacology  
**King, Jennifer**, Meharry Medical College, Dept of Pharmacology  
**Kitchen, Chad**, Emory Univ, Dept of Pharmacology  
**Koffernus, Mikhail**, Univ of Michigan, Dept of Biopsychology



## NEW MEMBERS

**Lane, Nina**, Univ of Saskatchewan College of Medicine, Dept of Physiology  
**Lavender, Nicole**, Univ of Louisville, Dept of Pharmacology  
**Metry, Kristin**, Univ of Louisville & Graham Brown Cancer, Dept of Pharmacology & Toxicology  
**Mines, Marjelo**, Meharry Medical College, Dept of Pharmacology & Neuroscience  
**Moreno, Maria**, Indiana Univ School of Medicine, Dept of Pharmacology & Neurobiology  
**Murnane, Aeneas**, Emory Univ, Dept of Neuroscience  
**Narayanaswami, Vidya**, Univ of Kentucky College of Pharmacy, Dept of Pharmaceutical Sciences  
**Ngoh, Gladys**, Univ of Louisville, Dept of Cardiology  
**Puri, Vanita**, Campbell Univ, Dept of Pharmaceutical Sciences  
**Rathod, Jasmine**, Arnold & Marie Schwartz College Pharmacy, Dept of Pharmacology & Toxicology  
**Rojanathammanee, Lalida**, Univ of North Dakota, Dept of Pharmacology, Physiology & Therapeutics  
**Roma, Pete**, American Univ, Dept of Psychology  
**Stevens, Rachel**, Ohio State Univ, Dept of Pharmacology  
**Stewart, Greg**, Monash Univ, Dept of Pharmacology  
**Terron, Maria**  
**Thompson, Misty**, Univ of Arkansas for Medical Sciences, Dept of Pharmacology  
**Thor, Der**, Univ of the Pacific TJ Long School of Pharmacy & Health Science, Dept of Physiology & Pharmacology  
**Toby, Inimary**, Ohio State Univ, Dept of Integrated Biomedical Science  
**Tran, John**, Univ of California-Irvine, Dept of Pharmacology  
**Uzomah, Onyeka**, California State Univ-Dominquez Hills, Dept of Biology  
**Wang, Hui**, Michigan State Univ, Dept of Pharmacology & Toxicology  
**Wang, Jiajia**, Univ of Mississippi School of Pharmacy, Dept of Pharmacology  
**Wang, Haiyang**, Texas A&M Univ System HSC, Dept of Neuroscience & Exp Therapeutics  
**Whitlock, Nichelle**, Univ of Tennessee, Laboratory of Molecular Carcinogenesis  
**Wu, Liping**, Univ of Arkansas, Dept of Pharmacology & Toxicology  
**Xiang, Sunny**, Univ of Nevada School of Medicine, Dept of Pharmacology  
**Zemse, Saiprasad**, Medical College of Georgia, Dept of Physiology  
**Zimmermann, Maria**, Tulane Univ, Dept of Pharmacology

### **Undergraduate Student Members**

**Horvath, Peter**, Univ of California-Irvine, Dept of Pharmacology  
**Ji, Ni**, Berea College, Dept of Biology  
**Montalvo, Janitza**, Univ of Puerto Rico, Rio Piedras Campus, Dept of Biology

## **HAVE YOU RENEWED YOUR 2007 ASPET MEMBERSHIP DUES?**

**Membership Dues were due on January 1, 2007.**

**Don't risk losing your valuable membership benefits.  
RENEW TODAY!**

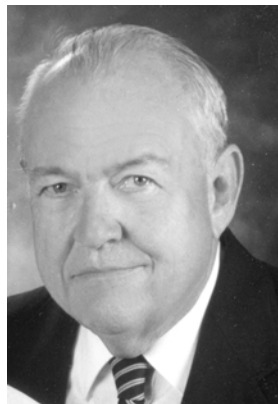
**Visit us online to renew your membership.**

**<http://www.aspet.org/public/membership/membership.html>**

**Click on "Online Dues Payment"**







**Roger P. Maickel, PhD**  
1933 - 2006

Dr. Roger P. Maickel, 73, of Lafayette, IN, died on Tuesday, Dec. 26, 2006. The Department of Medicinal Chemistry and Molecular Pharmacology as well as all of his colleagues in the Purdue University School of Pharmacy and Pharmaceutical Sciences are deeply saddened by his death. Dr. Maickel was a dear friend, colleague, mentor, and former Department Head.

Born Sept. 8, 1933, in Floral Park, Long Island, N.Y., he was the son of the late Philip V. and Margaret M. Rose Maickel. He had lived in Washington, D.C. and Bloomington, IN before moving to Lafayette, IN. He graduated from Chaminade High School, received his bachelor's degree in 1954 at Manhattan College, and his master's degree in 1957 and doctorate in 1960 from Georgetown University.

Dr. Maickel worked for the National Institute of Health as a research scientist from 1956 to 1965. He was professor of pharmacology in the medical sciences program at Indiana University from 1965 to 1977 and department head of pharmacology and toxicology at Purdue University from 1977 to 1983, returning as professor at Purdue to continue his research from 1983 to 1999. He became professor emeritus of pharmacology and toxicology in 1999.

Dr. Maickel received the National Institute of Health Research Development Award 1969-1974, and NASA Life Scientist Award 1972-1975. He was a guest lecturer for the DEA - US Department of Justice for 15 years and served on the US Product Safety Commission from 1979 to 1981. He was a consultant to the FDA from 1987 to 1990, served 10 years as a member of the Indiana Controlled Substances Advisory Committee, and co-authored numerous scientific papers and contributed to numerous text books.

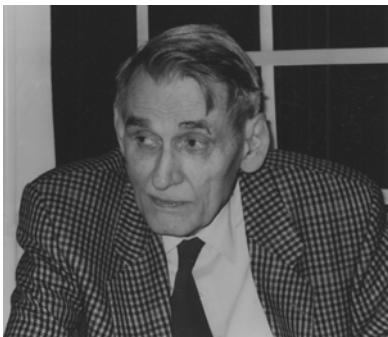
He was a member of St. Thomas Aquinas Center, Catholic Academy of Sciences USA, Knight of the Equestrian Order of the Holy Sepulchre of Jerusalem, American Society for Clinical Pharmacology and Therapeutics, American Institute of Chemists, Federation of American Societies for Experimental Biology, Association for Assessment and Accreditation of Laboratory Animal Care, Collegium Internationale Neuro-Psychopharmacologicum, American Council on Science and Health, Royal Society of Chemistry, Purdue University Presidents Council, Purdue Reamer Club, and John Purdue Club. Dr. Maickel was accepted into the American College of Neuropsychopharmacology in 1970 and was a Fellow Emeritus at the time of his death.

He enjoyed golf, trains, reading, travel, gardening, photography, and college athletics. Many of his colleagues enjoyed the "fruits of his labors" each summer as he often shared his varieties of hot peppers and tomatoes.

He married Lois Pivonka on Sept. 8, 1956, in Ellinwood, KS, and she survives. In addition to his wife are two daughters, Nancy Maickel Ward (husband: Michael) of Lebanon, IN and Carolyn Maickel Anderson of Gurnee, IL. Six grandchildren, Matthew, Brian, and Julie Ward and Molly, Erik, and Clark Anderson, also survive. Memorials can be made to the Purdue Foundation (please note in the Memo, Maickel Memorial Fund) and sent to Linda Yelton, Development Office, Purdue University School of Pharmacy, 575 Stadium Mall Drive, West Lafayette, IN 47907.

*Prepared by Eric L. Barker and Val J. Watts*

**Ullrich G. Trendelenburg, DrMed, DPhil  
1922 – 2006**



Professor Ullrich Trendelenburg died on November 21, 2006, after a prolonged struggle with emphysema. Ullrich was born December 31, 1922, into a prominent medical family in Germany, the son of the pharmacologist Paul Trendelenburg and grandson of the surgeon Friedrich Trendelenburg. He is survived by his wife, Christel, daughter Dr. Marie Trendelenburg (Stabler), stepdaughter, Carola Maier-Reimer, and two sisters.

Ulli, as he was known to his many friends, grew up in the period between World Wars I and II. In 1941, he was inducted into the Luftwaffe, where he served primarily as a flight instructor. In 1945, he was assigned to a fighter squadron. After being shot down he was in a United States prisoner of war camp for nineteen months. In 1946, he entered medical school at the University of Gottingen, graduating in 1952. During several summers of his medical student days, he worked in the laboratory of Ernst Barany in Uppsala, Sweden, where Ulli's interest in his father's field of pharmacology was rekindled.

In 1952, Ulli joined the laboratory of Professor J.H. Burn at Oxford University. This was a period of dramatic scientific growth of pharmacology in Great Britain, not only because of excellent British pharmacologists, such as Burn, but also because of exceptional German pharmacologists who fled Hitler's Germany before the war and were welcomed at Oxford and other British institutions. These included such distinguished scientists as Hugh Blaschko, Edith Bulbring, Wilhelm Feldberg, Hans Kosterlitz, Heinz Schild and Marthe Vogt. Some of these, Bulbring in particular, had been close family friends of the Trendelenburgs.

Upon finishing his work at Oxford in 1956, Ulli accepted a faculty position at the University of Mainz and one year later joined the faculty of Otto Krayer's Department of Pharmacology at Harvard Medical School. Krayer had been a student of Paul Trendelenburg. Ulli was there from 1957 until 1968, and after Krayer's retirement in 1966, he served as acting chair. His students and post doctoral trainees at Harvard included Stephen Brimijoin, William Fleming, Ann Jones, Salomon Langer, Anthony Muskus, Salvatore Pluchino, C.B. Smith, and T.H. Tsai to name a few. Important collaborations were with John Blinks, Dick Crout, Paul Draskoczy, and Norman Weiner. Although not a research collaborator, another Harvard pharmacologist who became a close friend of Ulli was Peter Dews.

In 1968, Ulli answered a call to return to his native country and accepted the position of Professor of Pharmacology at the University of Wurzburg, where he remained until his retirement in 1991. His junior research collaborators in Wurzburg included, among others, Karl-Heinz Graefe, Heninz Bonisch, Martin Henseling, and Edgar Schomig. Many visiting scientists came to his laboratory, including K. Kurahashi from Japan; Australians Ivan de la Lande, Stella O'Donnell, and Leslie Bryan; Popat Patil from the U.S. and S.R. Kottegoda from Singapore. He developed a strong collaboration with a number of pharmacologists at O'Porto, Portugal, including Walter Oswald and S. Guimaraes. A very close friend was Klaus Starke at Freiburg.

The research in Ulli's laboratory always revolved around the sympathetic nervous system. In the process, both through his own publications and his exceptional editorial work, Ulli was a leader in the 1950s and 1960s in the transition of pharmacology from a descriptive to a highly quantitative science.

At Oxford, Ulli made major contributions to the pharmacological understanding of sympathetic ganglia. He established, for the first time, the fact that there are multiple receptors in the ganglia in addition to those for acetylcholine. At Harvard, his focus shifted to the postsynaptic pharmacology of sympathetic neurons, including recognition of direct vs. indirect actions of amines and studies of structure-activity relationships of sympathomimetics. In particular, he led in the recognition that sympathetic denervation supersensitivity involved two independent factors, one a loss of neuronal uptake, and the other a functional change in the

## OBITUARY

denervated cells (smooth muscle, cardiac muscle, and exocrine gland cells.) In Wurzburg, Ulli continued his interest in uptake of catecholamines. Under the stimulation of his new young colleagues, he and his associates blazed new trails in outlining the kinetics of both neuronal and extraneuronal uptake of catecholamines. Many younger pharmacologists today have no idea how much of our knowledge of the sympathetic nervous system goes back to Ullrich Trendelenburg.

A remarkable devotion and skill as an editor added immeasurably to the advancement of autonomic pharmacology. In his later years at Harvard, Ulli was Autonomic Field Editor for the *Journal of Pharmacology and Experimental Therapeutics*. His long letters to authors, especially young authors, were detailed with a marvelous chemistry of scientific insight, the English language, kindness and humor. Education and help to authors were his guiding principles. When he moved to Wurzburg, he served German pharmacology as Editor of *Naunyn-Schmiedeberg's Archiv of Pharmacology* and as President of the German Pharmacology Society. Among his many accomplishments was the change of *Naunyn-Schmiedeberg's Archives* to the exclusive use of English.

Ulli received international recognition on many occasions. His awards included honorary degrees from several universities, the Julius Axelrod Award from ASPET and the Schmiedeberg-Plakette from the German Pharmacological Society.

When Ulli reached the age of retirement, he moved from Wurzburg to Tübingen into Christel's family home, where they had often vacationed. There, they received many visits from friends and associates. He continued to write marvelous, insightful and amusing letters to his friends and former colleagues and indulged in his passion for stamp collecting. Even during his past year of illness, he found the strength to write and publish a history of German Jewish pharmacologists who had been persecuted or who had fled Nazi Germany.

Those of us who knew Ulli will remember him as a masterful teacher in the classroom and the laboratory and as an editor. But most of all, we remember his kindness, generosity, humility, and warmth of friendship. He is sorely missed! His many friends send their warm condolences to Christel, Marie, Carola, and other members of his family.

The writer apologizes to Ulli's many additional friends and associates, who are unintentionally omitted in the above.

*Prepared by William W. Fleming*

## IN SYMPATHY

**ASPET notes with sympathy the passing of the following members:**

**Ira B. Black  
Jack P. Green  
Armand M. Karow  
Roger P. Maickel  
James G. McElligott  
J. Alfred Rider  
Harvey D. Sanders**

### ***“It was the best of times. It was the worst of times.”—Charles Dickens, A Tale of Two Cities and ASPET – A Tale of Two Databases***

ASPET is embarking on a project that will result in a major improvement in our ability to deliver quality customer services to our members. Starting March 6 and continuing through the spring and summer, we will be migrating our entire membership database to a new association management system. The current system is almost 15 years old and was purchased and configured jointly with several other FASEB societies. Not only is it outdated in terms of its capabilities, but the fact that it had to serve seven masters has never allowed us to use all of its functionality. Documentation for the system is outdated or just plain missing. In addition, errors are accumulating in the programming of the software so that getting accurate information from the database is becoming a challenge.



Last fall, Council and the Finance Committee approved the purchase of dedicated software that will enable us to manage all aspects of membership, subscriptions, committees, meetings and much, much more. The new system is scheduled to be live in time for the September dues renewal for 2008. Among the things that you as members should notice is that it will be much easier to pay dues or register for our meetings online. The problems that have plagued our current system with Safari browser compatibility should go away. For the first time, ASPET will have its own online directory (separate from the FASEB directory) that can be searched by various criteria, including division. Each member will have his/her individual login that you can set to make it easier to remember and if you forget your password, you can get it online, just like most other restricted access sites. And you will be able to see if you have paid your dues, subscribed to the journals you wanted, belong to the divisions you want, and change any of this at any time.



For staff, processing new member applications as well as dues payments will be much more automated, leaving less room for user error. In addition, we will be able to automate the processes we use to track our marketing campaigns, take online colloquium registrations with payment, coordinate our speakers, and much more.

The system that we will be using is called ClearVantage, and it comes highly recommended by all of the associations with whom we have talked. Multiple demonstrations of the product indicate that it is very user friendly for both members and staff. At least one other FASEB society is also switching to ClearVantage and several others are considering it, so there will be plenty of product support once we are up and running.

That's the good news. The bad news is that any sort of data migration of this magnitude (we have over 10,000 records) from one very old and undocumented system to a totally new and different one is fraught with unexpected problems and universal aggravation. Hopefully that aggravation will just be for staff here in the ASPET office, but we do ask your patience, especially during May, June, and July as we transfer the membership data to the new system and work out the glitches that are inevitable. But come September, be prepared to be pleasantly surprised. And after all, at 100 years, don't you think ASPET deserves a new state-of-the-art membership system?



**Programs That Work:  
A Workshop on Understanding Interventions that Encourage Minorities  
to Pursue Biomedical, Behavioral, and STEM Research Careers**

May 3-4, 2007 • The National Academies • Washington, D.C.

<http://www.nationalacademies.org/moreworkshop>

**The Challenge:** Although underrepresented groups have made great strides in becoming part of the biomedical and behavioral sciences and other STEM (science, technology, engineering, and mathematics) disciplines, they are still underrepresented at every level along the education pathway to careers in these fields. Many programs have been designed to increase representation, but their design, implementation, and methods for demonstrating effectiveness are highly variable. Efforts to increase representation have often been conducted in isolation and have historically lacked the integration of empirical data leading to the determination of the most effective interventions.

**A Response:** A Committee assembled by the National Academies and supported by the National Institutes of Health (NIH) will convene a two-day workshop to consider the knowledge base on intervention programs that have been designed to increase the inclusion, preparation, retention, and success of underrepresented minorities in STEM fields, and particularly in research careers in the biomedical and behavioral sciences. The workshop will bring together experts from a range of disciplines to share perspectives as well as evidence; to design and discuss research questions about measuring what programs work, for whom, and in what settings; and to expand the community of scholars that is committed to understanding and influencing the career choices of those who represent a growing proportion of the student talent pool.

**The Workshop:** The Committee is inviting a diverse audience to participate in the workshop. Participants will include representatives from the biomedical and behavioral sciences; researchers from other social sciences; and practitioners who specialize in program design, evaluation, and technical assistance. The workshop will focus on what is known about effective interventions and how those interventions are documented and disseminated. If you are a PI, program administrator, mentor, project evaluator, or human resource specialist, this workshop will inform and motivate your work.

**Expected Outcomes:** Participants will join a community of scholars studying the diversity of the STEM disciplines and encourage the development of research-based, student-focused interventions. Objectives of the workshop will include:

1. Examination of the current state of research related to interventions that influence the participation of underrepresented minorities in biomedical, behavioral, and other STEM disciplines.
2. Discussion of factors that are currently prominent in empirical studies of STEM recruitment and retention conducted in psychology, sociology, economics, and education.
3. An inventory of research questions, designs, and methodologies that capture the most promising contributions to the knowledge base on STEM education and careers.
4. Examples of field-based insights and technical assistance on how to study interventions that impact the participation of underrepresented minorities in the biomedical and behavioral sciences.
5. Discussion of mechanisms for encouraging the evolution of a community of scholars through outlets for scholarly work (e.g., journals, conferences, sponsored programs) and other opportunities to assess emerging ideas from outside STEM and the NIH-centric disciplines.

A summary of the workshop and additional information will be made available through the project website.

**For more information or to register for the workshop:** Please visit the project website at

<http://www.nationalacademies.org/moreworkshop>

**Committee:** Anthony L. DePass (Co-Chair), *Long Island University*; Larry V. Hedges (Co-Chair), *Northwestern University*; Daryl E. Chubin, *American Association for the Advancement of Science*; Howard H. Garrison; *Federation of American Societies for Experimental Biology*; Carol B. Muller, *MentorNet*; Karen Kashmanian Oates, *Harrisburg University of Science and Technology*

**Questions:** Contact **Adam P. Fagen**, Study Director, [moreworkshop@nas.edu](mailto:moreworkshop@nas.edu)



## Launch of NIH Director's New Innovator Award

National Institutes of Health Director Elias A. Zerhouni, M.D., has created a special program to support new investigators who propose highly innovative research projects with the potential for exceptionally great impact on biomedical or behavioral science. The NIH Director's New Innovator Award offers grants of up to a total of \$1.5 million in direct costs over 5 years. The application period is from April 25 to May 22, 2007. Please see below for instructions on how to apply:

The NIH Director's New Innovator Award will support research by new investigators who propose highly innovative projects with the potential for exceptionally great impact on biomedical or behavioral science.

NIH expects to make at least 14 awards in September 2007. Each grant will be for 5 years and up to a total of \$1.5 million in direct costs plus applicable facilities and administrative costs.

Women and members of groups that are underrepresented in biomedical or behavioral research are especially encouraged to apply.

### ***Open to New Investigators Who***

- Have not yet obtained an NIH R01 or similar grant
- Hold an independent research position at an institution in the United States
- Received a doctoral degree or completed medical internship and residency in 1997 or later
- Propose research in any scientific area relevant to the NIH mission

### ***Apply Electronically***

- Get instructions at <http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-07-009.html>
- Prepare the short application; preliminary data allowed, but not required
- Submit the application through Grants.gov between April 25 and May 22, 2007

### ***More Information***

- See [http://grants.nih.gov/grants/new\\_investigators/innovator\\_award/](http://grants.nih.gov/grants/new_investigators/innovator_award/)
- E-mail questions to [newinnovator@nih.gov](mailto:newinnovator@nih.gov) or call 301-594-4469

## **Training Opportunities in Integrative Organ Systems Sciences Summer Short Courses 2007**

**Each short course is designed to introduce graduate students and PhDs to the knowledge and skills needed for integrative studies of organ systems and intact animals, and the physiological and biochemical responses of these systems to drugs. Sign up for a summer short course and learn the critical skills that are in high demand in today's academic and industrial settings.**

**Offered at the following institutions: Michigan State University, University of California at San Diego, University of Nebraska Medical Center, University of North Carolina at Chapel Hill.**

**For more information, visit the ASPET home page at [www.aspet.org](http://www.aspet.org)  
(See Featured Links)**



## Definitions of Categories of ASPET Membership

◆ **Regular Members:** Any doctoral level investigator who has conducted, and is the primary author on at least one publication of, an original study in the area of pharmacology published in a peer-reviewed journal is eligible for membership in ASPET. Exceptions may be made for someone who does not meet the degree requirement but who has made major research contributions to pharmacology. Dues for regular members are \$140/year. Regular members must be nominated by two (2) Regular or Retired ASPET members.

◆ **Affiliate Members:** An investigator who does not meet the requirements for Regular membership because of the lack of a degree or lack of publication is eligible to apply for Affiliate membership. Affiliate members receive all the same member benefits as Regular members except that they may not vote in ASPET elections. Dues for Affiliate members are \$105/year. Affiliate members must be nominated by one (1) Regular or Retired ASPET member.

◆ **Student Members:** Individuals who are enrolled in undergraduate, graduate, or professional degree programs are eligible for Student membership in ASPET. Student members receive all the same benefits as Regular Members except that they may not vote in ASPET elections. Individuals may remain in the Student Member category for up to two (2) years following completion of their research doctoral degree. Undergraduate students pay no dues. Dues for second year and above Student Members are \$30. Student members must be nominated by one (1) Regular or Affiliate ASPET member.

**Sponsors should send an email or letter addressing the applicant's qualifications for ASPET membership directly to the ASPET office ([rphipps@aspnet.org](mailto:rphipps@aspnet.org)).**

### Regular Member Benefits (Dues \$140):

- Reduced page charges to publish in ASPET journals – pay \$35/page instead of \$70/page and save enough with one four-page article to pay your annual ASPET dues!
- Half-price color fees to publish color figures in ASPET journals
- Free full-text access to all five online ASPET journals, including all back issues
- Free subscription to *Molecular Interventions* (print) and *The Pharmacologist* (online)
- Reduced subscription rates for ASPET print journals
- Reduced registration fees for ASPET meetings
- Sponsorship of papers at the ASPET meeting
- Best abstract awards for young scientists at the ASPET meeting
- Free listing in the FASEB Directory
- Membership in multiple ASPET Divisions for no additional dues.

**Affiliate Members (Dues \$105)** have all the benefits of Regular Members except they may:

- Sponsor candidates for Student membership only.
- Not sponsor a paper for a non-member at a Society meeting.
- Not vote in Society elections.
- Not hold an elected office in the Society.

**Student Members (Dues \$30)** have all the benefits of Regular Members except they:

- Pay no dues their first year.
- Pay only \$30 annual dues thereafter. Undergraduate student members pay no dues and get their first graduate year free.
- Must have their papers at Society meetings sponsored by a member.
- May not vote in Society elections nor hold an elected office in the Society.

### 2007 Publication Subscription Rates for Members

**All Society Members qualify for the following reduced print publication subscription rates:**

- *Journal of Pharmacology and Experimental Therapeutics* (Monthly) - \$182/year
- *Pharmacological Reviews* (Quarterly) - \$77/year
- *Drug Metabolism and Disposition* (Monthly) - \$96/year
- *Molecular Pharmacology* (Monthly) - \$131/year
- *Molecular Interventions* (Bimonthly) – included with dues

### APPLICATION INSTRUCTIONS:

Submit the completed Application for Membership form or use the online application form on the ASPET web site at <http://www.aspet.org/public/membership/membership.html>. Submit a current *curriculum vitae* including bibliography for Regular and Affiliate Membership. You may e-mail the CV to the ASPET Membership Coordinator, Robert Phipps, [rphipps@aspnet.org](mailto:rphipps@aspnet.org).

**Sponsor Statements:** Submit a statement(s) of qualifications of the applicant from two Regular/Retired Members of ASPET for Regular Membership and from one Regular/Retired Member of ASPET for Affiliate Membership and Student Membership (Affiliate Members may also sponsor student applicants). In addition to statement certifying that the applicant is qualified for ASPET membership, sponsors please provide your own current address, phone, fax and email **It is the responsibility of the applicant to insure that these documents are submitted to the ASPET office.**





## Membership Application – TP307

**Application for:**

- Regular Membership
- Affiliate Membership
- Graduate Student – Expected Date of Graduation: \_\_\_\_\_
- Undergraduate Student - Year:  Fr  Soph  Jr  Sr

**HOW DID YOU HEAR ABOUT ASPET?**

- Referred by a Mentor/Colleague
- Received ASPET Information by mail or email
- Internet (ASPET website)
- ASPET Journals
- EB/ASPET Annual Meeting
- Other:

**Personal Information:** *Please complete this section – type if possible*

Name and Address: \_\_\_\_\_ Telephone: \_\_\_\_\_  
 \_\_\_\_\_ Fax: \_\_\_\_\_  
 \_\_\_\_\_ E-mail: \_\_\_\_\_  
 \_\_\_\_\_ Date of Birth (optional): \_\_\_\_\_

**Education and Training:**

Date and Degree	School	City/State/Country	Major Field

**Professional Experience:** *(Present position first) Please include dates, position, and organization*

**Name, address and email of two sponsors:** *(one sponsor for student and affiliate membership)*

**Divisions:** *Division membership is a benefit of ASPET membership and there is no additional charge to belong to a division. It is highly recommended that you join a division so that you may take full advantage of Society participation. Joining a division allows you to participate in creating the scientific program for the annual meeting, network with people in your field at mixers and divisional programs, and receive special notices and newsletters about items and activities of interest in your field. Be sure to pick a division!*

**Indicate primary (1) and as many secondary (X) divisions to which you wish to belong:**

- |   |  |
|---|--|
| <input type="checkbox"/> Division for Behavioral Pharmacology   | <input type="checkbox"/> Division for Drug Metabolism                    |
| <input type="checkbox"/> Division for Cardiovascular Pharmacology                                       | <input type="checkbox"/> Division for Molecular Pharmacology             |
| <input type="checkbox"/> Division for Clinical Pharmacology, Pharmacogenomics, & Translational Medicine | <input type="checkbox"/> Division for Neuropharmacology                  |
| <input type="checkbox"/> Division for Drug Discovery, Development & Regulatory Affairs                  | <input type="checkbox"/> Division for Pharmacology Education             |
|   | <input type="checkbox"/> Division for Systems & Integrative Pharmacology |
|   | <input type="checkbox"/> Division for Toxicology                         |

**Paperwork Summary:**

- Application Form (complete all sections)
- Statement of qualification for membership in ASPET and signatures from two sponsors for Regular membership and from one sponsor for Affiliate and Student membership. A letter or e-mail should be sent by the sponsor to the Membership Coordinator ([rhipps@aspet.org](mailto:rhipps@aspet.org)).
- Curriculum Vitae (include bibliography) for Regular and Affiliate membership

Applications are reviewed on a rolling basis. Please **DO NOT** send payment with your application. Upon membership approval, you will be sent a dues statement and welcome package.

Call or e-mail the ASPET Membership Department for additional information: 301-634-7135 / [rhipps@aspet.org](mailto:rhipps@aspet.org).  
 You may apply online at <http://www.aspet.org/public/membership/membership.html>