



January 2007

Catecholamine Club

Chronicle

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From the Office of the
Club President

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Tong H. Joh, PhD to receive the Julius Axelrod Award for 2007

The Julius Axelrod Award was established in 1991 by the Catecholamine Club to recognize outstanding contributions in research and mentoring following in the Axelrod tradition. This year sees an important transition in administration of the award under the umbrella of the American Society for Pharmacology and Experimental Therapeutics (ASPET). Involvement of the Catecholamine Club continues to be ensured by participation of club members in the processes of nomination and selection of awardees.

This year, Julie's legacy is honored by the selection of Tong H. Joh, Ph.D., scientific investigator and mentor in neuroscience and pharmacology. Dr. Joh currently holds the title of Professor Emeritus of Neurobiology at Weill Medical College and Graduate School of Basic Medical Sciences at Cornell University, crowning a stellar and influential career in neuropharmacology, biochemistry, and molecular biology.

Dr. Joh used Julie's early findings as a foundation for his own pioneering and influential work on catecholamine systems. As a leader in generating antibodies to catecholamine biosynthetic enzymes, he provided critical tools for mapping catecholamine pathways in the

brain, probing regulation of biosynthetic enzymes, and elucidating the role of catecholamines in stress and hypertension. Other contributions from Dr. Joh's laboratory included important ground-work for the cloning of catecholamine biosynthetic enzymes. Dr. Joh's contributions to translational neuroscience are manifest by numerous studies seeking application of the many fundamental discoveries from his laboratory to neurological disorders and diseases.



Like Julie, Dr. Joh has been a remarkable and dedicated mentor to generations of doctoral students, post-doctoral fellows, and junior faculty. His enthusiasm and excitement for science has captivated, intrigued, and motivated many to distinguished careers in neuroscience, pharmacology, and medicine. His style, like Julie's, is gentle and humble, but directed and determined.

The selection of Dr. Tong Joh as this year's Julius Axelrod Award recipient is based on his traits of scientific and mentoring excellence. He will be presented the Axelrod award and medal at the annual meeting of ASPET on Sunday, April 29, 2007, at which time he will deliver the Julius

Axelrod Lecture (8:15-9:15 am — Phox and Nox and ROS in a box of dopaminergic neurodegeneration: Roles of MMP-3).



Dr. Tong H. Joh surrounded by members of his laboratory
Circa 1995

2007 Club Dinner

The Catecholamine Club's 2007 dinner will be held in conjunction with the meeting of ASPET and Experimental Biology 2007 in Washington DC. This meeting will take place at the Washington Convention Center from April 28 to May 2 (<http://www.eb2007.org>).

The date for the dinner is set for the evening of April 30th (Monday at 7:00 PM). The venue is Zola (<http://www.zoladc.com>) at 800 F Street NW, only 3 blocks from the convention center.

In keeping with tradition, the recipient of the 2007 Julius Axelrod Award, Dr. Tong Joh, will be honored at the Club Dinner where he will present an anecdotal recount of his lifetime journey through science.

Details about the dinner — location of the restaurant, cost, procedure and deadlines for payment — are appended to this Newsletter. There is a substantial discount to the cost of the dinner offered through a generous subsidy by the Foundation for Catecholamine Research.

Don't miss out on what promises to be an important and fun-filled evening with the accompanying traditional musical extravaganza.

Tribute to Ullrich Trendelenburg (1922-2006): Recipient of the 1st Axelrod Award

Professor Ullrich Trendelenburg, known as Ulli to his friends and colleagues, was honored as the first recipient of the Julius Axelrod Award in 1991. In this volume of the Catecholamine Club Chronicle we once again honor Ulli after his passing away on 21st of November 2006 in Tübingen, Germany, where he was living after his retirement together with his wife Christel. Thanks are extended to Professor Heinz Bönisch, one of Ulli's numerous students and colleagues, for compiling this tribute to Ulli.



Ulli's productive and influential career in pharmacology followed in the footsteps of his father, Paul Trendelenburg, also a famous German pharmacologist and head of the Pharmacology departments in Rostock, Freiburg, and Berlin. Ulli first studied medicine at the University of Göttingen and later in Uppsala (Sweden), where he also worked on his M.D. thesis in the Department of Pharmacology under Professor Ernst Barany. From 1952 to 1956 he studied as a Ph.D. student, British Council Scholar, and was also an Instructor in the Department of Pharmacology at Oxford, headed at the time by J.H. Burn. After one year (1956-57) at the Pharmacology Department of the University of Mainz in Germany (Head: Professor G. Kuschinski), Ulli joined the Department of Pharmacology at Harvard Medical School in Boston. There, he became associate professor

(1963), and from 1966-1968 (after the retirement of his mentor and friend Otto Kraye) Acting Head of the Department. From 1968 until his retirement (in May 1991), he was Head of the "Institut für Pharmakologie und Toxikologie" of the University of Würzburg (Germany).

Already as a student in Uppsala, Ulli started to study pharmacology when he examined antitussive effects of morphine derivatives. In Oxford he fell in love with the sympathetic nervous system starting with studies on the pharmacology of ganglion cells (nicotinic, non-nicotinic ganglion-stimulating agents). He was the first to report on presynaptic morphine receptors on noradrenergic neurons. In Boston, his main research field became the pharmacology of directly and indirectly acting sympathomimetic amines, and effects of cocaine. In Würzburg, he continued these studies focussing on the uptake of monoamines by neuronal and extraneuronal transporters, intraneuronal storage as well as neuronal and extraneuronal metabolism of monoamines.

Ulli was a mentor to numerous pharmacologists, including William W. Fleming, Salomon Z. Langer, Antonio Muskus, Salvatore Pluchino, Steve Brimijoin, Karl-Heinz Graefe, Heinz Bönisch, Martin Henseling and Edgar Schömig.

He was President of the German Pharmacological Society, and 2nd Vice-President as well as member of the Receptor Nomenclature Committee of IUPHAR. He was editor of the "Journal of Pharmacology and Experimental Therapeutics" and for many years managing editor of the worlds foremost established pharmacology journal, "Naunyn-Schmiedeberg's Archives of Pharmacology".

Ullrich Trendelenburg was honorary member of diverse pharmacological societies such as those of Germany, Poland, India, Venezuela, Hungary and Czechoslovakia. He obtained several honorary doctor titles from foreign universities, e.g. from Tampere (Finland), Porto (Portugal), Ohio State University (USA), Lublin (Poland) and Prague (Czechoslovakia).

All those who have known Ulli or who have been touched by his work are saddened by his passing, but also heartened and enriched by the legacy of knowledge and experience that he has left us with.

News and Events

Catecholamine Club Launches Web Site:

Thanks to the efforts of our President, David Sibley, the Catecholamine Club now has its own website (<http://www.catecholamineclub.org>). David together with his wife, Janice, have put considerable time and effort on our behalf to creating a valuable resource. The site features among other things sections with background information and activities concerning the club and its members. The club song can be downloaded in English, Spanish, and French. Importantly the site now features an on-line mechanism for paying dues and fees for the annual dinner via credit card. If you haven't already visited the site you should do so now.

Dopamine 50 years: The congress, *Dopamine 50 Years*, will be held in Göteborg, Sweden, from May 30 to June 2, 2007. The conference marks the 50 year anniversary when the seminal discoveries on the presence and role of dopamine in the brain were made in 1957. The deadline for abstracts is January 30th and for early registration, February 15th. Further information about the meeting can be found at the congress website (<http://www.congrex.se/dopamine50years>).

Ninth Symposium on Catecholamines and other Neurotransmitters in Stress:

The 9th Symposium of this well-organized series of meetings will be held at the historic Smolenice Castle, Slovakia, June 16 - 21, 2007. Investigators in the formative stages of their careers are eligible to apply for the I.J. Kopin Travelling award, which provides for the costs of attendance and travel to the meeting. Applications must be received by February 15th. Further information about the meeting and application process for the I.J. Kopin Award is available at the meeting website (<http://www.stress.sav.sk>).

Gordon Research Conference on Catecholamines: The next Gordon Research Conference on Catecholamines will be held August 5-10, 2007 at Oxford in the United Kingdom (Magdalen College). For information contact Jill B. Becker (Email: jbbecker@umich.edu).

World Conference of Stress: The 2007 World Conference of Stress will be held in Budapest, Hungary, August 23-26, 2007. This meeting, to be held in conjunction with the 3rd Cell Stress Society International Congress on Stress Responses in Biology and Medicine, will celebrate the centennial birth anniversary of Hans Selye. Further information is available at the meeting website: <http://www.stress07.com/>

Catecholamine Club Positions and Membership

Executive Committee: The membership of the Catecholamine Club Executive Committee for 2006/2007 program year is detailed below.

- Dave Sibley, President
- Esther Sabban, Secretary/Treasurer
- Irv Kopin, Membership Secretary
- Graeme Eisenhofer, CCC Editor
- Susan Amara
- Walter Dixon
- Margarita Dubocovich
- Lee Eiden
- David Goldstein
- Gonzalo Torres
- Dona Wong

Membership: Membership fees are \$20 per annum or may also be paid at the reduced rate of \$50.00 for three years. Previously membership fees ran from the date of each annual dinner until the next (usually April/May of each year). Membership fees now run from the beginning of each calendar year to the next. Those members who paid their fees during the 2006 calendar year have until January 1st of 2008 to renew their annual membership or January 1st of 2010 if payment was received for a three year membership. Please visit the Catecholamine Club Website (<http://www.catecholamineclub.org>) for details on methods of payment, whether you wish to join the club or renew your membership.

Benefits of Membership: What are the benefits of membership in the catecholamine club — what is the incentive to paying the yearly membership fee?

1. Eligibility for the subsidy towards Catecholamine Club Dinners.
2. Eligibility for Foundation for Catecholamine Research I.J. Kopin young investigator travel fellowship (Note: both the trainee applicant and mentor supporting the application must belong to the Club).
3. Eligibility of members to nominate candidates for the Julius Axelrod Award.
4. Continued receipt of Club Newsletters and ability to contribute to the News and Events forum.
5. Certain web site privileges - posting lab links, job advertisements, etc.



JOIN US AT THE 2007

CATECHOLAMINE CLUB DINNER

MONDAY, APRIL 30, 2007

ZOLA

800 F STREET, NW
WASHINGTON, DC 20004
(202)654-0999

WWW.ZOLADC.COM

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.



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.

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

Register and pay at
www.catecholamineclub.org.

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



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

