

Newsletter

A word from...

Welcome all, to the March 2016 edition of the ISSR newsletter. You will find it jammed packed with all kinds of news and events of interest to “serotoninologists”. We have been especially busy finalizing plans for “Serotonin in Seattle”. Thanks to the tireless and heroic efforts of John Neumaier (Chair of the Local Organizing Committee) and our amazing secretary/treasurer, Kelly Berg, we have a very exciting program to look forward to. I am especially delighted to announce that twenty NIDA travel awards were made this year. I encourage you to check out the meeting website, <http://issr2016.com/>. Here you can view the preliminary program, submit your abstract(s), register and make your hotel bookings. Seattle is especially beautiful in July, so consider extending your stay to explore this magnificent city and surrounding areas.

Also within are some great pics from the hugely successful ISSR mixer held at “The Highline” bar during the Society of Neuroscience (SfN) meeting in Chicago. Thanks to Anne Andrews for organizing this exceptionally well attended and fun event. Thanks must also go to John Neumaier, the surprise guest speaker, for his very entertaining routine. Stay tuned for news about this year’s ISSR mixer at SfN.

2016 is shaping up to be another great year for the “Club”. Spread the word! Especially encourage young investigators to check out our vibrant society, become members and get involved in all things serotonin. With that, I must applaud Sebastian Fernandez once again for his fantastic efforts putting together this newsletter. Enjoy...and I look forward to seeing you in Seattle.

Lynette C. Daws

President

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12th ISSR Meeting: "Serotonin in Seattle"

The Edgewater Hotel, Seattle, Washington, USA
July 24-27, 2016



We are looking forward to welcoming you to Seattle for ISSR 2016, "Serotonin in Seattle" in July!

The symposia are set, the website is up but will be evolving with further information, and registrations are rolling in. Please submit your abstract soon, the deadline for consideration for oral sessions is fast approaching (March 18th) and poster abstracts need to be submitted by April 15th. Early registration rates end on April 15th as well, so we encourage you to register soon if you haven't already and to reserve a hotel room at the Edgewater now. We negotiated a very reasonable rate for the conference during high season and you can stay a few extra days at the reduced rate. Seattle is also a great launching off point to explore the region.

In addition to a great scientific program, we look forward to organized and informal networking and you will have plenty of opportunities to explore the food, drink, and cultural scenes of Seattle. There are many sights to see, activities to do, and this is an ideal venue for bringing family as well. If you have questions, let us know (neumaier@uw.edu).

Important Dates

Oral presentation: deadline March 18th
Poster presentation: deadline April 15th
Early Bird: deadline April 15th
Registration: deadline June 1st

information available at <http://issr2016.com>

John Neumaier
Councilor North-America

Plenary Lectures

We are pleased to announce the selected plenary lectures speakers for the 2016 Serotonin in Seattle Meeting (July 24-27, 2016, Edgewater Hotel, Seattle, USA):

Irvine Page Plenary Lecture



Prof. Trevor Sharp

*Professor of Neuropharmacology
Radcliffe Medical Fellow in
Neuroscience at University
College Oxford
Lecturer in Pharmacology at
Corpus Christi College Oxford*

Maurice Rapport Plenary Lecture



Prof. Daniel Hoyer

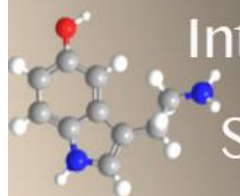
*Chair and Head,
Department of Pharmacology and
Therapeutics,
School of Biomedical Sciences,
Faculty of Medicine, Dentistry and
Health Sciences,
The University of Melbourne*

Paul Vanhoutte Distinguished Lectureship



Prof. Paul M Vanhoutte

*Professor Paul M Vanhoutte
Chair Professor
Department of Pharmacology &
Pharmacy
The University of Hong Kong*



12th ISSR Meeting – Serotonin in Seattle NIDA Sponsored Session “Pioneers and Prodigies”

We received an amazing response to the call for NIDA Travel Awards to attend the 12th ISSR meeting, “Serotonin in Seattle”. The caliber of applicants was top tier, making the job of the selection committee job very difficult. We are delighted to report that twenty awards were made, including one early stage investigator, eleven post-doctoral fellows and eight graduate students. Travel awardees will be assigned a mentor to assist in networking and navigating the meeting. They will participate in a breakfast “meet and greet” with their mentors on the first full day of the meeting and be honored at the closing banquet. All awardees will showcase their work at the poster session. Some awardees will speak in programmed symposium or in the special “Pioneers & Prodigies” session to be chaired by our plenary Lectures, Drs. Trevor Sharp, Daniel Hoyer and Paul Vanhoutte. On behalf of the ISSR we congratulate these outstanding young investigators!



Dr Jessica Babb, Boston’s Children Hospital, USA

“Adaptations of the dorsal raphe in a rat model of depression and following antidepressant treatment”



Coralie Berthoux, Institut de Genomique Fonctionnelle, France

“Early blockade of the 5-HT6/mTOR pathway prevents cognitive deficits at adulthood in a model of cannabis abuse during adolescence”



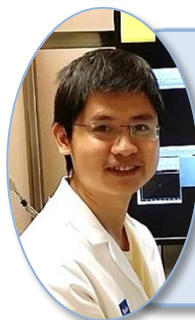
Dr Mario de la Fuente Revenga, Virginia Commonwealth University School of Medicine, USA

“Epigenetic role of 5-HT_{2A} receptor-dependent signaling in schizophrenia treatment”



Dr Rheaclare Fraser-Spears, Univ Texas Health Science Center- San Antonio, USA

“Antidepressant-like effects of the “uptake-2” blocker, decynium 22 in the flinders sensitive line rat model of depression: an assessment of acute vs. chronic administration”



Dr Yanlin He, Baylor College of Medicine, USA

“The sexual dimorphic role of a small potassium current in serotonin neurons in binge eating, anxiety and depression”



Dr Benjamin Okaty, Harvard Medical School, USA

“Transcriptomic and functional diversity of serotonin neuron subtypes”



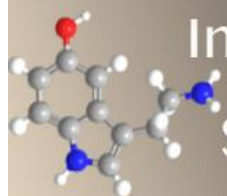
Dr Sudhakar Selvaraj, Univ Texas Health Science Center- Houston, USA

“Serotonin and affect regulation in humans: a combined 5-HT_{1A} [11C]CUMI-101 PET and functional MRI study”



Dr Mariano Soiza-Reilly, Institute du Fer a Moulin, France

“Requirement of SERT in prefrontal cortical neurons to control synaptic maturation in subcortical targets”



NIDA Young Investigator Travel Award Winners

The following NIDA travel award winners will present their work at one of the selected symposia and/or at the poster session.

We congratulate the winners, and encourage all junior researchers to participate in the activities of the Society.



Caleb Browne
University of Toronto, Canada

"Elevated 5-HT activity following constitutive SERT-KO and acute citalopram treatment broadly reduces incentive motivation"



Felix Mayer
Medical University of Vienna, Austria

"New psychoactive substances and their impact on the serotonergic system"

Nako Nakatsuka
University of California LA, USA

"Developing serotonin-specific in vivo neurosensors to link neural signaling with complex behaviors"



Emily Quentin
Institute du Fer a Moulin, France

"The 5-HT_{2B} receptor is a positive modulator of raphe neurons"



Meagan Quinlan
Vanderbilt University, USA

"Does a stabilization of state-dependent, SERT-associated protein complexes explain the constitutively imposed elevated activity of the autism-associated, SERT Ala56 mutant?"



Cornelia Hainer
Max-Delbrück-Center for Molecular Medicine, Germany

"Serotonin and reproduction"

Dr Matthew Robson
Vanderbilt University, USA

"Chronic inhibition of p38 α MAPK normalizes 5-HT clearance, serotonin receptor hypersensitivity and social behavior deficits in the SERT Ala56 genetic model of autism spectrum disorder"



Dr Laetitia Laurent
Université du Québec, Canada

"In utero exposure to venlafaxine alters placental and fetal heart serotonin systems inducing fetal heart defects in the rat"



Dr Derya Sargin
University of Toronto, Canada

"Chronic isolation stress alters the excitability and the modulation of dorsal raphe serotonin neurons"



Dr Carrie McAllister
Univ Texas Medical Branch, USA

"Investigating a putative protein:protein interaction between the serotonin (5-HT) 5-HT_{2A} receptor (5-HT_{2AR}) and 5-HT_{2CR}"

Emily Stephens
Geisel School of Medicine, USA

"Chronic SSRI treatment promotes inhibitory serotonergic signaling in rat prefrontal cortex"



Randy Blakely will head Florida Atlantic University's new Brain Institute as its Executive Director



Randy Blakely, who first cloned the serotonin transporter, is currently a Professor at Vanderbilt. Dr. Blakely is a leader in the field of transporter research and has made seminal discoveries revealing the dynamic regulation of the serotonin transporter. Over the past 20 years at Vanderbilt, Dr. Blakely has served in several leadership roles, including directing the Center for Molecular Neuroscience, and Silvio O. Conte Center for Neuroscience Research. Dr. Blakely will move his lab to FAU in May 2016, where he will spearhead the development of the Brain Institute. For more information see: http://www.fau.edu/explore/homepage-stories/2015_12blakely.php

ISSR member Jeremiah Cohen is 2015 "Eppendorf & Science Prize for Neurobiology" Finalist



Jeremiah Cohen received this honor for his essay "*Dopamine and serotonin signals for reward across time scales*". Dr Cohen received his undergraduate degree from Brandeis University, a Ph.D. in neuroscience from Vanderbilt University, and completed his postdoctoral work at Harvard University. His laboratory in the Solomon H. Snyder Department of Neuroscience at Johns Hopkins University investigates the neural circuits underlying reward, mood, and decision-making.

Dr. Cohen will be a speaker at the next ISSR Meeting 12th ISSR Meeting – Serotonin in Seattle
For more information visit www.issr2016.com

"ISSR Member, Dr. Nicole Baganz, recipient of the Society for Neuroscience Next Generation Award"

Dr. Nicole Baganz, a Research Instructor in the laboratory of Randy Blakely and former student of Lynette Daws, was awarded the Next Generation award by the Society for Neuroscience. This award recognizes individuals who have made outstanding contributions to public communication, outreach, and education about neuroscience. Nicole's research focuses on receptor and signaling pathways regulating the serotonin transporter. She has also been an instrumental part of Vanderbilt University's "Mind, Music and Society" outreach program. Nicole is pictured (far right) with fellow awardee and SfN past president, Steve Hyman.



Call for Nominations:
Councilor- North America and
Councilor- Rest of World

Councilor positions are open for North America (1 opening) and for Rest of World (2 openings) for a 4 year term beginning January 1, 2017 and ending December 31, 2020. Councilors (minimum rank of Assistant Professor or equivalent) may be nominated by any ISSR member, but will be elected by the membership of the region they will represent. The nominee must be a member (i.e., current in dues) of the Society. Please note: self-nominations are very welcome

A major responsibility of an ISSR councilor is to correspond by email concerning Society business, including:

- Selection of plenary speakers and symposia for the biennial international meetings (will begin March-April, 2017 for ISSR 2018),
- Selection of NIH/NIDA sponsored travel award recipients (will begin early October, 2017 for ISSR 2018),
- Raising money/ obtaining sponsorship for the biennial international meetings
- Discussions regarding membership development.
- Selection of the location for upcoming ISSR biennial meetings

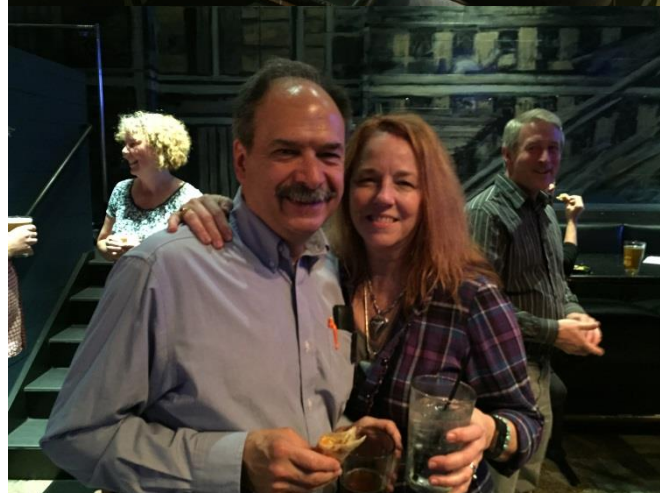
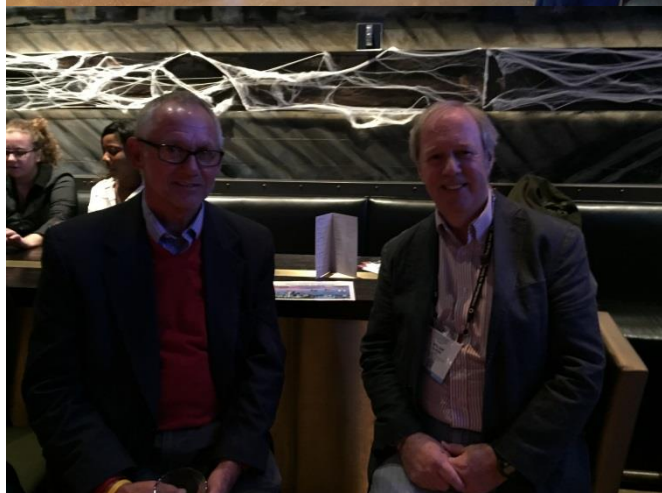
Additional duties of a Councilor include:

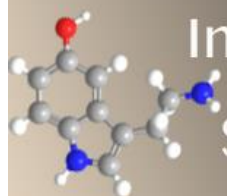
- Increasing the visibility of the Society and membership recruitment
- Attend Society functions, e.g., annual SfN mixers, biennial meetings
- Provide information for the quarterly newsletters regarding meetings, upcoming and past events, and general information of interest to the Society.

Please send nominations to:

Dr. Kelly Berg berg@uthscsa.edu

SfN Mixer 2015 (see you in San Diego for the ISSR Mixer 2016)





JOIN US

We welcome all scientists with an interest in serotonin to become a member of the ISSR. Membership renewals are on a yearly basis (see rates and payment instructions below). Email reminders for membership renewal are now sent in early January, and we ask that you remit dues payments no later than the first of February. Please note - we are still in the process of rotating some members to yearly renewals from a 3-year cycle, those members will be notified when its time to renew membership.

Member dues are currently the only source of revenue for the ISSR. Your dues payments provide the support needed to maintain the viability and vibrancy of our Society.

To become a member, the annual dues are as follows:

- Regular Members: \$50 USD per year
- Graduate students/Post-doctoral Fellows: \$30 USD per year
- Retired Members: \$30 USD per year

To pay by credit card, please follow instructions on the membership page of our Society website, www.serotoninclub.org. Alternatively, payment can be made by sending a check endorsed to the "International Society for Serotonin Research" to the Secretary/Treasurer (Dr. Kelly Berg) at the address below. Please note that we require email confirmation of Student/Post-doc status from the mentor.

Membership renewals are (and renewal reminders will be sent) on a yearly basis beginning January 1, 2014.

Kelly A. Berg, Ph.D.
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San Antonio, TX 78229-3900
EMAIL berg@uthscsa.edu

Address change? All communications with members are carried out via the internet so if we do not have your current e-mail address you risk losing all contact with the Society.

If you have changed your address send it now while you are thinking about it. Kelly Berg (Secretary/Treasurer) BERG@uthscsa.edu

Find Us



http://www.linkedin.com/groups/International-Society-Serotonin-Research-Serotonin-4541265?trk=my_groups-b-grp-v



Remember, we now have a Facebook page as well. Make sure you visit the site at www.facebook.com/pages/SerotoninClub/170600399644105 and "like" the Club to join.

Newsletter All Society members can send their contributions to the Newsletter, including article highlights, meetings/workshops details, job ads and any other relevant information. Send your contribution to the editor (Fernandez@ipmc.cnrs.fr)