

# Newsletter

## A word from...

It gives me great pleasure to introduce this issue of the Society's newsletter. We are now well into my first year as President of the Society and the first year of its new name (of course to many, it will affectionately remain the Serotonin Club). As detailed in our last newsletter, we have also had a change of secretary this year. Sheryl Beck has been an amazing and seemingly inexhaustible secretary for many years but earlier this year she has passed the baton over to Kelly Berg. Over the last six months or so, Kelly has proven an excellent organizer and I am sure that she will be as valuable to the society as Sheryl has been (and still is).

The Society's officers and councillors have been extremely busy with the early stages of the organization of next year's meeting at Arabella Estate, Cape Town, South Africa. A large number of symposium proposals were submitted and it has been very difficult to select 15 for the meeting. After some discussion, it was decided not to have parallel sessions. This has resulted in what is starting to look like a very exciting, albeit very busy, three-day program, the details of which are on the website and will be updated regularly. The two main plenary lectures, the Page and Rapport lectures will be delivered by Herb Meltzer and Charles Marsden, respectively. There will also be a special session for "Prodigies and Pioneers" as well as a dedicated poster session/competition. Lyn Daws has once again been instrumental in getting NIDA travel support for young investigators and the local organizing committee is currently busy finalizing the logistics of the meeting, as well as the dinner and entertainment. Watch this space for further details!

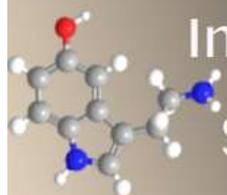
Please encourage every serotonin researcher you know (and anyone else) to come to our meeting and, if they are not already, become members of the society. Needless to say, this meeting could easily be combined with an once-in-a-lifetime trip to explore the amazing nature of South Africa and its neighbouring countries. I am certainly looking forward to it already. In the meantime, I hope to see you all at the Society's mixer at the 2013 SFN meeting in San Diego.

*Maarten van den Buuse*

*President*

## Contents

- Meeting 2014
- SfN Mixer 2013
- Call for Travel Awards
- FENS Social 2014
- Call for Councillors
- Young Members Advisory Committee
- Join Us
- Calendar



**11th International Society for  
Serotonin Research Meeting:  
WCP2014 Satellite  
A Serotonin Safari**

Arabella Hotel and Spa, Western Cape,  
South Africa, July 9-12th, 2014

We are in the midst of planning the next International Society for Serotonin Research meeting to be held July 9-12, 2014 at the Arabella Hotel and Spa in South Africa. Arabella is a beautiful estate located about an hour (60 miles, 100km) from Cape Town International Airport (CPT).

The local organizing committee (LOC), composed of Professor Brian Harvey (chair), Professor Sandra van Dyk, Mr. Dewet Wolmaran, Professor Soraya Seedat, Dr. Sian Hemmings and Mr. Jacques Joubert, is doing a fantastic job. The meeting will be comprised of 15 symposia in a single session format (see listing below), a full session devoted to our Young Investigators (NIDA Travel Awardees- i.e., graduate students, post-doctoral fellows and early-stage investigators) and an evening poster session. In addition, we are very pleased to announce that the Page plenary lecture will be given by **Prof. Herbert Meltzer** (Northwestern University, USA) and the Rapport plenary lecture given by **Prof. Charles Marsden** (University of Nottingham, UK). In addition to the Gala dinner, the LOC is in the process of planning some wonderful evening social events, including the opening reception and a wine tasting. The opening reception will be the evening of Wednesday, July 9, with full day sessions July 10, 11 and 12. To close the meeting, the Gala dinner will be held the evening of Saturday, July 12. The meeting website is currently under construction and we

plan to have travel, hotel and touring information available on the meeting website by the end of October, 2013. Please note we are now accepting NIDA Travel Award Applications (see announcement this issue). We expect meeting registration and abstract submission to "go live" in early January, 2014. *Please let us know of any industry contacts you may have in any part of the world that would be interested in exhibiting or to help finance the meeting.*



*Arabella Hotel & Spa rests in the heart of the Kogelberg Biosphere Reserve. Hugged by the Rooisands Nature Reserve, the Bot River Lagoon and Kogelberg Mountains. Leisure facilities include a heated indoor hydro pool, sauna, and an award-winning spa. Beyond the walls of this five-star retreat, you're spoilt for choice with activities, such as kayaking at sea, horseback rides through the shore and golf at the prestigious Arabella Golf Course [www.africanpridehotels.com/hotels/Pages/arabella-hotel-spa.aspx](http://www.africanpridehotels.com/hotels/Pages/arabella-hotel-spa.aspx)*

**2014 Meeting of the ISSR, Arabella,  
South Africa, July 9-12, 2014  
List of Symposia**

**"Serotonin neurons come of age with 5-HT<sub>1A</sub> receptor function" \***

**Chair:** Dr. Sheryl Beck, Univ Pennsylvania, USA

**Co-Chair:** Dr. Evan Deneris, Case Western Reserve, USA

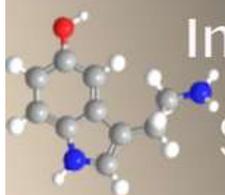
**Speakers:** Dr. Sheryl Beck, Dr. Evan Deneris and Dr. Rodrigo Andrade (Wayne State Univ, USA)

**"Serotonin, cortical microcircuitry and cognition" \***

**Chair:** Prof. Trevor Sharp, Oxford, UK

**Co-Chair:** Dr. Connie Sanchez-Morillo, Lundbeck Research, USA

**Speakers:** Dr. Guadalupe Mengod (Barcelona, Spain), Dr. Victoria Puig (MIT, USA) and Dr. Judith Homberg (Nijmegen, The Netherlands)



**“From Optogenetics to the Microbiome: Emerging strategies to understand the role of 5-HT in anxiety and addiction” \***

**Chair:** Dr. Andrew Holmes, NIAAA, NIH, USA

**Speakers:** Dr. Andrew Holmes, Dr. Nicolas Singewald (Univ Innsbruck, Austria), and Dr. John Cryan (Univ College Cork, Ireland).

**“Cell-type dissection of the serotonergic system and of its developmental targets” \***

**Chair:** Dr. Alexandre Dayer, University of Geneva, Switzerland

**Speakers:** Dr. Alexandre Dayer, Dr. Philippe Marin (Univ Montpellier, France) and Dr. Patricia Gaspar (Institut du Fer a Moulin, INSERM, Univ Paris, France).

**“Serotonin: a new hope in Alzheimer's disease?” \***

**Chair:** Dr. Sylvie Claeysen, Montpellier University, France

**Co-Chair:** Prof. Joel Bockaert, Montpellier University, France

**Speakers:** Dr. Sylvie Claeysen, Dr. Christophe Arbus (Toulouse Univ, France) and Dr. John Cirrito (Washington Univ, USA).

**“Fast Measurements of Serotonin in Brain- Implications for Psychiatric Disease and Drug Abuse” \***

**Chair:** Dr. Lynette Daws, Univ Texas Health Science Center San Antonio, USA

**Co-Chair:** Dr. Anne Andrews, UCLA, USA

**Speakers:** Dr. Lynette Daws, Dr. Katie Ann Jennings (Oxford, UK) and Dr Parastoo Hashemi (Wayne State Univ, USA)

**“Serotonin and schizophrenia”**

**Chair:** Dr. Maarten van den Buuse, Univ Melbourne, Australia

**Co-Chair:** Herb Meltzer, Northwestern Univ, USA

**Speakers:** Prof. Kevin Fone (Univ Nottingham Medical School, UK), Dr. Maarten van den Buuse and Dr. Mark Geyer (UCSD, USA)

**“The 5-HT<sub>2C</sub> receptor at the interface of obesity and addiction”**

**Chair:** Dr. Harriët Schellekens, Univ College Cork, Ireland;

**Co-Chair:** Prof. John F. Cryan, Univ College Cork, Ireland

**Speakers:** Dr. Lora Heisler (Cambridge Univ, UK), Dr. Guy Higgins (Univ Toronto, Canada) and Dr. Harriët Schellekens

**“Novel insights into serotonin receptor structure and function”**

**Chair:** Prof. Finn Olav Levy, Univ Oslo, Norway

**Speakers:** Dr. Joel Bockaert (Univ Montpellier, France), Dr. Kjetil Andressen (Univ Oslo, Norway) and Mr. Daniel Wacker (Scripps Research Institute, USA)

**“Serotonylation: regulation in diverse systems from tetrahymena to mammalian brain”**

**Chair:** Dr. Nancy Muma, Univ Kansas, USA

**Speakers:** Dr. Nancy Muma, Dr. Diego Walther (Max Planck Institute, Germany) and Dr. Patrick Schoss (Zentralinstitut für Seelische Gesundheit, Germany)

**“Drug addiction and impulsivity: is serotonin involved?”**

**Chair:** Dr. Athina Markou, UCSD, USA;

**Co-Chair:** Dr. Kathryn Cunningham, Univ Texas Med Branch, USA

**Speakers:** Dr. Kathryn Cunningham, Dr. Athina Markou and Dr. Trevor Robbins (Cambridge Univ, UK)

**“Serotonin, a modulator of innate immune cells”**

**Chair:** Dr. Luc Maroteaux, Institut du Fer a Moulin, INSERM, Univ Paris, France

**Speakers:** Dr. Angel Corbi (Consejo Superior de Investigaciones Científica, Spain), Professor Josef Priller (Charite Univ, Germany) and Dr. Anne Roumier (Institut du Fer a Moulin, INSERM, Univ Paris, France)

**“5-HT receptors: from function to structure and back”**

**Chair:** Prof. Dan Hoyer, Univ Melbourne, Australia;

**Co-Chair:** Prof. Nicholas Barnes, Univ Birmingham, UK

**Speakers:** Prof. Dan Hoyer, Professor Sarah Lumis (Univ Cambridge, UK) and Dr. John McCorvy (UNC-Chapel Hill, USA)

**“New contributions of serotonin receptors and their molecular networks in synaptogenesis, degeneration and addiction”**

**Chair:** Prof. Valérie Compan, Univ Montpellier, France

**Speakers:** Dr. Evgeni Ponimaskin (Medical School Hanover, Germany), Dr. Veronique Sgambato-Faure (CNRS, France) and Dr. Valerie Compan

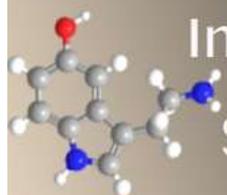
**“The role of serotonin systems in the adverse neuropsychiatric side effects and recreational use of HIV-1 antiretroviral drugs”**

**Chair:** Dr. John Schetz, Univ North Texas Health Science Center, USA

**Co-Chair:** Dr. Charles France, Univ Texas Health Science Center San Antonio, USA

**Speakers:** Dr. John Schetz, Dr. Javier González-Maeso (Mount Sinai School of Medicine, USA) and Dr. Charles France

\* Denotes that a fourth speaker will be added from the Travel Award winners.



## Call For NIDA Young Investigator Travel Awards

2014 Meeting of the ISSR, Arabella, South  
Africa, July 9-12, 2014

Applications are invited for travel awards to attend the 2014 meeting of the ISSR. These awards will cover meeting registration and provide financial support to help defray travel costs for young investigators to attend and participate in the 2014 meeting of the ISSR. Awardees will be matched with a symposium, or will speak in the "Pioneers and Prodigies" symposium.

In addition, awardees will present their work as a poster. Awardees will be matched with a member of the ISSR who will serve as mentor and help with networking throughout the meeting. It is anticipated that ten awards will be made. The size of the award will be contingent upon need (i.e. distance to travel). Applicants will be notified as soon as possible after the submission deadline of **December 15, 2013**.

**Eligibility:** Graduate students, post-doctoral fellows or junior faculty, less than 3 years past post-doctoral training, may apply. Individuals already taking part in a programmed symposium are not eligible. Membership in the ISSR is not a requirement to apply, however, membership is strongly encouraged (instructions for how to join the ISSR may be found at [www.serotoninclub.org](http://www.serotoninclub.org)).

**Selection Criterion:** Selection of Travel Awardees will be based on:

- The quality of submitted abstract: The abstract must be of high scientific rigor, present novel, previously unpublished data and fit within the general theme of the six programmed symposia (identified with \* in the symposia listed on page 2-3). In your application, please note which of these six symposia your research best fits.

- Curriculum vitae: The applicant's curriculum vitae must demonstrate a track record of scientific excellence and productivity, commensurate with the career stage of the applicant.
- Letter of support from the Chair or Head of Department: This letter must document that the applicant is in good academic standing and comment on the applicant's potential for a career as an independent scientist.

*\*Note that if an abstract is deemed truly outstanding, but not within the scope of programmed symposia listed below,*



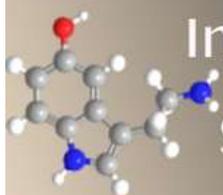
NIDA Travel Award Winners at the 2012 Serotonin Club meeting, held in Montpellier, France.

*and accompanied by a stellar curriculum vitae and letter, exceptions will be made and an award offered. Recipients of these awards will speak in the "Pioneers and Prodigies" session.*

**Please see the Society website for full application instructions.**

[www.serotoninclub.org](http://www.serotoninclub.org)

***Women and minorities are encouraged to apply. Deadline for submission December 15, 2013.***



## ISSR 2013 SFN Mixer

Monday, November 11<sup>th</sup>, 6-8:30 PM  
Hennessy's Gaslamp Tavern 708  
4<sup>th</sup> Ave, San Diego

Since "Rock Bottom Brewery" actually hit rock bottom and closed its doors, we've changed the venue for our mixer. The luck of the Irish has come our way again...Join us for cheers and beers at "Hennessy's Tavern" in the Gaslamp District (708 4th Avenue) in beautiful San Diego, just a short stroll from the convention center. Here you will find great company, fine food, and bountiful brews. As



tradition has it, you can count on being entertained by amusing anecdotes from a surprise guest speaker, and, yes, serotonin will assuredly be mentioned. A charge of \$25 (for those who pre-register, \$35 at the door) includes a scrumptious appetizer buffet and two drink tickets. A cash bar will also be available. Payment can be made by sending a check made out to "The International Society for Serotonin Research" to Kelly Berg, or by credit card at [www.serotoninclub.org](http://www.serotoninclub.org) (please follow the membership tab to access the payment page).

**Questions? Please Contact: Kelly Berg, PhD, University of Texas Health Science Center at San Antonio Dept Pharmacology, 7703 Floyd Curl Dr., San Antonio, TX 78229.**

**Email:** [berg@uthscsa.edu](mailto:berg@uthscsa.edu).

**Website:** [www.serotoninclub.org](http://www.serotoninclub.org).

## Call for Nominations

Councilor- North America  
Assoc/Councilor – Rest of the World

A Councilor position (for North America) and an Associate Councilor (for Rest of the World) are open. Please send nominations to Kelly Berg ([berg@uthscsa.edu](mailto:berg@uthscsa.edu)). Deadline for nominations is **December 1, 2013**. Self-nominations are welcome; if nominating someone else please provide confirmation

that the individual is willing to serve. The nominee must be a member (i.e., current in dues) of the Society.

General duties of a Councilor include:

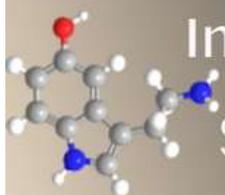
1. Business is largely conducted via email, a major responsibility is to respond by email concerning Society business issues, including selection of symposia to be included in the international meeting (this task was just completed for Arabella 2014), selection of travel awardees for the international meeting, discussions regarding membership development and formation of committees to help with membership, planning of yearly events (e.g., SFN mixer, British Pharmacological Society symposia, FENS mixer).
2. Help recruit additional members to the Society.
3. Volunteer to Chair or participate in committees formed to oversee various functions of the Society, e.g., raising money and obtaining sponsorship for the biannual international meetings, planning of receptions, increasing registration/attendance at events, increasing the visibility of the Society to increase membership.
4. Help plan/solicit ideas for symposia for the international meetings.
5. Provide information for the quarterly newsletters regarding meetings, upcoming and past events, and general information of interest to the Society.

## Transition of Secretary/Treasurer and New ISSR Newsletter Editor

The transition between Sheryl Beck and myself as Secretary/Treasurer of the Society is now complete. However, you may have noticed that Sheryl is now "Immediate-past Secretary/Treasurer". Sheryl has graciously agreed to stay on as part of the Executive Board through the 2014 South Africa meeting. She will continue to guide me through the complexities of this position and will also continue her vital role in the planning and execution of Arabella 2014. Thank you, Sheryl!!

I also want to announce that Sebastian Fernandez has taken over the editor duties of our newsletter. As evidenced by this issue, he is doing a fantastic job- I can't thank him enough for taking over this task!!!

*Kelly Berg*



## ISSR FENS 2014 Social

**Proposal:** Social Gathering at the 2014 Federation of European Neuroscience Societies (FENS) meeting (Milan, July 5-9).

The Council has received a proposal to organize a Social Gathering at the FENS 2014 meeting from two young members of the Society (Mariano Soiza-Reilly and Sebastian P Fernandez). The goal of this social event is to promote our Society and serotonin research in general, especially among young researchers and students that

could represent future members. The format will be very similar to that of the

annual SfN MIXER (i.e. a one evening gathering at either a close-by venue or at a room inside the FENS Conference Centre).

FENS is the largest neuroscience meeting in Europe and a great chance to promote our Society and potentially recruit new members. The Social can be registered and become part of the Official Program of the FENS meeting.

The final organizing committee will be formed by Mariano Soiza-Reilly and Sebastian P Fernandez (INSERM, Paris), Natalia Alenina (MDC, Germany) and Francesca Calabrese (University of Milano, Italy). We are looking for other motivated members that would like to be involved in the organization of this event, especially senior members to expand visibility.

***If you are interested on it or have any ideas please get in contact with:***

**Mariano Soiza-Reilly**

[mariano.soiza-reilly@inserm.fr](mailto:mariano.soiza-reilly@inserm.fr)

**Sebastian Fernandez**

[sebastian.fernandez@inserm.fr](mailto:sebastian.fernandez@inserm.fr)

***Deadline to submit the proposal to the FENS is October 31st.***

## Young Member Advisory Committee

The ISSR Young Members Advisory Committee (YMAC) was recently formed to focus on developing strategies to encourage trainees (e.g., postdoctoral fellows, students) and junior faculty to join the ISSR, attend the biennial meeting and socials. Members of the YMAC include Drs. Adam Halberstadt, Sebastian P. Fernandez, Mariano Soiza-Reilly, and Noelle C. Anastasio. We are actively recruiting young members to the Society by highlighting the many advantages to membership, such as networking with world-renowned scientists, travel awards to the meeting with the opportunity to present in symposia at the meeting. We are working to identify a young scientist from South Africa or neighbouring region to assist in plans for the 2014 meeting. For more information, please visit our LinkedIn page.

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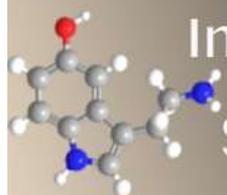
## “Stimulating New Research on Serotonergic Neurotransmission from a Developmental Perspective”

The abstracts and corresponding video captured talks from the symposium “Stimulating New Research on Serotonergic Neurotransmission from a Developmental Perspective” (which took place in 2012 in Aachen, Germany), are now available on the website of the Journal Translational Developmental Psychiatry (TDP).

[www.translationaldevelopmentalpsychiatry.net](http://www.translationaldevelopmentalpsychiatry.net)

please click on "current volume", scroll to the "abstracts" and click on them. Here you will find the talks.

Thank you Professor Florian Zepf for bringing this to our attention



## Special Issue Reviews in the Neuroscience

### "5-HT<sub>6</sub> and 5-HT<sub>7</sub> receptor: new therapeutic targets"

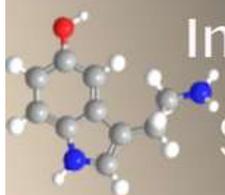
Reviews in the Neurosciences (Prof J Huston, Editor-in-Chief) provides a forum for reviews, critical evaluations and theoretical treatment of selective topics in the neurosciences. The journal is meant to provide an authoritative reference work for those interested in the structure and functions of the nervous system at all levels of analysis, including the genetic, molecular, cellular, behavioral, cognitive and clinical neurosciences.

If you are interested in participating of this Special Issue please contact Dr Alfredo Meneses ([ameneses@msn.com](mailto:ameneses@msn.com))

**Deadline: November 30<sup>th</sup>, 2013.**

## CALENDAR

<b>23 September, 2013</b>	WORKSHOP: Moody Amnesia? Further Understanding of Serotonin 7 Receptors' Neuro-Psycho-pharmacology
<b>5-6 October, 2013</b>	26 <sup>th</sup> European College of Neuropsychopharmacology Congress
<b>9-13 November, 2013</b>	Society for Neuroscience Annual Meeting
<b>11 November, 2013</b>	International Society for Serotonin Research: 2013 SFN Mixer
<b>8-12 November, 2013</b>	52nd Annual Meeting, American College of Neuropsychopharmacology
<b>17-19 December, 2013</b>	British Pharmacological Society
<b>28-31 January, 2014</b>	34 <sup>th</sup> Annual Meeting of the Australasian Neuroscience Society
<b>16-19 May, 2014</b>	21st Stress and Behavior Conference
<b>5-9 July, 2014</b>	9 <sup>th</sup> Forum of the Federation of European Neuroscience Societies (FENS)
<b>9-12 July, 2014</b>	11th International Society for Serotonin Research Meeting: WCP2014 Satellite A Serotonin Safari
<b>13-18 July, 2014</b>	17 <sup>th</sup> World Congress of Basic and Clinical Pharmacology



# 5-hydroxy-trypto...FUN



If you have any Serotonin jokes, send them to [chembass@hotmail.com](mailto:chembass@hotmail.com) !!!

**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](mailto:BERG@uthscsa.edu)

## Find Us

**Linked in** [http://www.linkedin.com/groups/International-Society-Serotonin-Research-Serotonin-4541265?trk=my\\_groups-b-grp-v](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](http://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 the editor ([sebastian.fernandez@inserm.fr](mailto:sebastian.fernandez@inserm.fr)).