



NOTICIAS

LLAMADO PARA CONFERENCIAS DE JÓVENES INVESTIGADORES

LLAMADO A PRESENTACION SIMPOSIO DE JOVENES INVESTIGADORES XXIX Reunión Anual, 1 al 3 de octubre de 2014

La comisión organizadora llama a la presentación de propuestas para el Simposio de Jóvenes Investigadores de la XXIX Reunión Anual de la SAN que tendrá lugar del 1 al 3 de octubre de 2014 en Casa Serrana, Huerta Grande, Córdoba.

Bases

- Postdocs e investigadores independientes que no posean más de 8 años de haber concluido el doctorado
- La presentación tendrá una duración de 20-25 minutos
- La disertación será en inglés

Los interesados deberán enviar un abstract y un curriculum vitae breve de hasta 3 páginas hasta el lunes 30 de Junio de 2014 a la casilla de correo electrónico: congresosan2014@gmail.com con el Asunto "**Simposio Jóvenes_Apellido**". Recibirán un correo confirmando la recepción de las propuestas (en caso de no recibir confirmación re-enviar la propuesta o contactar a nuestra secretaria *Silvina Ceriani* (saneurociencias@gmail.com)).

El abstract debe ser en inglés (máximo de 2000 caracteres incluyendo referencias y espacios). No pueden incluirse gráficos ni imágenes.

La selección será realizada por un comité ad hoc. Los resultados se comunicarán antes del 30 de julio. Los investigadores seleccionados serán becados parcialmente de acuerdo a la disponibilidad de los fondos recaudados por la organización del XXIX Congreso Anual de la SAN.

PRORROGA DEL LLAMADO PARA PREMIO ANUAL SAN A LA MEJOR TESIS DOCTORAL EN NEUROCIENCIAS

A pedido de los socios, se informa la extensión del vencimiento en el llamado al Premio Anual SAN a la Mejor Tesis 2014:

Nuevo Vencimiento para la presentación: **15 de junio de 2014**

Una de las misiones de la SAN es promover la formación de neurocientíficos y dar a conocer el trabajo realizado por nuestras generaciones más jóvenes. Con este espíritu abrimos la convocatoria a la edición 2014 del Premio Anual a la Mejor Tesis Doctoral. Los objetivos de este galardón son: premiar el mejor trabajo de tesis experimental en neurociencias básicas o aplicadas realizado en Argentina, tomar conocimiento de las investigaciones que se realizan en nuestro país y comunicar a la comunidad neurocientífica los alcances de estos trabajos. Se apunta a detectar trabajos de alta calidad científica, independientemente de que hayan sido o no publicados al momento de la presentación.

El premio 2014 consta de:

- AR\$ 10000, que deberán destinarse a un pasaje hacia o desde el exterior (*)
- Inscripción y estadía en meeting SAN 2014
- Dictado de una breve conferencia en SAN 2014
- Diploma

(*) En caso de que el ganador/a estuviese radicado en el exterior, el dinero deberá destinarse a pagar el pasaje para asistir al Congreso SAN 2014. En caso de que el ganador/a residiera en Argentina, el dinero deberá destinarse a pagar un pasaje para presentar un poster o charla en un congreso internacional.

Requisitos

- + El postulante debe ser miembro activo de la sociedad al momento de esta convocatoria y tener sus cuotas al día.
- + El postulante debe haber sido co-autor de al menos un trabajo científico presentado en alguna reunión anual de la SAN al momento de la convocatoria.
- + El trabajo de tesis debe haberse realizado en Argentina
- + La tesis debe haberse defendido entre junio de 2013 y mayo de 2014
- + Calificación sobresaliente (certificado)
- + Postulación del director de tesis avalada por los 3 miembros del jurado
- + Presentación de un resumen de 5 páginas
- + Presentación del archivo de la tesis y CV del candidato

TODOS LOS ARCHIVOS DEBEN SER ENVIADOS EN FORMATO PDF

Se designará un jurado para evaluar las propuestas y se anunciarán los resultados el 31 de Agosto de 2014.

Las postulaciones deben ser enviadas por el director de tesis por correo electrónico a saneurociencias@gmail.com con el asunto PREMIO MEJOR TESIS_APELLIDO DEL CANDIDATO. Recibirán un correo electrónico confirmando recepción.

INVITACIÓN A ENVIAR IMÁGENES PARA LA PÁGINA DE LA SAN

Invitamos a todos los socios a enviar imágenes para ser incluidas en la página web de la Sociedad (www.saneurociencias.org.ar). Deberán ser imágenes propias, producto de las líneas de investigación de los socios. Se incluirán en la página los datos de los investigadores que enviaron las imágenes y su laboratorio. Enviarlas a saneurociencias@gmail.com

CONGRESOS | ENCUENTROS | CURSOS

14° Conferencia Internacional Lipofuscinosis Ceroideas Neuronales (Enfermedad de Batten) y 2° Jornadas Internacionales de Organización de Pacientes

LUGAR : Hotel Sheraton, Córdoba, Argentina.

FECHA : 22 al 26 de Octubre de 2014

LINK | www.nclcordoba.com | nclcongress2014@gmail.com

Summer School in Physics and Neuroscience

LUGAR : Natal, Brasil.

FECHA : 11 al 17 de Agosto del 2014

Fecha | 01/08/2014

School Directors

Guillermo Cecchi, IBM (Yorktown Heights, USA);

Sergio Neuenschwander, Brain Institute - UFRN (Natal, Brazil);

Sidarta Ribeiro, Brain Institute - UFRN (Natal, Brazil).

The aim of this course is to gather high-level experts and talented post-doctoral and graduate students for a 2-week long discussion of the physical and mathematical framework for the generative description of brain function, as well as the inverse problem of decoding brain activity.

School Tracks

1. Complex Networks in the Brain: As it becomes more and more evident from anatomical and physiological studies that the brain is a highly interconnected system, complex network theory is one conceptual framework to characterize the structure and function of neural tissue.

2. Criticality and Non-equilibrium Statistical Mechanics of Neural Networks: Ample evidence indicates that traditional approaches to characterize the architecture and dynamics of neural networks fail to capture their intrinsic non-Gaussian, non-equilibrium nature.

3. Thermodynamics of Psychophysics and Behavior: While physicists have dedicated great effort to understand how mesoscopic emergent features such as synchronization arise from the ground up in neural ensembles, i.e. the statistical mechanics of neural tissue, relatively little attention has been paid to the formal characterization of the emergent features that are evolutionarily and behaviorally relevant such as perception and cognition.

4. Integrative Physiology: Accelerating efforts in automated architecture reconstruction, and the increasing availability of massive physiological recordings, are confronting physicists with the challenge to develop theories that can match the experimental data.

5. New Mathematics for the Brain: It is evident that the sheer complexity of the brain can only be partially captured by the mathematical tools currently available to physicists and modelers in general. The field needs not only to adapt state-of-the-art mathematical physics concepts and tools to support brain theories and analyze large-scale data, but also to develop novel ideas specifically addressing the micro-, meso- and macroscopic features of neural tissues.

Conference fees

Students = US\$140,00 / €110,00 / R\$300,00

Professionals = US\$240,00 / €180,00 / R\$500,00

*Cash Only

Registration: Open now until **August 1st, 2014**

Accommodation and transportation to be determined for those who qualify for financial help. To apply, please visit our registration page.

For More information please contact events@iip.ufrn.br

LINK <http://goo.gl/v1Ek9W>

BECAS | OFERTA LABORAL | FINANCIAMIENTO

licenciatura | doctorado | postdoc

1 **Applications open for the IBRO 2015 Research Fellowships**

IBRO Research Fellowships, which include the John G Nicholls and Rita Levi-Montalcini Fellowships, support post-doctoral training to applicants under the age of 45 for up to one year abroad in good laboratories. The IBRO Research Fellowships were created in honor of John G. Nicholls, the founding director of the IBRO Visiting Lecture Team Programme (VLTP), and Rita Levi-Montalcini, winner of the 1986 Nobel Prize in Physiology or Medicine for her discovery of the nerve growth factor.

There is only one application to complete.

Amount: up to 35,000 euros

Length of stay: one year, non-renewable

Application requirements

- A letter of acceptance from the proposed supervisor (Host Scientist) indicating that he/she is willing to accept the candidate and agrees on the proposed project.
- Two letters of reference are required, one of which should be from the present Supervisor.
- If available, evidence of an offer that the applicant will have a position to return to in his/her home country after the fellowship.
- Applicants from the US/Canada Region will not be considered.

Please note: The funds from IBRO Fellowships should not be spent on indirect costs (such as administrative costs of a research institution or university). Qualified candidates will not yet have begun working at the laboratory where he/she is applying for the research fellowship at the time the application is submitted. Applicants coming from the United States and Canada will not be considered; however, research fellowships at universities and research institutions within the U.S. and Canada do have the possibility of being funded. This program does not allow for follow-on funding after the first year. In addition, as the program generally does not allow duplicate funding, if simultaneous financial support from another source is offered, approval is needed from the IBRO Secretariat.

Application deadline: June 15, 2014 (11:59 p.m. CET)

Apply here: <http://form.jotformpro.com/form/41174176269964>

2 Call for Proposals: 2015 and 2016 Latin American Training Program

Dear Colleagues:

The Society for Neuroscience (SfN) is pleased to announce a Request for Proposals (RFP) in support of establishing a dynamic, enhanced online training program for young investigators from Latin America and the Caribbean. The program will consist of two major components that are interwoven: an online engagement and learning platform that will be open to all qualified applicants, known as LAT Associates, and a three-week on-site training program that takes place at a host institution. Trainees selected to supplement their Associate experience through this hands-on experience will be referred to as LAT Fellows. The host institution serves as the host of the onsite program and as the program champion and supporter for the year round online program for the year, selecting faculty to guide the online curriculum throughout the program.

Potential host institutions are located in Argentina, Brazil, Chile or Uruguay. Interested institutions must outline the institution's capacity and technological capability to host the program and a letter of support from the institution. Additional application requirements are outlined in the RFP. The 2014 course is hosted by the Universidad Nacional Autónoma de México (UNAM)-Institute of Neurobiology in Queretaro, Mexico. This solicitation for proposals is for the 2015 and 2016 program.

The Latin American Training Program (LATP) supersedes the successful Ricardo Miledi Neuroscience Training Program. The LATP is generously supported by The Grass Foundation, the Latin American Regional and US/Canada Regional Committees of the International Brain Research Organization. Future host institutions are expected to commit \$25,000 USD of in-kind support for the program. The official RFP, RFP application and an example curriculum are attached to this message.

Interested institutions should visit www.sfn.org/latp to learn more about the program and download a copy of the RFP. Completed proposals are due to the Society for Neuroscience by Friday, June 13, 2014. Please email completed applications to globalaffairs@sfn.org. Selected host institutions will be notified of selection by mid-July. The 2015 course director is expected to visit the 2014 course (August 4-22) in Queretaro, Mexico to learn about the program. Travel expenses for the site visit will be covered by the Society for Neuroscience.

Please forward this announcement to interested institutions. The Society for Neuroscience welcomes inquiries about the program. Please contact Christopher LaPrade (claprade@sfn.org) for additional program information.

Thank you for supporting neuroscience training and development in Latin America and the Caribbean.
Sincerely,

Christopher LaPrade
Manager, Global Affairs
Society for Neuroscience | 1121 14th Street NW, Suite 1010, Washington, DC 20005
T: (202) 962-4000 | F: (202) 962-4941 | claprade@sfn.org | SfN.org

Files to download:

Call for proposals: <http://goo.gl/xBLC15>

Host Institution Application: <http://goo.gl/FQfxCc>

Example curriculum: <http://goo.gl/Scp6g0>

3 **CALL FOR PROPOSALS: WWN/SFN COLLABORATIVE RESEARCH NETWORK PROGRAM (CRNP)**

Sponsors: Women in World Neuroscience Program (WWN) Executive Committee and SFN/PDC Committee

Primary Contacts: Dr. Emmeline Edwards, Dr. Jean King & Dr. Orly Weinreb (WWN)

Through the WWN sponsored focus groups, we have realized that mid-career women scientists could benefit from increased partnerships and collaborative research opportunities. Many of these female neuroscientists are isolated in their institutions and the development of their research programs could get a “jump start” by pooling resources and establishing small research networks between 1- 3 faculty members. This initiative seeks to establish such partnerships between mid-career women neuroscientists with faculty positions at academic institutions in low and middle income countries that seeks to:

- Initiate or expand a research program in basic or translational neuroscience
- Foster and accelerate joint submissions for larger federal and non- federal grants

Eligibility

The Collaborative Research Network Program (CRNP) is open to all mid-career female neuroscientists that hold a faculty appointment at a University and/or Medical School in low and middle income countries.

Allowable Use of Funds

Individual project awards (up to \$2,500 per project) will be made on a competitive basis to enable one to three investigators to develop collaborative research projects. The mission of the CRNP is to bring groups of researchers together, pool resources from their individual institutions and generate preliminary data to increase successful subsequent submissions of both federal and non-federal funding.

The following criteria will be used to review and evaluate proposals

- Intellectual Merit: Projects that include all efforts to enhance our understanding of some components of basic or translational neuroscience
- Collaboration: Projects must include two or three faculty members preferably from more than one institute, university or medical school
- Growth Opportunity: Projects that demonstrate the opportunity to be leveraged to attract and secure outside funding from federal, state, industry, foundation and other sources
- Project Leadership: Projects must have at least two co-PI's one, from each institution

WHAT TO SUBMIT

A 3-page proposal detailing: 1) the research project (Specific Aims, Approach, and Overall Impact of proposed research); 2) the proposed team of collaborators (background, expertise and individual contribution to the project); 3) plan and timeline for submission of larger federal and non-federal grant application.

Submit application to Dr. Orly Weinreb, WWN Secretary at worly@cc.technion.ac.il

Receipt Date: **July 31, 2014**

Earliest Award Date: September 1, 2014

4 *Fundación Instituto Leloir. Position Available: Group Leader*

Following the steps of its founder, the 1970 Nobel Prize in Chemistry Dr Luis Federico Leloir, our Institute has established a reputation for international excellence in scientific research in life sciences.

We particularly welcome the application of early career and recently established researchers with outstanding scientific records to work in our institute with approaches including, but not restricted to biology, molecular biology, biochemistry, structural biology, cell biology, single-molecule biophysics, and/or bioinformatics.

Requirements

- To hold excellent academic and publication records.
- To demonstrate ability to lead a research group with an innovative and independent project.
- To be eager to integrate into a multidisciplinary environment where different research groups collaborate intensively.
- To show strong commitment to the training of young researchers.

We will provide

- Laboratory space.
- Access to institutional equipment for cell biology, biochemistry, structural biology and bioinformatics.
- Startup grant to be defined.

Salary

- Argentinean candidates must hold (or apply for) a position at the National Council for Research on Science and Technology (CONICET) (www.conicet.gov.ar). Av. Patricias Argentinas 435 Tel. (+5411) 5238-7500 C1405BWE – Ciudad de Buenos Aires Fax (+5411) 5238-7501 Argentina www.leloir.org.ar.

- Foreign applicants must meet the conditions to qualify for a position at CONICET (more information upon request).

Submit your application to concursofil2014@leloir.org.ar, including:

- A cover letter describing your career and current and future research plans (maximum five pages).
- CV.
- Three letters of reference.

Deadline: September 20th, 2014.

Selection: Applicants will be evaluated by a Selection Committee and prospective candidates will be interviewed by faculty members by telephone, video conference or in person.

5 **PhD students/Postdocs position in Amyotrophic Lateral Sclerosis, Israel**

We are looking for highly motivated and skilled graduate students and postdocs who want to be part of a novel and exciting project to determine new molecular mechanisms involved in ALS (Lou Gehrig's disease) pathogenesis.

The main focus of the research in our lab is on the cellular and molecular mechanisms that lead to the onset and progression of neurodegenerative diseases (e.g., Alzheimer's disease, Parkinson's disease, Huntington's disease) with special emphasis on amyotrophic lateral sclerosis (ALS, Lou Gehrig's disease). These devastating diseases represent a major challenge to public health worldwide, especially as our population continues to age.

ALS is a progressive adult-onset neurodegenerative disorder characterized by the selective loss of upper and lower motor neurons in the brain and spinal cord, followed by paralysis and ultimately death within 2-5 years. The typical age of onset is between 50 to 60 years for most forms of ALS. The disease significantly affects the patient's quality of life, being characterized by progressive muscle weakness, atrophy and spasticity. Today, the disease is incurable, and there is no effective treatment to cure or even significantly slow disease progression.

We combine biochemistry, molecular biology and use both cellular and in vivo models to investigate the molecular mechanisms involved in ALS pathogenesis.

Our long term aim is to identify new candidate agents that will be able to slow or stop the progression of the disease. These agents will be tested in pre-clinical studies and will be the basis to develop new drugs for the treatment of ALS and other neurodegenerative disorders.

For more details please contact Dr. Adrian Israelson

Department of Physiology and Cell Biology

Ben-Gurion University of the Negev

Beer Sheva, Israel

Tel: ++972-8-6477343

Email: adriani@bgu.ac.il

Webpage: <http://fohs.bgu.ac.il/israelsonlab>

6 El laboratorio de Fisiología de la Acción busca:

1 candidato/a doctoral para presentar a beca de CONICET en el 2014.

1 candidato/a postdoctoral para presentar a beca de CONICET en el 2014.

El laboratorio, ubicado en el Departamento de Fisiología de la Facultad de Medicina (UBA), se especializa en el estudio de la neurociencia del comportamiento humano. Utilizamos técnicas psicofísicas para estudiar distintos aspectos del comportamiento, así como métodos de mapeo cerebral no invasivos como la estimulación magnética transcraneana y la resonancia magnética para estudiar la contribución de la red motora a distintos aspectos del control motor. Las líneas principales del laboratorio incluyen el aprendizaje motor, la consolidación y persistencia de memorias motoras, los mecanismos neurales que subyacen a la comprensión de acciones realizadas por otras personas (action observation) y el estudio de los mecanismos de control online del movimiento. Para obtener mayor información acerca de nuestras publicaciones y del lab en general ingrese a la página web: www.physiologyofactionlab.info

- El candidato/a doctoral deberá poseer o estar por obtener una Licenciatura en Biología, Bioquímica, Medicina, Ingeniería, Física o carreras afines.

- El candidato postdoctoral deberá poseer o estar por obtener un doctorado en Biología, Bioquímica, Física, Ingeniería o carreras afines. Es requisito tener experiencia previa en neurociencias o en comportamiento. Se priorizará aquellos candidatos con conocimientos de matlab o algún otro lenguaje de programación aunque no es excluyente.

Los candidatos seleccionados serán presentarán a la convocatoria de beca del CONICET del 2014

Los interesados deberán enviar un CV a vdellamaggiore@gmail.com, y una breve justificación de su interés por el tema del laboratorio.

7 Se busca estudiante avanzado o egresado de biología, bioquímica o carreras afines para realizar tesina de licenciatura o tesis doctoral.

Los postulantes para tesis doctoral serán presentados en la convocatoria del CONICET para becas doctorales.

Tema de estudio: Investigación del mecanismo molecular de la regulación de la función del receptor GABA-A en modelos in vitro e in vivo de tolerancia a las benzodiazepinas. Se emplearán técnicas bioquímicas, de biología molecular y de cultivos celulares.

Director: María Clara Gravielle

Lugar de trabajo: Instituto de Investigaciones Farmacológicas-CONICET-UBA

Contacto: Enviar CV (incluyendo un detalle de materias cursadas, notas obtenidas y promedio) a **María Clara Gravielle**: graviell@ffyb.uba.ar, mgravielle@yahoo.com

8 Búsqueda de estudiantes para tesis de licenciatura y/o doctoral (beca CONICET)

Se buscan estudiantes/graduados de carreras biomédicas con interés en realizar una Tesis de Licenciatura con perspectivas a presentarse a Beca tipo I CONICET en el 2014 (o directamente en el caso de los graduados)

Lugar: Laboratorio de Fisiopatología Neuronal, Instituto de Fisiología y Biofísica "Houssay" (UBA-CONICET), Fac. de Medicina-UBA.

Proyecto: Estudio a nivel conductual, neuropatológico, bioquímico y molecular de nuevos modelos animales basados en la sobreexpresión (animales transgénicos) o knock-down (virus) de TDP-43, una proteína clave en la patogénesis de enfermedades neurodegenerativas como Esclerosis Lateral Amiotrófica y Demencia Frontotemporal.

Requisitos

- tener un promedio mayor o igual a 8
- disponibilidad mínima de 12 hs semanales.

Los interesados podrán enviar su Curriculum vitae actualizado (incluyendo promedio) al **Dr. Lionel Müller** Igaz (lmuller@fmed.uba.ar)

Acerca del Boletín

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**se recuerda que los
corresponsales reciben
información para
su publicación hasta
el día 3 de cada mes**

**Todos los boletines y más información pueden encontrarse en nuestra página web
www.saneurociencias.org.ar**

HASTA LA PROXIMA!!!