



**SATELLITE EVENT OF THE BRAZILIAN SOCIETY OF NEUROSCIENCE
SOCIEDADE BRASILEIRA DE NEUROCIENCIA E COMPORTAMENTO (SBNEC)**

Auditório FACE – Universidade Federal de Minas Gerais - Campus Pampulha Belo Horizonte

Shades of Interdisciplinarity in Neuroscience

August from 27 to 29, 2018

SCHEDULE

August 27

8:30 am	Opening Ceremony <i>Prof. Fábio Alves – Pró-Reitor de Pós-Graduação – UFMG</i> <i>Profa. Sílvia H. Paixão Alencar – Pró-Reitora Adjunto de Pós-Graduação – UFMG</i> <i>Profa. Cecília Hedin-Pereira – FIOCRUZ-RJ - Presidente da SBNeC (2011-2014)</i>
Musical performance	Toca de Tatu
9:00 am	Sinopse <i>The group Toca de Tatu will play pieces by classical composers of Brazilian music, such as Ernesto Nazareth and Zequinha de Abreu, as well as an own re-reading of Carinhoso by Pixinguinha and Brasileirinho, by Waldir Azevedo. The program also includes songs recorded on the two CDs of the group, "My friend Radamés" (2013), all dedicated to maestro and composer Radamés Gnattali, and "Affinity" (2017), dedicated to pieces by contemporary composers from Minas Gerais. The repertoire includes the song Alumiado of the guitarist of Toca de Tatu, Lucas Telles.</i> Members (alumni from UFMG: Escola de Música): <i>Abel Borges (percussão), Lucas Ladeia (Cavaquinho), Lucas Telles (violão), Luísa Mitre (piano)</i> Program: • Ernesto Nazareth – Escorregando • Pixinguinha – Carinhoso • Waldir Azevedo - Brasileirinho • Lucas Telles – Alumiado • Zequinha de Abreu - Tico-tico no Fubá • Radamés Gnattali – Gatinhos no Piano

Opening Lectures	<i>Celebration of the 50th Anniversary of the Biochemistry and Immunology Graduate Program</i> Host: Profa. Leda Q. Vieira – Coordenadora do Programa de Pós-Graduação em Bioquímica e Imunologia – ICB – UFMG Prof. Jader dos Santos Cruz – Sub-Coordenador do Programa de Pós-Graduação em Bioquímica e Imunologia – ICB – UFMG
9:30 am	<i>Neuroadaptations in the septohippocampal pathways following alcohol-related brain damage</i> Lisa M. Savage (Binghamton University – U.S.)
10:30 am	<i>Associative thalamic control of striatal dopamine and reward</i> Brian Mathur (University of Maryland School of Medicine – U.S.)
12:00 pm	Lunch
Round Table I	<i>Synaptic Plasticity in health and disease</i> Coordinator: Cleiton Aguiar (Depto de Fisiologia e Biofísica – ICB – UFMG)
2:00 pm	<i>Why and how to treat hyperexcitability after traumatic brain injury</i> Fábio Antonio Borges Vigil (University of Texas Health San Antonio –U.S.) <i>Epilepsy hijacking brain oscillations: a gradual corruption from normal activity</i> Márcio F.D. Moraes (Depto de Fisiologia e Biofísica – ICB – UFMG) <i>Tracking the influence of hippocampal inputs on cortical memory traces during post-learning sleep</i> Matheus Guimarães Hofner (MSc student in Bioquímica e Imunologia – UFMG) <i>Hippocampal-prefrontal synaptic plasticity and oscillatory patterns in physiological and pathological conditions</i> Cleiton Aguiar (Depto de Fisiologia e Biofísica – ICB – UFMG)
Round Table II	<i>Cannabinoids and Neuropsychiatric disease</i> Coordinator: Fabrício A. Moreira (Depto de Farmacologia – ICB – UFMG)
4:30 pm	<i>Cellular determinants in a chronic stress depression model and a possible therapeutic role for cannabinoids.</i> Cecília Hedin-Pereira (FioCruz-RJ and UFRJ) <i>Cannabinoid receptor gene polymorphisms and cognitive performance in patients with schizophrenia</i> João Vinicius Salgado (Depto de Morfologia – UFMG) <i>Dopamine and cannabinoids in the biology of bipolar disorder</i> Juliana Bastos (Ph.D. student in Neurociências – UFMG) <i>Inhibiting cocaine effects through modulation of the endocannabinoid system</i> Fabrício A. Moreira (Depto de Farmacologia – UFMG)
August 28	
Lecture 8:00 am	<i>Symbolic behavior and aesthetic responding</i> Júlio César de Rose (INCT-ECCE e Psicologia – UFSCar)

Round Table III	<i>Symbolic behavior and memory</i> Coordinator: Renato Bortoloti (Depto de Psicologia – UFMG)
9:00 am	<i>Equivalence relations and N400 component: An experimental model of symbolic behavior evaluated through ERPs</i> Edson M. Huziwara (Depto de Psicologia – UFMG) <i>Effects of contextual cueing on episodic memory judgments</i> Antonio Jaeger (Depto de Psicologia – UFMG) <i>Implicit Preference Measures for Mobile Apps and the Influence on Visual Search</i> Joana Andrade Ramalho Pinto (MSc student in Neuroscience – UFMG) <i>Emotional faces in symbolic relations: A happy superiority effect involving the equivalence paradigm</i> Renato Bortoloti (Depto de Psicologia – UFMG)
Lecture 11:30 am	<i>Neuroimaging in Schizophrenia from MRI to PET</i> Raffael Massuda (Medicine and Health Sciences – UFPR)
12:30 pm	Lunch
Round Table IV	<i>Social cognition and neuropsychiatric conditions</i> Coordinator: Isabela Barbosa (Depto de Saúde Mental – UFMG)
2:00 pm	<i>Social cognition in Neurodegenerative diseases</i> Leonardo Cruz de Souza (Depto de Clínica Médica – UFMG) <i>Social Cognition in Schizophrenia</i> Breno Fiuza (Hospital das Clínicas – UFMG) <i>Cognitive aspects in late life depression and correlation with Alzheimer's disease</i> Giovana Carvalho Mol (MSc student in Neurosciences – UFMG) <i>Social cognition in Bipolar Disorder</i> Isabela Barbosa (Depto de Saúde Mental – UFMG)
Round Table V	<i>Tricks for treating neurological disorders</i> Coordinator: Juliana Carvalho Tavares (Depto de Fisiologia e Biofísica – UFMG)
4:30 pm	<i>Gene therapy approaches for glaucomatous neurodegeneration.</i> Vinícius Ribas (Depto de Morfologia – UFMG) <i>Hematopoietic stem cell transplant for multiple sclerosis</i> Maria Carolina de Oliveira Rodrigues (Depto de Clínica Médica – USP-RP) <i>Neuroprotection and immunomodulation following axotomy of Spinal motoneurons</i> Alexandre Leite Rodrigues de Oliveira (Depto de Anatomia – UNICAMP) <i>Why to treat experimental autoimmune encephalomyelitis (EAE) with DMF-solid lipid nanoparticles?</i> Juliana Carvalho Tavares (Depto de Fisiologia e Biofísica – UFMG)

August 29

Round Table VI	<i>Neuroplastic and immunological effects of physical exercise</i> Coordinator: Paula L. Scalzo (Depto de Morfologia – UFMG)
8:00 am	<i>Physical exercise and neuroplasticity</i> Guilherme Menezes Lage (Depto de Ed. Física – UFMG) <i>Physical exercise, immunological system and inflammation</i> Albená Nunes da Silva (Centro Desportivo CED – UFOP) <i>Neuroinflammation</i> Aline Silva de Miranda (Depto de Morfologia – UFMG) <i>Physical exercise and neurotrophic factors</i> Paula Luciana Scalzo (Depto de Morfologia – UFMG)
Round Table VII	<i>Science for education: how neuroscience can impact the classroom?</i> Coordinator: Grace Schenatto Pereira Moraes (Depto de Fisiologia e Biofísica – UFMG)
10:30 am	<i>Mathematical Cognition</i> Julia Bahnmüller (Tübingen University – Alemanha) <i>Neuroeducation: Is it possible to have an evidence-based education?</i> Vitor Haase (Depto de Psicologia – UFMG) <i>Empathy in the classroom: targeting the teacher.</i> Thaynara Cristina Ildefonso Peixoto (MSc student in Neurosciences - UFMG) <i>Interdisciplinarity in favor of learning: results of a study carried out at Centro Pedagógico da UFMG.</i> Grace Schenatto Pereira Moraes (Depto de Fisiologia e Biofísica - UFMG)
12:30 pm	Lunch
Panel	<i>Integration between bioengineering and neuroscience: Challenges of interdisciplinary graduate programs</i>
2:00 pm	<i>Moderador:</i> Márcio F.D. Moraes (Depto de Fisiologia e Biofísica – UFMG) Eduardo Mazoni A. M. Mendes (Depto de Engenharia Eletrônica – UFMG) Estevam B. de Las Casas (Depto de Engenharia Mecânica – UFMG)
Round Table VIII	<i>Glutamatergic receptors and neurodegenerative processes</i> Coordinator: Christopher Kushmerick (Fisiologia - UFMG)
3:30 pm	<i>Role of mGluR5 in Huntington's disease neuroinflammation</i> Fabiola Mara Ribeiro (Depto de Bioquímica e Imunologia - UFMG) <i>Targeting mGluR5 for the treatment of neurodegenerative disease</i> Stephen S. G. Ferguson (Canada Center Research - Univ. of Ottawa) <i>The mGluR5 positive allosteric modulator VU0409551 improves synaptic plasticity and memory of a mouse model of Huntington's disease</i> Isabella Guimarães Olmo (Ph.D. student in Neuroscience - UFMG) <i>Ionotropic actions of metabotropic glutamate receptors</i> Christopher Kushmerick (Depto de Fisiologia e Biofísica - UFMG)

**Closing lecture
conference**

5:30 pm

*Elucidation of signaling pathways in the nervous system critical to health and disease: from the single-molecule to the cell to in vivo behavior***Mark S. Shapiro** (University of Texas Health San Antonio – U.S.)**Organizing Committee***Angela Maria Ribeiro – Depto de Bioquímica e Imunologia – ICB – UFMG**Camila M. C. Montovani – Depto de Comunicação Social – FaFiCH – UFMG**Cecília Hedin-Pereira – President of the SBNeC (2011-2014) – FIOCRUZ – RJ**Carlos Magno M. Dias – Ph.D. student - PPG em Neurociências – UFMG**Christopher Kushmerick – Depto de Fisiologia e Biofísica – ICB – UFMG**Cristiano Simões – Ph.D. student - PPG em Neurociências – UFMG**Joana Andrade Ramalho Pinto – M.Sc. student - PPG em Neurociências – UFMG**Juliana Carvalho Tavares – Depto de Fisiologia e Biofísica – ICB – UFMG**Mariana Elena Jacobsen – Ph.D. student - PPG em Bioquímica e Imunologia – UFMG***Support:***Admilson Lemos da Costa Filho – MSc student - PPG em Neurociências – UFMG**Alan Caeiro – Undergraduate student - Course of Medicine – UFMG**Anna Luiza Diniz Lima – MSc student - PPG em Neurociências – UFMG**Briana H. Machado Tarabai – Undergraduate student - Course of Medicine – UFMG**Carlos E. de Menezes e Souza Filho – Undergraduate student - Course of Medicine – UFMG**Daniel Cavalcante Nunes – MSc student - PPG em Neurociências – UFMG**Flávio Moreira – MSc, PPG em Neurociências – UFMG**Grace Ane Morgana de Queiroz – Ph.D. student - PPG em Neurociências – UFMG**Iasmin Rabelo de Queiroz – MSc student - PPG em Neurociências – UFMG**Ivonne Carolina Bolaños – MSc student - PPG em Neurociências – UFMG**José Claudio Rodrigues da Silva – MSc student - PPG Cognição e Comportamento – UFMG**Júlia Cheik Andrade – MSc student - PPG em Neurociências – UFMG**Marina da Silva Oliveira – Undergraduate student - Course of Biomedicine – UFMG**Margarete Schmidt – Ph.D. student - PPG em Neurociências – UFMG**Thaís Bueno Dias Albuquerque – MSc student - PPG em Neurociências – UFMG***Scientific Committee***Angela Maria Ribeiro (Depto. de Bioquímica e Imunologia - UFMG)**Christopher Kushmerick (Depto de Fisiologia - UFMG)**Cleiton Aguiar (Depto de Fisiologia - UFMG)**Fabício Moreira (Depto de Farmacologia - UFMG)**Grace S. Pereira Moraes (Depto de Fisiologia e Biofísica - UFMG)**Izabela Barbosa (Depto de Saúde Mental – UFMG)**Jader S. Cruz (Depto. de Bioquímica e Imunologia - UFMG)**Juliana Carvalho Tavares (Depto de Fisiologia e Biofísica - UFMG)**Paula L. Scalzo (Depto de Morfologia - UFMG)**Renato Bortoloti (Depto de Psicologia - UFMG)***Support***Instituto de Estudos Avançados Transdisciplinares – IEAT – UFMG**Pró-Reitoria de Pós-Graduação – PRPG – UFMG**Programa de PG da Bioquímica e Imunologia – ICB – UFMG**Programa de PG em Fisiologia e Farmacologia – ICB – UFMG**Programa de PG em Neurociências – UFMG**Sociedade Brasileira de Neurociências e Comportamento – SBNEC*