## **Preliminary Programme of**

## Symposium "Serotonin in Anxiety and Depression"

DAY 1 – 20 <sup>th</sup> JUNE		
16:00	Registration and Tea	
18:00 – 18:50	Opening Ceremony – Marcus Lira Brandão (FFCLRP-USP) – "The Sensory-motor interface in Defensive Reactions: revisited"	
19:00 – 19:50	Inaugural lecture – Bill Deakin (University of Manchester, Manchester, UK) – "to be informed"	
	DAY 2 – 21 <sup>st</sup> JUNE	
8:00 – 9:00	Robert Blanchard (College of Social Sciences, Department of Psychology, University of Iowa, Hawaii) – "Modeling social, anxiety and stereotyped behavior in the mouse"	
9:00 – 10:00	Caroline Blanchard (College of Social Sciences, Department of Psychology, University of Iowa, Hawaii) – "Translational Approaches to the Study of Autism Spectrum Disorder"	
10:00 - 10:15	Coffee break/Refreshments	
10:15 – 11:15	Hélio Zangrossi Jr. (FMRP-USP) – "Are different neural substrates involved with the panicolytic and anxiolytic effects of antidepressants?"	
11:15 – 12:15	Thelma Lovick (University of Birmingham, Birmingham, UK) – "SSRIs and the female brain: novel actions and new opportunities"	
12:15 – 14:00	Lunch Time	
14:00 – 15:00	Luiz Carlos Schenberg (UFES, Vitória, ES) — "Translating Panic Disorder"	

- **15:00 16:00** Elizabeth Audi (UEM, Maringá, PR) "Anti-panic effects in animal models of anxiety as the result of serotoninergic system activation"
- **16:00 16:15** Coffee break/Refreshments
- **16:15 17:15** Cristina Marta Del Ben (FMRP-USP) "The role of 5HT in fear processing: contributions from human experimental models"
- **17:15 18:15**Maurice Pretter (Neurology, Psychiatry, Psychotherapy, New York, NY) "Panic, suffocation<br/>false alarms, separation anxiety and endogenous opioids"

## DAY 3 – 22<sup>nd</sup> JUNE

8:00 – 8:50	Norberto Coimbra (FMRP-USP) - "Role of 5-HT1A serotonergic receptors in the panicolytic effect of cannabidiol on mice threatened by confrontation with the wild constrictor snake Epicratescenchriacrassus"
9:00 – 9:50	Telma C. S. Andrade (Universidade Estadual Paulista Júlio de Mesquita Filho, Faculdade de Ciências e Letras de Assis) — "Involvement of the serotonergic pathway — Median Raphe Nucleus — Dorsal Hippocampus in Anxiety and Depression"
10:00 - 10:15	Coffee break/Refreshments
10:15 - 11:15	Ricardo Luiz Nunes-de-Souza (Universidade Estadual Paulista Júlio de Mesquita Filho, Faculdade de Ciências Farmacêuticas de Araraquara, Departamento de Princípios Ativos Naturais e Toxicologia) – "'Deakin & Graeff' in the mouse brain".
11:15 – 12:15	Dean Mobbs (MRC Cognition and Brain Sciences Unit, Cambridge, UK) — "Survival Intelligence and the Nervous System"
12:15 – 14:00	Lunch Time
14:00 – 15:00	Mario Juruena (FMRP-USP) - "HPA axis activity: Relationship between Stress and Depression"
15:00 - 16:00	Christopher Lowry (Department of Integrative Physiology, University of Colorado, Colorado, USA) – "Serotonergic systems, anxiety, and affective disorders: twenty years of support for the Deakin/Graeff hypothesis"
16:00 - 16:15	Coffee break/Refreshments
16:15 – 17:15	Pedro A. S. Prado-Lima (Pontifícia Universidade Católica do Rio Grande do Sul,

	Porto Alegre, RS) – "to be informed"
17:30 – 18:30	Closing Lecture – Frederico G. Graeff (FFCLRP, FMRP – USP) – "Serotonin and
	opioid interaction in the dorsal periaqueductal gray in the pathophysiology of
	panic disorder"

OBS: This is the preliminary version of the programme of this symposium and is submitted to review and changes by the Organizing Committee at any moment that precedes the event.

Last change: April 12, 2012