



FAPESP-BAYLAT Workshop on  
**NEURAL BASIS OF  
STRESS, FEAR AND ANXIETY**

April 12-16, 2018  
Ribeirão Preto, Brazil

**2018 workshop overview**

**a. Formal keynote lectures by the workshop coordinators and mentors**

**Dr. Francisco S. Guimarães**

“Role of atypical neurotransmitters in the control of fear responses”

**Dr. Carsten T. Wotjak**

“Role of endocannabinoids in fear regulation”

**Dr. Newton S. Canteras**

“Dynamics of the neural circuits responding to predatory threats”

**Dr. Sâmia Joca**

“Glutamate and beyond: new avenues paving the way for improved therapeutics in depression”

**Dr. Rüdiger Klein**

“Central amygdala functions – from fear learning, to prey hunting, and appetite control”

**Dr. Alon Chen**

TBA

**b. Research sessions:** where the early career researchers/ PhD students about to defend thesis are able to share their current research (oral presentations).

1. Neurobiology of social defeat (Chair: Dr. Newton Canteras)
2. Stress and neural plasticity (Chair: Dr. Sâmia Joca)

3. Cutting edge tools: from tracing to functional studies of neuro circuits (Chair: Dr. Rudiger Klein)

4. Cannabinoids in stress, fear and anxiety (Chair: Dr. Francisco Guimarães / Dr. Carsten Wotjak)

**c. Networking sessions:** where researchers are able to interact and explore opportunities for collaboration (e.g. speed-networking sessions).

**d. Poster session:** where other young participants will present their work

**e. Discussion on the short and long-term funding opportunities** in the Free State of Bavaria/Germany and in the State of São Paulo/Brazil.

The coordinators and mentors, together, will discuss the funding possibilities in both countries, stressing joint applications possibilities (DAAD/Capes program, for example). We will also have former students and post-docs from Brazil that undergone training in German institutions to speak about their own experiences.

**f. Meet the Professor:** the coordinators and mentors will be available for short group discussion on scientific topics such as specific research interests, job/fellowships opportunities, career development, collaborative investigation etc.

**g. Cultural activity:** get-together meeting for all participants to interact in an informal environment.

**h. Visit to relevant research facilities:** the participants will have the opportunity to visit the laboratories of the School of Medicine of Ribeirão Preto (University of São Paulo) during of the workshop.

**Financial support:**

