

## **Post-doctoral position, Neuropsychopharmacology and Biopsychology Unit, University of Vienna, Austria – to be filled by Jan 1 2018, or earlier (2 years)**

The Neuropsychopharmacology and Biopsychology Unit (NBU) at the University of Vienna has an opening for a 2 year post-doc position (full-time employment, research only). The NBU is an interdisciplinary research group of neuroscientists with backgrounds in psychology, neurobiology and mathematics ([www.nbu-vienna.com](http://www.nbu-vienna.com)). Our group seeks to improve the understanding of the neurobiological basis of human social behavior. Our main research focus is to better understand human decision making in various social interactions (e.g. competition, cooperation, trust), by combining methods from neureconomics and neuropsychopharmacology with computational modelling. The group has recently suffered a loss in the passing of its head and founder Dr. Christoph Eisenegger, and is now supervised by Prof. Claus Lamm. We are looking for a researcher that would, apart from undertaking a research project on their own, collaborate and co-supervise other members of the group, and has expertise in one or more of the following areas:

- computational modelling of decision making (machine learning, reinforcement learning)
- behavioral or neuro-psychopharmacology (ideally, experience with testosterone, estradiol and/or dopamine)
- neuroeconomics and social decision making

We offer a state-of-the-art research infrastructure involving direct access to a research dedicated 3 Tesla MRI scanner, including combined EEG/TMS and EEG/fMRI systems, three EEG labs, brain stimulation labs (TMS and tDCS) including neuronavigation, mobile and stationary psychophysiological devices, including eye tracking, and a decision making laboratory for group social interaction experiments. We also have access (via collaborations) to state-of-the art biomedical and genetics laboratories, and to a 7 T MRI scanner. The group also has established close collaborations with a wide range of internationally recognized researchers (<http://www.nbu-vienna.com/cooperations.html>).

Applicants must have earned a Ph.D. degree (or are expected to have graduated by the starting date) in Neuro- or Behavioral Economics, Social and/or Cognitive Neuroscience, Psychology, Biology, or related fields. They document their research skills by an excellent PhD, and by high-quality peer review publications. Excellent oral and written English language skills are mandatory. Working language of the lab is English. An autonomous work-style and genuine curiosity is both required and supported. Applications from both junior and more senior post-doc candidates are welcome. Candidates are expected to develop and implement their own research ideas within the general framework of the research project “The neurobiology of beliefs in dynamic social interaction”, funded by the Vienna Science and Technology Fund and initiated by Christoph Eisenegger ([https://wwtf.at/programmes/vienna\\_research\\_groups/VRG13-007](https://wwtf.at/programmes/vienna_research_groups/VRG13-007)).

Applications are invited to be submitted by November 1<sup>st</sup> 2017, but might be considered on an ongoing basis until a suitable candidate is found. The expected starting date is January 1<sup>st</sup> 2018, but this is negotiable. The position will be available for up to 2 years, depending upon qualifications and career path of the applicant. The salary scheme is based on the Collective Bargaining Agreement for University Staff: Article 48f B1 lit. b (Postdoc), which amounts to a yearly salary (after tax) of about € 34.000,-. The University of Vienna is the oldest university in the German-speaking world. The Faculty of Psychology is located at the center of the beautiful Danube city, which has been ranked highest in living quality worldwide for several years now. Vienna is a highly international city and while some command of the German language is advantageous, it is not required.

Applications should be sent electronically and include a CV (incl. full publication list, with 3 most important publications provided as PDFs; junior candidates with no published papers yet should provide accepted or submitted manuscripts, or their thesis), a cover letter (maximum 2 pages)

explaining why you are suited for and interested in this position, including a sketch of concrete research interests (1 page), two to three persons who can be contacted as references (including full address, homepage, and email address), and (if available) an electronic copy of the grades and written evaluations of the Ph.D. thesis. Please send these materials to Sigrid Hager ([sigrid.hager@univie.ac.at](mailto:sigrid.hager@univie.ac.at)) with "Application Postdoc NBU" in the e-mail header. For informal enquiries, please contact Claus Lamm directly ([claus.lamm@univie.ac.at](mailto:claus.lamm@univie.ac.at)).