



Universitätsklinikum
Hamburg-Eppendorf

Come to Hamburg!

Open Postdoc Position (full time, 3 years) at the Department of Systems Neuroscience

Postdoc position in Nutrition Neuroscience

We seek outstanding applicants whose research interests lie at the intersection of metabolism, psychology and neuroscience and who are interested in studying brain mechanisms underlying homeostatic and hedonic aspects of ingestive behavior. The full-time, three years DFG-funded postdoctoral position is located within the research group Lifespan Neuroscience (head: Dr. Stefanie Brassen). The position holder will be primarily responsible for the project ***'Metabolic-cognitive control of food choices and long-term dietary success in aging'*** in which pharmacological fMRI will be used to study the neural underpinnings of pleasure and self-control during food-related decision making and the role of central insulin functioning in lean and overweight individuals. A special focus is placed on the modifiability of these systems by dietary intervention and age-related changes. Planned analyses include representational similarity analysis (RSA), dynamic causal modeling (DCM) and probabilistic tractography. Experience with these techniques is a definite plus, programming skills (e.g. Matlab, Python) are mandatory. Strong interests in the field of neuroimaging and aging research are valuable.

The Department of Systems Neuroscience (head: Prof. Christian Büchel) provides an excellent multi-disciplinary and highly interactive neuroimaging environment with its own physics, psychology and clinical neuroscience groups as well as a research dedicated 3T MR scanner (PRISMA), EEG- and eye-tracking laboratory. The institute hosts an international graduate school that offers a comprehensive program covering all areas of neuroscience and provides an excellent research environment.

Candidates should submit a CV, names of two references and brief statement of research interest by e-mail to Dr. Stefanie Brassen (sbrassen@uke.de). Informal inquiries about the position can also be addressed to S. Brassen.

Applications will be considered until the position is filled.