

## **Werner Dessauer Cluster Foundation**

### **Postdoctoral Clinical Research Fellowship in Headache Medicine and Neurology 100%**

A research fellowship in the field of cluster headache is available at the University Hospital Zurich, Department of Neurology. It is the mission of this grant financed by the Werner Dessauer Foundation to promote research for cluster headache and to improve treatment.

#### **Background:**

Cluster headache is a primary headache disorder with considerable burden. Although clinical features, neuroimaging findings and endocrinological studies point towards hypothalamic dysfunction, its pathophysiology is still poorly understood. The diagnosis is frequently made only after several years of suffering and therapy is often challenging.

#### **We offer:**

- Affiliation with the Headache Clinic at the University Hospital Zurich.
- Comprehensive neuroimaging facilities, including functional, structural, and perfusion MRI, MR spectroscopy, diffusion tensor imaging, EEG, tDCS.
- A rich scientific environment of the University Hospital in collaboration with the departments of neuroradiology, neurosurgery and with the University of Zurich (center of dental medicine) and the Swiss Federal Institute of Technology (ETH Zurich).
- A two-month clinical training at King's College, London, with Prof. P.J. Goadsby at the start of the fellowship will provide an initiation into trigeminal autonomic cephalalgias.

#### **Profile & job description:**

- The postdoctoral research fellow is a trained neurologist with experience in treatment of headaches.
- For the clinical work, knowledge of German language is required.
- She/he has interest in neuroimaging (especially functional MRI and/or perfusion MRI).
- For her/his scientific and clinical work there will be a close collaboration between the University Hospital Zurich, the Institute for Biomedical Engineering (ETH Zurich), and the Pain Center of RehaClinic Bad Zurzach.

Duration of the research project will be approximately 2(-3) years. The fellowship shall enable the candidate to prepare a postdoctoral thesis (habilitation) at the University of Zurich.

#### **Mode of application:**

Please present a structured draft (300-500 words) of a research project on neuroimaging and phenotyping in cluster headache. Any drafts on possible treatment effects on neuroimaging will also be welcome. An international expert panel will select the best project.

The deadline for the application is 1<sup>st</sup> June 2017.

#### **Applications shall be sent to:**

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