



## Postdoctoral (PhD student) Positions at the MPI for Biological Cybernetics, Dept. 'Physiology of Cognitive Processes'

The chemistry group at the **Max Planck Institute for Biological Cybernetics**, Department 'Physiology of Cognitive Processes' of Prof. Nikos K. Logothetis, Tübingen, Germany, has two postdoctoral (or PhD student) positions for

### an **Organic Synthetic Chemist / Bioorganic Chemist** and a **Coordination Chemist**

to conduct research in the field of synthetic inorganic / organic / bioconjugate chemistry. The aim of the project is the synthesis and characterization of bioactivated MR contrast agents based on Gd macrocyclic chelates.

The chemistry lab is equipped with state-of-the-art facilities for synthesis and analysis, including a 300 MHz NMR spectrometer, a fluorescence spectrometer, as well as preparative HPLC and analytical capillary HPLC-MS systems. The MR imaging facilities include three Bruker BioSpec MR imaging systems (4.7T/40cm, 7T/30cm & 7T/60cm) for rodents and monkeys. Interdisciplinary interest is of primary importance; familiarity with *in vivo* imaging modalities would be very helpful. The candidates will be part of an established and well-funded research program.

The positions follow the guidelines for fellowships of the Max Planck Society or the German TVöD (EG 13, EG 13/2 for PhD students). Benefits correspond to those of employees in public service. Scientific interaction at the institute is in English. The Max Planck Society is an equal opportunity employer. Women and members of minority groups are strongly encouraged to apply. In addition, qualifications being equal, precedence will be given to candidates with disabilities. Applications should be sent by email, as a single PDF file containing the actual application, a letter of intent, and a short CV, to:

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