

Postdoctoral position at Division of Sensory and Cognitive Brain Mapping,  
Department of System Neuroscience,  
National Institute for Physiological Sciences, Okazaki, Japan

Division of Sensory and Cognitive Brain Mapping (PI: Professor Hiromasa Takemura; <https://www.nips.ac.jp/scbm/en/>) is a laboratory launched at National Institute for Physiological Sciences, Japan and focuses on studying structure-function relationships of the brain using magnetic resonance imaging (MRI).

Takemura Laboratory invites applications for postdoctoral researchers.

1) Research topic

The applicant is expected to promote research on brain imaging using MRI. Specifically, we are looking for applicants who can perform research along one of the following topics: (i) high-resolution structural and/or functional brain mapping using 7T MRI system, (ii) cognitive neuroscience studies on sensory or language processing in the human brain, and (iii) structural and/or anatomical brain mapping studies on human or non-human primate brains.

National Institute of Physiological Sciences houses 7T and 3T MRI facilities fully dedicated for research. The laboratory houses a setup for human behavioral experiments including visual psychophysics.

2) Job title

Full-time postdoctoral researcher (NIPS Research Fellow), One position

3) Workplace

Division of Sensory and Cognitive Brain Mapping, Department of System Neuroscience,  
National Institute for Physiological Sciences

38 Nishigonaka Myodaiji, Okazaki, Aichi, 444-8585 JAPAN

4) Qualifications

Applicants must have a Ph.D. or be scheduled to complete the degree until the starting date.

A prior experience on neuroimaging studies is not necessary, but successful candidates are expected to be experienced in coding in MATLAB and/or Python. Applications from candidates who have research experience in a related field, such as psychophysics, electrophysiology, and neuroanatomy, are encouraged.

5) Appointment period

The position is initially offered for 1 year, with the possibility of extension up to 3 years in total, based upon evaluation.

6) Salary and benefits

Salary will be commensurate with qualifications and experience, in accordance with institutional regulations. Fulltime. Discretionary labor system applies. For more information, please contact Professor Takemura by email.

7) Deadline for application

October 24th, 2022 (Japan time)

However, we will potentially close this open call earlier if successful application was made prior to the deadline.

8) Starting date

Starting date can be negotiable, but we prefer an earlier starting date as much as possible.

9) Application procedure

Please send the following documents (in PDF format) to Professor Hiromasa Takemura by email.

(i) Complete CV

(ii) List of publications

(iii) Summary of your previous and current research and reason for your application (1 page maximum)

(iv) Research statement including future plans (2 pages maximum)

(v) Contacting information of two professional work references (name, affiliation, e-mail address, and phone number)

In principle, we will not return the above documents. Application documents will only be used for the selection process and be discarded after the end of selection.

#### 10) Selection procedure

We will interview applicants who passed review of application documents. The interview will be performed either in-person or online (Zoom) depending on the situation of COVID-19 pandemic. Notifications will be sent via email.

#### 11) Gender equality

National Institute for Physiological Sciences promotes a Gender Equality program by taking various measures to create a workplace where people are able to give full rein to their talents and abilities regardless of their gender. We give hiring priority to females when they are recognized as an equivalent level of candidate in terms of performance and evaluations compared to other applicants. We also take periods of maternity leave, parental leave and leave for elderly care for considerations if applicants specify such periods in their CV.

#### 12) Personal information protections

Personal information included in application documents will be managed under the Act on the Protection of Personal Information in Japan and institutional regulations, and will be only used for selections and hiring purposes.

#### 13) Contact Details

Hiromasa Takemura

Professor

Division of Sensory and Cognitive Brain Mapping

Department of System Neuroscience

National Institute for Physiological Sciences

E-mail: [htakemur@nips.ac.jp](mailto:htakemur@nips.ac.jp)

If you have any questions regarding this job call, please feel free to forward your questions by email.