Job advertisement
Section of Electron Microscopy, National Institute for Physiological Sciences (NIPS), National Institutes of Natural Sciences (NINS), Okazaki, Japan

1. Job title
Researcher

2. Research field
One of research goals of the National Institute for Physiological Sciences (NIPS) is to elucidate the neural microcircuit architecture and function of the cerebral cortex. We have started two research projects. Investigation of synaptic transmission at the nanometer level, and elucidation of the neural microcircuit architecture and function of the cerebral cortex using large-volume EM data obtained with a high-throughput imaging system with transmission electron microscope. In addition, we conduct research aimed at understanding of the learning and memory principles found in the neocortex using combined in vivo imaging and electron microscopy. We are looking for two ambitious junior researchers who will each participate in one or more of the above projects and enthusiastically pursue research under the supervision of Associate Professor Yoshiyuki Kubota.

3. Qualifications
Applicants meet any of the following conditions and should have a Ph.D. degree or an equivalent scientific career.

(1) Interest in research on the neural microcircuit architecture and function of the cerebral cortex with sufficient experience in research using electron microscopy, or with strong motivation/enthusiasm to work using it.

(2) Interest in research on learning and memory mechanisms and have abundant experience in in vivo imaging, two photon/laser confocal microscopy.

4. Term of appointment
Annual renewal possible until March 31, 2025

5. Application and required documents;
   (1) Complete CV
(2) Research statement (including summary of past research, reasons for application and future plans in NIPS; approximately 600 words)

(3) List of publications

(4) Other information

(5) PDF files of not more than 3 main publications

As to (1), (2), (3), (4), (5), please send an electric medium in which all files are included. (6) Recommendation letter(s) (Please seal tightly in an inner envelope. It is fine to send separately from the recommender.)

Please note that submitted documents and materials will not be returned to applicants.

6. Deadline
May 31st (Tue), 2022

7. Start of Employment
The earlier, the better

8. Others
(1) Gender Equity

a) NIPS is promoting a Gender Equity Program by taking various measures to create a workspace where both men and women are able to give full rein to their talents and abilities.

b) NIPS gives hiring priority to women when they are recognized as equivalent during performance evaluations.

c) NIPS includes consideration for periods when researchers did not perform research due to leave for maternity, elderly and child care if applicants specify such periods in their CV.

(2) Handling of personal data Personal information in the application are handled in strict confidentiality, and will not be utilized for any other purposes. Application documents will not be returned.

9. Contact details
Please send the application by e-mail: yoshiy(a)nips.ac.jp (replace (a) with @)
Associate Professor Yoshiyuki Kubota
Section of Electron Microscopy
National Institute for Physiological Sciences, NINS

5-1 Higashiyama, Myodaiji, Okazaki, Aichi 444-8787, JAPAN
Phone; +81-564-59-5282