

Guidelines for application

[Position]

Postdoctoral Researcher in Nanomedicine and Bioimaging

[Working place]

Aeju Lee's Laboratory, International Research Organization for Advanced Science and Technology (IROAST), Kumamoto University (Kurokami South Campus)
2-39-1 Kurokami, Chuo-ku, Kumamoto, 860-8555, Japan

[Job description]

A laboratory studying nanomedicine, bioimaging, and medical devices was established in the International Research Organization for Advanced Science and Technology (IROAST), Kumamoto University in Jan. 2017. The laboratory has job vacancy for a postdoctoral researcher. The successful applicant will work for the development of targeted multi-functional polymeric nanomedicines for Parkinson's disease and cancer diagnosis/therapy. The project will investigate the development, characterization and *in vitro/ in vivo* test of nanoparticles capable of targeting disease region. It is highly multi-disciplinary research, involving nanoparticle engineering, polymer chemistry and *in vitro/ in vivo* NIRF/MR imaging investigations.

We are looking for a highly motivated, nano-biomaterials specialized postdoctoral candidate. The successful candidate will collaborate with other team using their expertise in multi-disciplinary research.

[Starting date]

The earliest possible date after April 1, 2017

[Qualifications]

Candidates should have completed, or be about to complete Ph.D. degree in Biochemistry, Chemistry, Material science, Bioengineering, Chemical engineering, Biomedical science or a related field. Prior experience in nanomaterials synthesis/characterization for *in vitro* or *in vivo* application is essential. Writing and Communication in English are essential. Experience of cell culture and animal model would be advantageous.

[Compensation]

- Salary and allowances (commuting, housing, etc.): to be paid based on Kumamoto University's regulation
- Working hours: 7 hours 45 minutes/day (plus overtime hours, if necessary)
- Holidays: Saturdays, Sundays, national holidays, year-end through New Year holidays, summer holidays (3 days), paid holidays (10 days/year after working for 6 months), etc.
- Social insurances: Health insurance, employees' pension insurance
- Employment term: One-year contract, to be renewed every year for up to 4 years

[Application period]

2017/4/30 Deadline for receipt. The recruitment will be closed when the position is filled.

[How to apply]

Please submit the following documents in one PDF file to aeju-lee@kumamoto-u.ac.jp.

The documents should be prepared in English.

1. CV (including a photo, research experiences, and research skills)
2. List of publications (including Impact factor and Peer-review)
3. Summary of research experiences (free format, one page in A4 size)
4. Research plan (free format, one page in A4 size)
5. Three professional references (Name, e-mail address and affiliation)

[Method of Selection]

Screening of submitted documents, and interview via skype or face-to-face.

[Contact]

- Aeju LEE, Tenure-track Associate Professor, IROAST, Kumamoto University
Email: [aeju-lee\[at\]kumamoto-u.ac.jp](mailto:aeju-lee@kumamoto-u.ac.jp) (Change [at] to @.)
- Takuro NIIDOME, Professor, Faculty of Advanced Science and Technology, Kumamoto University
Email: [niidome\[at\]kumamoto-u.ac.jp](mailto:niidome@kumamoto-u.ac.jp) (Change [at] to @.)

[Additional information]

As regulated in the University policies, the personal information you submit will be used only for the purpose of this selection process.

Kumamoto University supports gender equality. Therefore, the selection process will be conducted in compliance with the Gender Equality Law. For more information regarding our policies on gender equality, please visit <http://gender.kumamoto-u.ac.jp>.

Kumamoto University – <http://ewww.kumamoto-u.ac.jp/en/>

Kumamoto – <http://www.jnto.go.jp/eng/location/regional/kumamoto/kumamotoshi.html>