

## Postdoctoral Researcher Positions at ITbM

Wolf B. Frommer's and Masayoshi Nakamura's group at the Institute of Transformative Bio-Molecules (ITbM), Nagoya University, is seeking highly motivated postdoctoral researchers with a strong background of structural biology, biochemistry and imaging. ITbM is a newly founded research institute at Nagoya University that tackles important biological questions by applying original techniques of molecular synthesis. Wolf B. Frommer's group (PI: Wolf Frommer, Professor at Heinrich Heine University Düsseldorf and the Max Planck Institute for Breeding Research, Köln, Germany; co-PI: Masayoshi Nakamura, Designated Lecturer at Nagoya University) aims to discover new molecules that will revolutionize transporter research and engineer the metabolite sensors and manipulating tools to benefit agriculture. The successful candidate will work in one of the areas in our group: (i) Engineering of genetically encoded biosensors and sponges for *in vivo* biochemistry, (ii) Characterization of the determinants of interactions between small molecules and transporters to help identifying novel drugs and agrochemicals; (iii) The search for yet unidentified receptors for small molecules; and chemical genomics and imaging of processes related to cellular growth and dynamics.

[Job title] Research Fellow

[Place of work]

ITbM Building, Nagoya University, Higashiyama campus (Furo-cho, Chikusa, Nagoya)

[Requirements]

Candidates should have Ph.D. degree and strong background of structural biology, biochemistry and imaging. with a solid research publication record as exemplified by the first-authored manuscripts. Interests in molecular biology, cell biology, biochemistry, and chemical biology are considered desirable. ITbM has unique and exciting research environment where chemists, biologists, and computational chemists coming from various areas of Japan as well as many foreign countries share work space to enhance interdisciplinary research. The candidates should have high-level communication skills, be highly active and interactive while being independent, and willing to tackle challenges to work with scientists from different fields, in particular the chemistry/biology interface at ITbM.

[Condition of employment]

Start date: June 2017 or negotiable (it may take a few months to obtain "Certificate of Eligibility" to reside in Japan as a researcher)

Term: The employment contract may be renewed depending on annual performance evaluations. (3 years maximum from the first employment)

Employment shall be terminated by March 31 of the year you reach the age of 65.

Salary: 4.2 million JPY per year (350,000 JPY/month) under annual salary system.

Annual salary will include commuting allowance, biannual bonus, diligence bonus, retirement benefit, etc.

Insurance: Enrolled in National Public Officers Mutual Aid Association (Health Insurance) and Welfare Pension Insurance, Workers' compensation insurance and Employment insurance.

Nagoya University Rules shall be applied to other conditions.

Others: Travel allowances for new posting (travel cost, daily allowance, accommodation and relocation allowance) shall be paid in accordance with Nagoya University's rules at the time of employment.

However, upon retirement, any travel allowance for leaving Japan shall not be covered.

[Application methods]

Send the following documents as a single pdf file to Dr. Nakamura (mnakamu@itbm.nagoya-u.ac.jp).

1. Cover letter outlining your research interest and career goal
2. Curriculum vitae (free format including e-mail address, photograph, residence address, and publication list)
3. Research achievements and proposed research
4. Recommendation letters or contact information of 2 references including the current supervisor

[Selection procedures]

The applicant will be selected based on;

- 1) Primary paper screening
- 2) Job interview (only who passed primary paper screening)

[Application deadline]

Application documents should be submitted by March 31, 2017. The application will be terminated as soon as our decision is made.

[Contact and Inquiries]

Dr. Masayoshi Nakamura  
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[Notes]

Applicant should be responsible for all travel expenses incurred for the interview and new posting. Submitted application documents shall not be returned. All personal information is handled in strict confidentiality and is not utilized for any other purpose or disclosed to any third party.