

■ Job Information

Subject No.	2026R-4
Job Title	Fixed Term Researcher
Department	Advanced ICT Research Institute / Kobe Frontier Research Center, Bio-ICT Laboratory
Work Contents (Research theme)	Research and Development in Bioinformation Measurement and Mathematical Modeling
Detail of Work Contents	This research aims to develop high-precision measurement and mathematical modeling technologies for biological information. By integrating microscopy optics, image analysis, and mathematical approaches such as topology and graph theory, we seek to represent complex biological systems quantitatively. The Article 15(2) of the Act on the activation of Science, Technology and Innovation will be applied to this work content.
	Employees to be hired through this recruitment may apply for external competitive research fundings such as Grant-in-Aid for Scientific Research (KAKENHI) and NICT's internal research fundings.
Application requirement	Applicants should hold or be expecting a Ph.D. in basic science or engineering. Experience in designing optical systems for microscopy, biological image analysis using Python/C++/Java, and network analysis using topology or graph theory is desirable. Experiences of frequency-domain mathematics, especially in super-resolution microscopy and deconvolution, is required. Strong interest and experience in modeling biological information using mathematical expressions are also expected.
Recruiting (Number of people)	1
Contract period	hiring date ~ March 31,2027 N.B. Contract could be renewed.
The employment period in case of fully renewing	Up to 5 years if certain conditions are fulfilled
Salary (basic salary)	¥515, 000 ~ ¥534, 000/month Basic salary shall be determined by taking into account each employee's experience and task to be engaged in. However, as a basic salary is compliant with government employees' wages, it shall be changed when a basic salary is changed after labor union and the like of NICT agreed under a revision to the government employees' wages.
Work Place	Advanced ICT Research Institute (Iwaoka, Nishi-ku, Kobe-shi, Hyogo)
Working frequency	5days/week (7.5hours/day)

* Scope of change in work and workplace : No changes are expected in general

* The expressions used in "Work Contents (Research theme)" and "Detail of Work Contents" and the names of "Department" and "Work Place" may be subject to change due to organizational restructuring or other reasons.