

■ Job Information

Subject No.	2026R-5
Job Title	Fixed Term Researcher
Department	Advanced ICT Research Institute / Kobe Frontier Research Center, Bio-ICT Laboratory
Work Contents (Research theme)	Understanding and Regulating Cellular Information Systems Using a Constitutive Approach
Detail of Work Contents	Development of technologies that artificially reproduce the flexible and highly efficient information transfer and processing performed by cells, using a constitutive approach. The successful candidate will be responsible for setting up in vitro artificial cell experimental systems based mainly on biochemical and biophysical methods. 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 have a PhD in basic science or engineering, and a strong interest in the biological ICT such as autonomous telecommunications system. • The candidate should be proficient in preparation of cell-sized liposomes (artificial cells) and their characterization using fluorescence microscopy and other techniques. • The candidate should have knowledge and experience in biochemical experiments. • Applicants with a background and practical experience in conducting experiments using microfluidic devices are encouraged to apply.
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.