Detail of WORK Contents       for setting up in vitro artificial cell experimental systems based mainly of 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 competiti research fundings such as Grant-in-Aid for Scientific Research (KAKENHI) and NICT s internal research fundings.         Application       • 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 have the proficient in preparation of cell-sized liposome (artificial cells) and their characterization using fluorescence microscopy and other techniques.         • The candidate should have knowledge and experience in biochemical experiments such as protein expression and purification.         Applicants with knowledge and experience in biophysical analytical approaches (analysis of liquid-liquid phase separation, molecular dynami simulations of biological membranes, etc.) are preferred.         Recruiting (Number of people)       1         Contract period       hiring date ~ March 31,2025 N.B. Contract could be renewed.         The employment period in case of fully renewing       Y484,000 ~ ¥516,000/month         Basic salary       Y484,000 ~ ¥516,000/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	Subject No.	2024R-127
Department         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 responsib for setting up in vitro artificial cell experimental systems based mainly or 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.           Bayloynes to be hired through this recruitance: any apply for external competitive receiver fundings such as Grant-in-Mid for Scientific Research (MAEENII) and NICT 's internal research fundings.           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 have howledge and experience in biochemical experiments such as protein expression and purification.           Applicants with knowledge and experience in biophysical analytical approaches (analysis of liquid-liquid phase separation, molecular dynami simulations of biological membranes, etc.) are preferred.           Recruiting (Number of people)         1           Contract poriod         N.B. Contract could be renewed.           The comployment period in case of fully renewing         Yath, Nou ~ Y516, 000 / month           Salary (basic salary)         Basic salary is changed ather l	Job Title	Fixed Term Researcher
(Research theme)       Constitutive Approach         Detail of Work Contents       Development of technologies that artificially reproduce the flexible and highly officient 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 or 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 competitit research fundings such as Grant-in-Aid for Scientific Research (GMEEND) and NUT * internal research fundings.         Application       - 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 bave have knowledge and experience in biochemical experiments such as protein expression and purification.         Applicants with knowledge and experience in biochemical experiments such as protein expression and purification.         Applicants with knowledge and experience in biochemical experiments such as protein expression and purification.         Applicants with knowledge and experience in biophysical analytical approaches (analysis of liquid) phase separation, molecular dynami simulations of biological membranes, etc.) are preferred.         Recruiting (Number of people)       1         Contract period       hiring date ~ March 31,2025 N.B. Contract could be renewed.         The employment period in case of	Department	
Detail of Work       highly efficient information transfer and processing performed by cells, using a constitutive approach. The successful candidate will be responsib for contents         Detail of Work       for setting up in vitro artificial cell experimental systems based mainly or 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 competition research fundings such as forant-in-Aid for Scientific Research (KAKENHD) and NLCT 's internal research fundings.         Application       · 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 liposome (artificial cells) and their characterization using fluorescence microscopy and other techniques.         · The candidate should have knowledge and experience in biochemical experiments such as protein expression and purification.         Applicants with knowledge and experience in biophysical analytical approaches (analysis of liquid-liquid phase separation, molecular dynami simulations of biological membranes, etc.) are preferred.         Recruiting (Number of people)       1         Contract period       N.B. Contract could be renewed.         The emplayment period in case of fully       v484,000 ~ V516,000/month         Basic salary shall be determined by taking into account each employee's experience and task to be engaged in. However, as		
Innovation will be applied to this work content.         Employees to be hired through this recruitment may apply for external competitit research fundings such as Grant-in-Aid for Scientific Research (KARENH) 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 liposome (artificial cells) and their characterization using fluorescence microscopy and other techniques.         • The candidate should have knowledge and experience in biochemical experiments such as protein expression and purification.         Applicants with knowledge and experience in biophysical analytical approaches (analysis of liquid-liquid phase separation, molecular dynami simulations of biological membranes, etc.) are preferred.         Recruiting (Number of people)       1         Contract period       hiring date ~ March 31.2025 N.B. Contract could be renewed.         The employment period in case of fully       Y484,000 ~ ¥516,000/month         Salary (basic salary)       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 und a revision to the government employees' wages.         Work Place       Advanced ICT Research Institute (Iwaoka, Nishi-ku, Kobe-shi, Hyogo)		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
research fundings such as Grant-in-Aid for Scientific Research (KAKENHI) and NICT's internal research fundings.         Applicants should have a PhD in basic science or engineering, and a strong interest in the biological ICT such as autonomous telecommunications system.         Application requirement       • The candidate should be proficient in preparation of cell-sized liposome (artificial cells) and their characterization using fluorescence microscopy and other techniques.         • The candidate should have knowledge and experience in biochemical experiments such as protein expression and purification.         Applicants with knowledge and experience in biophysical analytical approaches (analysis of liquid-liquid phase separation, molecular dynami simulations of biological membranes, etc.) are preferred.         Recruiting (Number of people)       1         Contract period in case of fully       Up to 5 years if certain conditions are fulfilled         renewing       Y484,000 ~ ¥516,000/month         Salary (basic salary)       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 changed after labor union and the like of NICT agreed und a revision to the government employees' wages.         Work Place       Advanced ICT Research Institute (Iwaoka, Nishi-ku, Kobe-shi, Hyogo)		
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Contract period       N.B. Contract could be renewed.         The employment period       Up to 5 years if certain conditions are fulfilled         in case of fully       Up to 5 years if certain conditions are fulfilled         Salary       ¥484,000 ~ ¥516,000/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 und a revision to the government employees' wages.         Work Place       Advanced ICT Research Institute (Iwaoka, Nishi-ku, Kobe-shi, Hyogo)		1
in case of fully       Up to 5 years if certain conditions are fulfilled         renewing       ¥484,000 ~ ¥516,000/month         Salary       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 und a revision to the government employees' wages.         Work Place       Advanced ICT Research Institute (Iwaoka, Nishi-ku, Kobe-shi, Hyogo)	Contract period	
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Work Place (Iwaoka, Nishi-ku, Kobe-shi, Hyogo)		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
Working frequency 5days/week (7.5hours/day)	Work Place	
	Working frequency	5days/week (7.5hours/day)

Department name and work place including work contents (research theme) and detail of work contents might change according to organizational change, etc. Scope of change in work and workplace : No changes are expected in general.