

Graduate School of Medicine, Graduate course Human Health Sciences, Department of Artificial Intelligence in Healthcare and Medicine Molecular Biology Research Post-Doctoral Researcher (Specific Researcher) Fixed Term

16 July 2021

Occupation	Post-Doctoral Researcher (Specific Researcher) Fixed Term
Recruitment personnel	1 person
Work place	Kyoto University Graduate School of Medicine, 1. Department of Molecular Biosciences 2. Department of Cell Growth and Differentiation (CiRA) 3. Department of Artificial Intelligence in Healthcare and Medicine (Location: Yoshidakonoecho or Shogoin Kawara-cho, Sakyo-ku, Kyoto)
Job description	RNF213 encodes a huge protein with ATPase and ubiquitin ligase activities, and it was identified as the main susceptibility gene for the intractable, occlusive vascular condition known as moyamoya disease (MMD). Most recently, RNF213 has also been identified as a risk factor for stroke, coronary heart disease and pulmonary hypertension. In order to provide effective therapeutic treatments in the near future, we need a clear understanding of the functions of RNF213 and its effects on these vasculopathies. Therefore, the appointed researcher will investigate the molecular functions of RNF213 and its effects on various downstream signaling networks that may result in the physiological changes that lead to vascular occlusion and, using developed MMD patient-derived iPS cells and gene-edited lines, establish organoid disease models that will further clarify the pathophysiology of these vascular diseases.
Qualifications, etc.	Those who have (or who are expected to shortly complete) a doctoral degree in a relevant area of molecular and/or cellular biology and who are interested in working in a multi-disciplinary team.
Scheduled hiring time	As soon as possible after November 1, 2021 (negotiable)
Term	November 1, 2021 (negotiable) to March 31, 2022 (Employment may be renewed at the end of the term. Up to the end of the project [31 March 2024])
Trial period	Yes (6 months)
Work style	Professional work type discretionary labor system (Equivalent to 7 hours 45 minutes per day, 38 hours 45 minutes per week; working hours: 8:30 to 17:15, with 1 hour break)

	Holidays: Saturdays and Sundays, national holidays, year-end and New Year holidays, founding anniversaries and summer holidays
Salary, allowance, etc.	Based on the university's payment standards, and depending on ability and background (annual salary system). Other allowances, such as bonuses, retirement allowances, etc. will not be provided.
Social insurance	Joined Ministry of Education, Culture, Sports, Science and Technology Mutual Aid Association, Welfare Pension, Employment Insurance and Workers' Accident Compensation Insurance
Application method	<p>Please mail the following documents (1) to (5) in an envelope marked in red "Post-doctoral Researcher for Molecular Biosciences". You may also send the files as a PDF by email, but please also send the originals by post.</p> <p>(1) Resume (attach a photo, include email address)</p> <p>(2) List of research achievements (free format)</p> <p>(3) Outline of research so far (A4, about 1 sheet), future aspirations (A4, about 1 sheet)</p> <p>(4) Name and contact information of two academic referees</p> <p>(5) Declaration form (provided in the following link)</p> <p>http://www.med.kyoto-u.ac.jp/researcher/koubo/oubo-syorui-yoshiki/</p>
Open call deadline	September 2, 2021, or until the right person is decided.
Selection method	After screening the relevant application documents, an interview may be held. Details about the interview will be provided at a later date
Contact	<p>Shogoin Kawahara-cho 54, Sakyo-ku, Kyoto-shi, Kyoto-fu, 606-8507, Japan</p> <p>Department of Artificial Intelligence in Healthcare and Medicine</p> <p>Phone: +81-(0)75-751-3459, FAX : +81(0)75-752-9501</p> <p>(Phone number: Department of Neurosurgery)</p> <p>Yohei Mineharu, M.D., Ph.D.</p> <p>E-mail: mineharu[at]kuhp.kyoto-u.ac.jp (please replace [at] with @)</p>
Other	<p>We cannot answer questions about the selection process, or the reasons for acceptance or rejection. The submitted documents will be used only for recruitment screening. We will not disclose, transfer or lend these data to a third party without a justifiable reason. Please note that application documents will not be returned.</p> <p>Kyoto University prohibits on-campus smoking except in designated outdoor spaces so as to minimize secondhand smoke exposure</p>