



Okinawa Institute of Science and Technology
Postdoctoral Scholar Position Available/Cell Division Dynamics Unit

The Okinawa Institute of Science and Technology Graduate University (OIST; see www.oist.jp) is a dynamic new graduate university of science and technology in Okinawa Prefecture, Japan. The university is located on 85 hectares of protected forestland overlooking beautiful shoreline and coral reefs. The campus is striking architecturally, and the facilities are outstanding ([OIST campus video tour](#)). There are no academic departments, which facilitates multidisciplinary research. Outstanding resources and equipment are provided and managed to encourage easy access and collaboration. English is the official language of the University, and the university research community is fully international, with more than 50 countries represented. OIST is rapidly gaining recognition in the worldwide academic community as a model for excellence in education and research.

Unit and Position Summary:

The Cell Division Dynamics Unit (PI: Tomomi Kiyomitsu) is a new research unit which launched in April 2020. Our unit aims to understand the basic mechanisms of cell division using cultured human cell lines and early embryos of Medaka fish: <https://groups.oist.jp/cddu>.

We seek a highly motivated postdoc who will advance our unit research by combining cell biology with other high-end technologies including in vitro biochemical reconstitution, structural biology, and Cryo EM/ET.

Working Location:

1919-1 Tancha, Onna-son, Okinawa, Japan 904-0495

Responsibilities:

1. Perform research to understand the mechanisms of bipolar spindle assembly and positioning in cultured human cells and/or early Medaka embryos.
2. Publish the results in high-quality journals.
3. (According to the situations and abilities) supervise graduate students.

[Reference]

Tsuchiya et al., *Current Biology* (2021)
Okumura et al., *eLife* (2018)
Natsume et al., *Cell Reports* (2016)
Kiyomitsu and Cheeseman, *Cell* (2013)
Kiyomitsu and Cheeseman, *Nature Cell Biology* (2012)



[Review]

Kiyomitsu and Boerner, *Frontiers in Cell and Developmental Biology* (2021)

Kiyomitsu, *Current Opinion in Cell Biology* (2019)

Qualifications:

(Required)

Ph.D. (imminent or awarded within the last 5 years)

(Preferred)

1. Experience of biological imaging using confocal microscopy
2. Experience of structural biology research using electron microscopy or Cryo-EM/ET
3. Experience of biochemical in vitro reconstitution
4. Experience of developmental biology research using Medaka or other fish
5. Experience of interdisciplinary research using other high-end technologies

Report To:

Professor Tomomi Kiyomitsu/Cell Division Dynamics Unit

recruiting-cddu[at]oist.jp

Starting Date:

April 1st, 2022, or as soon as possible thereafter (negotiable)

Term & Working Hours:

Term: Full-time, fixed term appointment for 1 year. Contract begins with a 3-month probationary period (inclusive). This contract can be renewed upon mutual agreement

Working hours: 9:00-17:30 (discretionary)

Compensation & Benefits:

Compensation in accordance with the OIST Employee Compensation Regulations

Benefits:

- Relocation, housing and commuting allowances
- Annual paid leave and summer holidays
- Health insurance (Private School Mutual Aid <http://www.shigakukyosai.jp/>)
- Welfare pension insurance (kousei-nenkin)
- Worker's accident compensation insurance (roudousha-saigai-hoshou-hoken)



How to Apply:

Apply by uploading your submission documents [HERE](#)*

*This is a secure file uploading system for handling confidential materials.

Successful applicants will be selected after an initial screening process based on the submission documents followed by an in-person or web interview.

Submission Documents:

Please submit the following documents in English or Japanese (either language is equally accepted)

- Curriculum vitae
- List of publications and presentations
- A brief summary of your previous researches and motivation for this research position
- Names and contact information of 2 referees, one of which should be a PhD supervisor

Application Due Date:

Open until filled. Applications will be reviewed upon arrival from February 1st onwards.

Declaration:

- * Prior to the start of employment all new hires are required to successfully complete a background check. Personal information including employment history and academic background should be submitted to third-party administrators after a conditional offer of employment.
- * OIST Graduate University is an equal opportunity, affirmative action educator and employer and is committed to increasing the diversity of its faculty, students and staff. The University strongly encourages women and minority candidates to apply.
- * Information provided by applicants or references will be kept confidential, documents will not be returned. All applicants will be notified regarding the status of their applications.
- * Please view our policy for rules on external professional activities (<https://groups.oist.jp/acd/information-disclosure/>).
- * Further details about the University can be viewed on our website (www.oist.jp).