**Okinawa Institute of Science and Technology**
**Bioinformatician**

The Okinawa Institute of Science and Technology Graduate University (OIST) aims to become a model for change in education and research with the best international graduate students, working side by side with world-class faculty in modern well-equipped laboratories. OIST has invested heavily into DNA sequencing technology, and has a well-run section with 5 technical staffs from Japan and around the world supporting the research operations across the university (DNA Sequencing Section). It houses 5 kinds of next-generation sequencers (Illumina, Roche, and Life Technologies), and has powerful computational clusters for data processing (192 nodes; Intel Xeon E5649 CPU; 48GB memory, 400TB storage) as well as large (1TB) memory computers. The DNA sequencing section has been the driving force for several recent genome projects in OIST, including the species from bacteria to higher eukaryotes such as recently-reported coral and pearl oyster genomes. Besides de novo sequencing, the section offers OIST researchers various next-generation sequencing services including re-sequencing (mutant analysis), RNA sequencing, and ChIP sequencing. The section continues to expand its capacity and role within the university. Currently, the DNA sequencing section is seeking a bioinformatician to complement its sequencing services.

**Position:**
Bioinformatician
DNA Sequencing Section

**Working Location:**
Onna-son, Okinawa, Japan

**Responsibilities:**
1. Install and maintain computational tools, and data management for genome analysis. Keeping up with the literature, and trying out new tools as they emerge. On the cluster computers, collaborative works with Scientific Computing Section are required.
2. Development of analytical tools and pipelines for processing sequencing data upon requests.
3. Consultation and training of researchers on genome analysis.
4. Analysis of sequencing data on specific projects according to researchers' needs.

**Qualifications:**
**(Required)**

1. Experience in a range of tools for genome analysis including but not limited to de novo assembly, re-sequencing analysis, RNA-seq, and ChIP-seq.
2. Knowledge of the "state of the art" in computational tools used for various bioinformatic tasks: A familiarity with at least one programming language and the experience working with high performance computing are strongly advantageous.
3. Highly motivated in work.
4. Ability to work harmoniously in a team, and to maintain smooth communications with other section members.
5. Strong verbal and written communication skills in English (Business level of English).

**(Preferred)**
1. Experience and knowledge of experimental molecular and genomic biology.
2. Bachelor degree or higher in science, or graduation from technical college.

**<u>Term</u>:**
Full-time, fixed term appointment for 2 years contract initially with 3 month probationary period. This contract may be renewed

**<u>Compensation</u>:**
In accordance with the OIST Employee Compensation Regulation

**<u>Benefits</u>:**
Annual paid leave, summer holidays, Private School Mutual Aid, commuting allowances and relocation allowances.

**<u>Submission Documents</u>:**
Curriculum vitae in both English and Japanese
All applicants should provide information addressing the selection criteria mentioned in 'Qualifications' section.

**<u>Starting Date</u>:**
As early as possible

**<u>Application Due Date</u>:**
Applications deadline will continue until the position is filled.

**<u>Application Address</u>:**
Please submit all required application materials by email to:
recruiting#oist.jp

(Please replace # with @ before using this email address)

Or send documents via post mail to:

Recruiting Team, Human Resources Section

Okinawa Institute of Science and Technology Graduate University

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