

Application for the position of Post Doctoral Fellow in Genomics at TTCRC (Tata Medical Center)

Last date of Application: 29/02/2020

TTCRC

The Tata Medical Center (TMC) is a not-for-profit dedicated cancer hospital based in the New Town development in Kolkata. Currently it has 150 beds, but will expand to over 450 beds by 2018. It is one of its kind in eastern India. The Tata Translational Cancer Research Centre (TTCRC) is a research institute set up within TMC. TTCRC is creating a stimulating environment where clinicians, scientists and industry can work together to develop indigenous solutions for patients with cancer in India. As a new institute, the structure offers the unique opportunity for talented individuals to become leaders in the field of translational medicine within a relatively short span of time. TTCRC has state of art laboratories within the hospital premises with access to a dedicated biorepository.

The Post

The post holder is required to have experience on high throughput genomics techniques like Whole Genome/ Targeted Sequencing and RNA-Sequencing to develop a pipeline of practical use in the clinic using state of the art Next-Generation Sequencing platform such Next-Seq 550. The candidate should also be able to manage instruments like Genetic Analyser 3500, QuantStudio 7 real-time machine and Agilent Tape-Station. We expect the candidate to be enthusiastic and motivated in developing new assays and research methodologies for clinical relevance. The candidate is required to customise existing application to meet scientific project needs. The person will be required to train technicians for hands-on experiments. A ability to analyse the information derived will be of advantage, though bioinformatics support is available. Experience in molecular and cellular biology is desirable.

Team Work and Supervision

The post holder will work within a team that includes both scientists and clinicians. Parallel appointments are being made in genomics, proteomics and cell biology fields and we expect him/her to work closely with these individuals. TTCRC works on a modular system with each focus group working independently. Team leaders will be appointed once the structure is place, but the post holder will report to the Director in the interim period.

What are we looking for?

An energetic, self-motivated and enthusiastic individual capable of managing high-throughput genomics workflow at TTCRC for developing a pipeline for advanced patient care. An excellent team player capable of working at the interface of biologists and clinicians.

A vision for the future and a commitment to building are source that will benefit patients with cancer in India

Job related knowledge/ aptitude, skills etc.	Requirements	Essential/ desirable	How identified
1. Disposition/ Attitude	a. Flexible b. Self-motivated c. Hardworking d. Willing to learn new skills e. Work as part of a team	a. Essential b. Essential c. Essential d. Essential e. Essential	Application form CV Profile Interview References
2. Education/ Qualifications	a. A PhD in a relevant discipline (e.g. Molecular biology/ Biochemistry/ Biotechnology/ Human Genetics/Genetics/Zoology/ Life Sciences or related discipline)	a. Essential	Certificates Application form CV
3. Experience	Experience in research a. High throughput analyses b. Molecular Biology c. Experience with molecular and/or cell biology d. Training others in process flows e. Ability to analyse informatics data	a. Essential b. Essential c. Desirable d. Essential e. Essential	Application form CV, Publications Interview References
4. Special Knowledge and Ability	a. Ability to work independently within an agreed framework b. Willingness to learn new experimental techniques c. Ability to organise and prioritise own work d. Good communication skills e. Ability to maintain good laboratory records f. Writing Grant and manuscript	a. Essential b. Essential c. Essential d. Essential e. Essential f. Desirable	Application form CV Interview References

Initial enquiries about the post may be directed to Dr Debdutta Ganguli.

Email: debdutta.ganguli@tmckolkata.com

You may apply on line or email or post your application by 29th February 2020.

Mr Suvasish Mukherjee, Head Human Resource, Tata Medical Center, 14 MAR (EW), New Town, Rajarhat, Kolkata - 700160

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