



Vacancy Notice

Post-doctoral position (RA-I) Position in Ion channel Structural Biology and Drug Discovery

One Research Associate (RA-I) position is available in the **Membrane Protein Biology Group, ICGEB**, New Delhi component in a DBT sponsored project to work on “Three-dimensional structure determination of mammalian ion-channel and structure-based inhibitor discovery for cancer therapy”.

Fellowship and duration: 47000 + 24 % HRA =58,280.00 Rs /month. The project is funded for 2 years. The position is available for the first six months and will be extended based on the performance.

Qualifications: PhD in Biological Sciences. Only Indian nationals can apply for this position.

Experience: Candidates must have experience in molecular biology, transfection, protein overexpression in insect or mammalian cells. Additional experience in screening for inhibitor using cancer cell lines, protein purification, crystallization, structure determination and target structure-based drug design is preferred but not mandatory.

Job description: Cloning, ion channel overexpression in mammalian cell line, detergent screening using F-SEC, large scale protein purification and sample preparation for cryo-EM and crystallization using LCP, X-ray and cryo-EM data collection, structure determination and structure-based small molecule drug design using Schrodinger suite, inhibitor screening using various cancer cell lines. Proven manuscript/grant writing skill(s) is most desirable.

How to apply: Interested candidates should submit their application online using this google form: <https://forms.gle/FwNzDczNqT4YEnw39>
(or) mail to: samslab.icgeb@gmail.com

Those who mail their application should send CV (less than 3 pages), Cover letter (less than a page) and a project proposal on "Structure determination of a potential mammalian ion channel drug target" of your choice (less than 3 pages).

Last date to Apply: 4 August 2019.

Interview: 9 August 2019

Queries can be addressed to: samslab.icgeb@gmail.com