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Closing Date: July 10, 2015

Advertisement for Post-Doctoral Fellows

University of Mumbai-Department of Atomic Energy Centre for Excellence in Basic Sciences (UM-DAE CBS) has been established on the Kalina campus of the University of Mumbai to impart high quality education in the Basic Sciences after the 10+2 (or equivalent) level of schooling, in a vibrant academic ambiance by a faculty of distinguished teachers and scientists.

Applications are invited for the following Postdoctoral positions:

1. **Post doctoral Fellow in the field of Cancer Epigenetics** to work under the guidance of Dr. Subhojit Sen (<http://cbs.ac.in/people/visiting-scientists/subhojit-sen>) with special focus on studying *Molecular Epigenetics and drug discovery in Chlamydomonas and Mammalian systems*.

Candidate will develop *C. reinhardtii* as a model system to study epigenetic mechanisms that are related to cancer in mammalian systems and its connection with Cancer Stem Cells, and shuttle back and forth between the two systems to discover new drugs. This will further our basic understanding of epigenetic mechanisms and help develop new approaches to treatment.

Essential qualifications: Candidates with a PhD in related branches of Life Sciences/Microbiology/Biotechnology/Plant sciences, with relevant experience in molecular techniques involving DNA, RNA, and proteins are encouraged to apply.

Experience: Candidates with genomics expertise and/or Mammalian stem cell biology (and cell culture) or epigenetics experience will be given preference.

2. **Postdoctoral Fellow in cancer Biology to work** under the guidance of Dr. Manu Lopus on the project titled: *“Understanding the molecular mechanisms of cancer metastasis and development of potent antimetastatic agents”*.

Essential qualifications: A Ph.D. in any branch of Life Sciences/Pharmacology with at least one first-author paper and one co-author paper (or two first-author papers) in peer-reviewed scientific journals.

Experience: Experience in animal cell culture, immunofluorescence imaging, Western-blot, FACS, and other cellular and biochemical techniques is desirable. Preference will be given to candidates having demonstrated experience in cancer cell biology and experimental therapeutics

Tenure: The positions are offered on an annually renewable basis, and are tenable up to three years.

Emoluments: Commensurate with post-Ph.D. research experience of the candidate, in the range of Rs. 21,000.00 – 24,000.00 (+ HRA).

Applications in the prescribed format (available at <http://cbs.ac.in/pdf/recruitment/job-app-form.pdf>) along with attested copies of certificates / testimonials and a one-page summary of their PhD work may be sent at the address given below so as to reach on or before **July 10, 2015**.

Registrar, UM-DAE Centre for Excellence in Basic Sciences, 1st Floor, Health Centre Building, University of Mumbai, Kalina Campus, Vidyanagari, Santacruz (East), Mumbai 400098.

Candidates applying for both the positions should submit separate applications. The envelope should be super scribed the position applied for.

Applications should also be emailed to subhojit.sen@cbs.ac.in / manu.lopus@cbs.ac.in and registrar@cbs.ac.in



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