We invite applications for the position of Research Associate/Post Doctoral Fellow from bright organic chemists who want to explore their interest and gain expertise in the field of Chemical Biology/Nanobiotechnology focusing in the area of gene expression in human diseases. The project is funded by the Department of Biotechnology, Government of India and titled: 'Nanoparticles: targeting protein lysine acetylation in oral cancer and neurodegenerative disorders using nanomaterial'.

**Qualifications:** M.Sc., Chemistry (preferably organic chemistry), Ph.D. with organic chemistry specialization. Candidate should have consistent first class academic qualifications and must have a good academic record with publications in reputed international journals.

**Preference:** The candidate should be able to isolate natural compounds, derivatize and synthesize these compounds based on the *in silico* approach. Prior experience of handling nanomaterials will be an added advantage.

Candidates may peruse the following references for better insight into the work they will undertake in our laboratory.


**Patents:**

1. Title of the Invention: Modulators (Inhibitors/Activators) of Histone Acetyltransferases.
   Inventors: Kundu, T. K., Balasubramanyam, K. and Swaminathan, V.

2. Title of the Invention: Polyhydroxy Derivatives of [2,3,7,8-Tetrahydroxyl(1) Benzopyran (5, 4, 3 (DE) (1) Benzopyran 5,10-Dione] as a Novel, Specific Inhibitors of Histone Methyltransferase (Hmtase) and its Uses Thereof
   Inventors: Kundu, T. K., Selvi, B. R., Kishore, A. H. and Mantelingu, K.
   US Patent No. 7875741, Granted on 25/01/2011

**Emoluments:** As per JNCASR norms.

Interested candidates may submit their complete bio-data and duly attested copies of certificates to:

**Prof. Tapas K. Kundu**, Ph.D.
Transcription and Disease Laboratory,
Molecular Biology and Genetics Unit,
Jawaharlal Nehru Centre for Advanced Scientific Research,
Jakkur Post, Jakkur, Bangalore 560 064, e-mail: tapas@jncasr.ac.in

**Last date:** The application should reach us within 15 days from the date of publication of this advertisement. Selection will be purely based on qualifications, experience and performance in the interview.