DEPARTMENT OF BIOCHEMISTRY

OSMANIA UNIVERSITY
HYDERABAD 500 007

Applications on plain paper with details of educational qualifications and experience are invited for the following position under the Indo-French Center for the Promotion of Advanced Research (IFCPAR) collaborative research project entitled '**Characterization of metal responsive genes from bacteria**'. The position is purely temporary and for an initial period of one year and extendable up to three years or till completion of the project whichever is earlier.

Category	No. of posts	Fellowship (Rs p.m.)	Qualification
Senior Research Fellow (SRF)	1	Rs 12,000 + HRA as applicable	M.Sc. in Biochemistry/Microbiology/ Biotech. NET/GATE qualified with 2 years of research experience in relevant field.

Applications should reach **Prof. P. Maruthi Mohan,** Principle Investigator, Indo-French Project, Department of Biochemistry, Osmania University, Hyderabad 500 007, by **15 October 2007**. The application should be accompanied by a DD of Rs 10 drawn in favour of **Registrar, Osmania University, Hyderabad**. No TA/DA will be paid to candidates.

Job details

Job# IFC/A/3603-2/2007/1767 added on 09/01/07

Job Information

Post-doctoral position in France

Project starting date: 2007–01–09

Application deadline: 2007–21–09

Duration: 12 months renewable

Institution: INSERM institut National de la Recherche Médicale, U422, Lille, France

Vincent PREVOT, Institut National de la Recherche Médicale, U422, Lille, France

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Job Description

Juxtacrine and/or paracrine control of brain plasticity

GnRH is a neuropeptide essential for mammalian sexual development, acquisition of reproductive capacity at puberty and adult reproductive function. We aim to unveil the mechanism(s) of glial–neuronal–endothelial interactions in the median eminence, the projection field of GnRH neurons, to modulate the access of the GnRH nerve terminals to the pericapillary space during the estrous cycle. Juxtacrine (PSA-NCAM) and/or paracrine (erbB signalling) communication processes may play a major role in the integration of the great diversity of stimuli that astrocytes, tanycytes and GnRH axons receive under varying physiological situations during reproductive cycle within the median eminence of the hypothalamus.