



अहमदाबाद
AHMEDABAD

National Institute of Pharmaceutical Education and Research- Ahmedabad
(Department of Pharmaceuticals, Ministry of Chemicals and Fertilizers, Govt. of India)
Palaj, Opposite Air Force Station, Gandhinagar-382355, Gujarat, India

Advt. No: NIPER-A/JRF/2019/08

Date: 31-03-2019

RECRUITMENT OF JRF IN DST-SERBPROJECT

Applications are invited from eligible candidates for temporary **Junior Research Fellow (JRF)** position a project funded by Department of Science and Technology (DST) –Science and Engineering Research Board (SERB). The position is temporary and the offer will be initially for a period of **ONE Year** that can be extended further based on the performance and will be co terminus with the project. If the candidate also fulfils the institute criteria, admission in Ph. D through NIPER entrance may be considered. The requisite qualification & experience etc. for the project is given below.

Position 1	JRF (one post only)
Project Title	Aptamer targeted dendronized polymeric nanoparticles to deliver Anti-miRNA for treatment of Triple Negative Breast Cancer
Principle Investigator (PI)	Dr Rakesh K. Tekade Email: rakeshtekade@niperahm.ac.in
Qualification	Essential Qualification: M.S. (Pharm.) (Pharmaceutics/Biotechnology/ Pharmacology); M.Pharm. (Pharmaceutics/Formulations); M.Tech. (Pharm.) (Biotechnology); M.Tech. (Biomedical Engineering/Biotechnology/Chemical Engineering). Essential experience: Work experience in Handling cancer cell lines, Western blot analysis, Gel electrophoresis, SDS-PAGE, qRT-PCR, siRNA/miRNA transfection Desirable experience: Flow cytometry, Confocal microscopy, Aptamer. NOTE: NET/GATE/GPAT qualified candidates will be given preference.
Job Profile	The selected candidate will work on project objectives not limited to: 1. Polymer bioconjugation 2. Formulation development and characterization of siRNA/microRNAloaded polymeric nanoparticles 3. Evaluation of cellular binding, endosomal escape tendency 4. Stability, Cytotoxicity assay and transfection studies 5. Evaluation of gene silencing and anticancer activity 6. Evaluation of Pharmacodynamics, Organ toxicity
Fellowship	Rs. 25,000+20% HRA per month

Interested candidates should send their applications strictly in the attached application format via email to **Registrar, NIPER-A** (registrar@niperahm.ac.in) with a copy to PI at **Email: Dr. Rakesh K. Tekade** (rakeshtekade@niperahm.ac.in). Please write "**Application for JRF-RT2**" in the subject line of the email. The shortlisted candidates will be intimated by email.

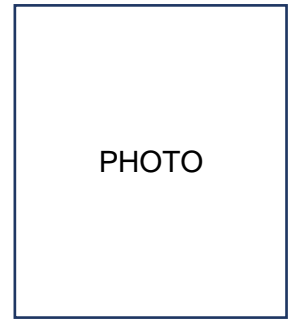
Application Instructions:

- Original certificates and self-attested copies of all certificates need to be presented before the interview for verification.
- No TA/DA will be paid for attending the interview.
- Canvassing in any form will lead to disqualification of candidature.
- Application should be strictly according to the attached format.
- **Application Deadline is 20th April, 2019**
- Tentative date of interview: **26th April 2019.**

Director

APPLICATION FOR JRF (Project) POSITION

1. Full Name:
2. Date of Birth:
3. Sex M/F:
4. Marital Status:
5. Nationality:
6. Physically handicapped: Y/N
7. Father's Name:
8. Address of Correspondence:
 - a. Phone No.:
 - b. Mobile No.:
 - c. E-mail Address:



9. Academic Record:
 - a. GATE/CSIR/UGC National Exam Qualification details with Percent marks/Rank, year of qualifying etc.
 - b. Qualifying Degree:

Examination (with Specialization)	Name of School, College, University/Institute, with city and state name	Year of passing	Subjects	Percentage of marks/GPA obtained	Distinction/Divison

- c. Details of the project carried out with duration, place of work, area worked on, mentor/guide's name, description of the project and contribution to the project
 - d. Attach list of publications (National and International separate) **with a clear mention of 2018 impact factor**
 - e. Reprint of selected Publications (**Only Research Manuscript**)
 - f. List of Cell Culture Techniques that you can **perform independently**
 - g. List of instruments **handled independently**
 - h. Working experience (in chronological order):
 - i. Whether currently employed: Y/N
 - j. Time required to join this position
 - k. Description of 5 year plan and future career objectives
10. Names and addresses of three referees along with phone number and e-mail address.

Declaration

I hereby declare that I have carefully read and understood the instructions and particulars on this application and that all entries in this form as well as in the attached sheets are true to the best of my knowledge and belief.

Date:
Place:

Signature