

CALL FOR JUNIOR RESEARCH FELLOW FOR DST AND DBT SPONSORED PROJECTS

Date: 02/08/2019

Applications are invited from suitable candidates for **Junior/Senior Research Fellow (JRF/SRF)** to work on the following projects at Department of Pharmacy, BITS-Pilani, Pilani Campus, Rajasthan.

Project 1

Title of the project: Peptide-decorated pH-sensitive nano-conjugate hybrid micelles for co-delivery of temozolamide and an autophagy inducer, rapamycin, for treatment of glioblastoma multiforme.

Sponsored by: DBT-Nanobiotechnology

Duration of the project: Till December 2020

Project position and number: JRF/01

Fellowship amount: 25,000 pm

Eligibility requirements: M. Pharm/ M.S. (Pharm.) in Pharmaceutics/Pharmacology/Biotechnology with GATE/GPAT/CSIR-NET or equivalent examination will be preferred.

Principal Investigator: Dr. Deepak Chitkara (email: deepak.chitkara@pilani.bits-pilani.ac.in)

Project 2

Title of the project: Actively targeted nano-formulations for co-delivery of a taxane and antioxidant molecule, alpha lipoic acid, for treating breast cancer.

Sponsored by: DST-Rajasthan

Duration of the project: Till January 2021

Project position and number: JRF/01

Fellowship amount: 11,400 pm

Eligibility requirements: M. Pharm/ M.S. (Pharm.) in Pharmaceutics/Pharmacology/Biotechnology with GATE/GPAT/CSIR-NET or equivalent examination will be preferred.

Principal Investigator: Dr. Deepak Chitkara (email: deepak.chitkara@pilani.bits-pilani.ac.in)

Project 3

Title of the project: Umbilical cord mesenchymal stem cells derived exosomes as biogenic nanocarriers of miRNA and chemotherapeutic drug for reversal of chemoresistance in breast cancer.

Sponsored by: DST-Nanomission

Duration of the project: Till March 2021

Project position and number: JRF/01

Fellowship amount: 25,000 pm

Eligibility requirements: M. Pharm/ M.S. (Pharm.) in Pharmaceutics/Pharmacology/Biotechnology with GATE/GPAT/CSIR-NET or equivalent examination will be preferred.

Principal Investigator: Dr. Anupama Mittal (email: anupama.mittal@pilani.bits-pilani.ac.in)

Interested candidates with the above mentioned qualification can send their applications giving detailed information about the educational qualifications, research experience and published research papers if any, by **12/08/2019**, to the Principal Investigator via email. Please note that only qualified and suitable candidates will be called for interview to be held at BITS-Pilani, Pilani Campus in the 3rd week of August, 2019 and no TA/DA will be paid for the interview. Selected candidate may be permitted to register for Ph.D programme of BITS, Pilani, subject to the fulfillment of the requirements.

Dr. Deepak Chitkara
Assistant Professor, Department of Pharmacy

Dr. Anupama Mittal
Assistant Professor, Department of Pharmacy

