

Job Description- Research Assistant Professor (Molecular pharmacology)

The Division of Medical Research at SRM Medical Collage Hospital and Research Center is looking for bright and enterprising Assistant Professors, with good interpersonal skills, in the field of Molecular Pharmacology.

Requirements:

- Candidates must have an MD or PhD degree with post-doctoral experience in the interdisciplinary field of Biomedical Sciences or other relevant field.
- Extensive skill, knowledge, and experience in the field of molecular pharmacology.
- Good oral and written communication skills
- Strong organizational, analytical and reasoning skills
- Ability to work well and flexibly i.e. autonomously, in small teams, and with a wide range of varying stakeholders
- Ability to see the big picture, whilst still maintaining a focus on detail and implementation. Strong leadership and mentoring skills

The main responsibility of the research Assistant Professor will be to increase the research output of SRM Medical Health Sciences (MHS). They will also help SRM Institute of Science and Technology build successful industrial collaborations that will cater to translational research with community outreach.

Following are the key **roles and responsibilities** of the Assistant Professor:

1. To collect, manage, and study biological, biochemical and molecular data
2. To conduct innovative molecular pharmacology studies to determine the impact of novel metabolites on the inhibition of innate immune targets while developing drugs for diseases.
3. To work with and mentor students and staff in biochemistry, molecular pharmacology, and disease biology.
4. To determine the role of novel metabolites, identify effector proteins, and characterize enzyme reaction mechanisms using cutting edge industry technology and resources.
5. To identify areas of key need across clinical development and champion creative solutions to address those needs.
6. To undertake bench-to-bedside research, education and training, and clinical practice that improves the health and well-being of patients and the public.
7. To apply for Institutional Grants to nodal agencies of Government of India.
8. To contribute in the development of research protocols and budgets.
9. The candidate should take up administrative responsibilities, including but not limited to, setting up laboratories, handling vendors, managing inventories and coordinating with other departments to improve the University's research output.
10. To communicate research results through conference presentations, scientific publications, or project reports.
11. To manage multiple projects at once
12. To instruct and help others in techniques commonly used in the field of molecular pharmacology.
13. To keep abreast of new developments in the field by reading scientific literature and attending professional conferences.