

CENTRE FOR BIOINFORMATICS
PONDICHERRY UNIVERSITY
PUDUCHERRY

July 07, 2017

CIRCULAR

Invited talk

on

“Designed peptide based biomolecules for therapy”

Dr. Rituparna Sinha Roy, Department of Biological Sciences, IISER Kolkata will give a invited talk on the above mentioned topic at Centre for Bioinformatics, Pondicherry University to the Faculty, Research Scholars and Students. The abstract of her talk is given below

Date : July 12th, 2017.

Time : 3:30 P.M. to 4:30 P.M.

Venue : Seminar Hall, Center for Bioinformatics

Abstract: Engineering peptide based biomolecules with tailored functionality can be harnessed as new tools to develop next generation therapeutics. The key research focus of our laboratory is to engineer nature inspired peptide based therapeutic molecules having better proteolytic stability and modulate their structural and functional properties for clinical applications. In addition, by nanobiotechnology approach, we formulate therapeutic molecules for translating basic research into clinical applications. Potential applications range from improved peptides that facilitate efficient intracellular delivery of siRNA and fibrin-inspired peptide based sealants that facilitate faster blood clotting compared to natural fibrin.

Research Area: Nanomedicine, drug delivery, biomimetic chemistry, chemical biology, supramolecular chemistry, applied biomaterials and cancer biology


7/7/17

Dr. S. Mohane Coumar

Seminar coordinator

Dr. S. MOHANE COUMAR

Assistant Professor

Centre for Bioinformatics

School of Life Sciences

Pondicherry University

Pondicherry - 605 014.



Dr. H. Surya Prakash Rao

Centre Head (i/c)

Prof. H. Surya Prakash Rao,
Centre Head (i/c)
Centre for Bioinformatics,
School of Life Sciences,
Pondicherry University, Puducherry-14.

Copy to

1. The Systems Manager, Pondicherry University for display in the university web-site
2. The Dean, SLS & SOPCAS
3. HODs of Departments of Bio-Technology, Biochemistry and Molecular Biology, Ecology and Environmental Sciences, Food Science and Nutrition, Microbiology, Chemistry, Physics, Center for Nanoscience and Technology