

Dr. Saima Kalsoom

Assistant Professor,
SA-CIRBS, IIUI

**Area of Research**

Computational Medicinal/ Organic Chemistry

Dr. Saima kalsoom has joined SA-CIRBS, IIU as an Assistant Professor in November, 2017. She did her PhD from Department of Chemistry, Quaid-i-Azam University, Islamabad. Her PhD work was based on “Computer guided design, synthesis and bio evaluation of immunomodulating agents”. During her PhD research work, she has published 30 international papers in reputable journals and has presented her work in a number of international and national conferences. In 2010, she has joined the Prof. Stefano Moro group in University of Padova, Italy for computer guided drug designing.

Dr. Saima currently research interest includes Designing of new bio-active molecules using Computer guided modelling techniques, Modelling of small organic molecules, Proteins Protein and Protein-ligand interactions, Ligand based and structure based pharmacophore designing, Computational chemistry, Virtual screening, Organic synthesis of small drug like candidates. She has established a research group for drug designing and development. A lot of free and licensed software are available for designing of bio active molecules in her lab.

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