

Biodata

Name: Dr. Priya Rani

Designation: Scientist-B

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Academic Qualifications:

Degrees	Subjects	Institute and University	Academic Year	Achievements
PhD	Molecular Medicine	Jawaharlal Nehru University, New Delhi.	2018	
MSc	Biotechnology	Guru Ghasidas University, Bilaspur Chhattisgarh.	2008	

Specialization/ Areas of Interest: Molecular biology, CRISPR/Cas9, heterologous protein-expression-purification, X-ray crystallography and Cell biology

Projects:

1. PI: DST SERB NPDF grant on “Mechanistic insights into the functions of the enzymes NagA and GlmS, involved in the biosynthesis of Glucosamine 6-phosphate from Mycobacterium tuberculosis: Implication in the design of new anti-TB compounds” at NII, New Delhi (Feb 2021- March 2022).

Publications:

- Crystal structure of Gig2 protein from *Candida albicans*, provides a structural insight into DUF1479 family oxygenases. **Priya R**, Gunjan G, Tamanna A, Samudrala G, Asis D. International Journal of Biological Macromolecules (2019)
- Cloning, expression, purification and crystallization of a novel GlcNAc metabolic protein, Gig2(DUF1479) from pathogenic fungus *Candida albicans*. **Priya R**, Gunjan G, Kongara HR, Swagata G, Samudrala G, Suman D, Asis D. Journal of Proteins and Proteomics (Springer-Nature) (2017)

Awards and Achievements:

- DST (SERB)-National Postdoctoral Fellowship, 2021.
- DBT-CTEP Travel grant for poster presentation at ASM-microbe-2018, Atlanta GA.
- UGC-SRF (2017), JRF (2015), BSR (2013).
- GATE & CSIR-NET (2011)