

Dilip Chintaman Badgujar (PhD)

Post-Doctoral Fellow, Uppsala University, Sweden

Dr. Dilip Badgujar was a graduate student at ACTREC in the Protein Crystallography lab with Dr. Ashok Varma. His PhD work was focused on identification of key binding partners of BRCT domain of BRCA1. He discovered a unique mode of binding between phosphorylated peptide Abraxas and BRCA1 BRCT domain by X-ray Crystallography. He had received institutional Post-Doctoral fellowship from IIT Bombay and joined Protein crystallography lab with Dr. Prasenjit Bhaumik. He determined first crystal structure of the naturally occurring non-hemolytic pneumolysin (Toxin) from highly pathogenic strain *Streptococcus pneumoniae*. He discovered a novel cation- π interaction responsible for pore formation in a new class of pore forming toxins. Currently, He is working as Post-Doctoral fellow in department of biochemistry at Uppsala university with Dr. Doreen Dobritzsch on structural enzymology. His interest lies in structural biology and drug discovery against clinically important drug targets.

