



Title: Synthesis of oligosaccharides related to bacterial antigens using sequential one-pot glycosylation reactions

Rina Ghosh, an organic chemistry practitioner, graduated from Jadavpur University. After her Ph.D. degree under late Professor Amalendu Das from the same University in 1986 followed by her post-doctoral research with Professor Nirmolendu Roy at IACS, Kolkata, and then continuing research career as a CSIR Pool officer at Jadavpur University, she joined as Lecturer in Chemistry at Bolpur College, West Bengal in 1992. She then moved to Tripura University as a faculty of Chemistry, in 1995, from where she came back to Jadavpur University, Kolkata in 1998, to join the Chemistry Department, where she is still continuing as Professor of Chemistry.

She started her independent research career at Jadavpur University in 1998, and so far has published 68 papers in peer reviewed international journals. Her current research interest includes chemo-, regio- and stereoselective reactions in carbohydrates, development of new glycosylation methods, synthesis of oligosaccharides related to bacterial antigens, and studies on chemosensing.