

Prof. Vishal Rai's research group is leading the development of chemical technologies for the *precision engineering of proteins*. His research team wants to contribute through homogeneous bioconjugates for directed cancer chemotherapeutics and surgical oncology. Besides, they are investing efforts to make small-molecule precision therapeutics possible in the future.

He is the founder and director of *Plabeltech Private Limited* (<https://plabeltech.com>), which works with biopharma companies to develop next-generation therapeutic protein and antibody conjugates. He is the recipient of the J. C. Bose Fellowship, Shanti Swarup Bhatnagar Award, Swarnajayanti Fellowship, Ramanujan Fellowship, Distinguished Teacher Award, CRSI Bronze Medal, CDRI Award, SERB Technology Translation Award, among others. He has been involved in scientific outreach activities as a NOST council member, ICBS national co-chair, and Asia representative in Commonwealth Chemistry. He has served as a member of the ACS Editor-in-Chief search committee, an advisory board member of *Chemical Science*, *Bioconjugate Chemistry*, and an ECB member of *ACS Chemical Biology*. At present, he serves as an Associate Editor of *Chemical Communications*.