

Prof. Palwinder Singh earned his Ph.D. in Organic Chemistry from Guru Nanak Dev University in 1996 after postgraduate research during 1987–1989 and thereafter post-doctoral research at University of Vienna. He served as Professor of Chemistry at Guru Nanak Dev University with over three decades of experience in teaching, research, academic administration and institution building. He served as Dean Academic Affairs (2024–2026), Controller of Examinations (2022– 2024), Head of the Department, Chairman of the Health Centre and Professor In-charge of the Placement Cell. He led the Central Instrumentation Facility from 2012 to 2024, overseeing advanced analytical facilities including NMR, high-resolution mass spectrometry, UV–Visible and fluorescence spectroscopy, molecular modelling software and analytical services for academia and industry. He is Editor of Bioorganic Medicinal Chemistry, a member of the Editorial Board of the European Journal of Medicinal Chemistry, and has served as Council Member of the Magnetic Research Society of India. His research focuses on medicinal and bioorganic chemistry, drug design and discovery, biomimetic synthesis, peptide synthesis, fluorescent probes, anticancer, anti-inflammatory and antifungal agents, multidrug resistance modulators and prebiotic chemistry. He has published over 120 research papers, two review articles and one book, established industrial collaborations including with Ranbaxy Laboratories, and delivered a number of presentations at national and international conferences. His distinctions include the CSIR Junior and Senior Research Fellowships, the Best Teacher Award of the Chemical Research Society of India (2011) and the CRSI Bronze Medal for contributions to Chemical Sciences (2015).