



Obituary

Prof. Dr. Nasir-ud-Din (1937–2016)

We are grieved on the sad demise of an eminent scientist and a senior Fellow of the Pakistan Academy of Sciences, Prof. Dr. Nasir-ud-Din, who breathed his last in Lahore on Thursday, 18th February, 2016. He was elected Fellow of the Pakistan Academy of Sciences in 1996.

Prof. Dr. Nasir-ud-Din was born in Amritsar, British India on 15th August, 1937. He obtained his BSc in 1955 and MSc in 1957 from University of the Punjab, Lahore. Later, he earned PhD from Edinburgh University, Scotland in 1963. In 1996, Prof. Dr. Nasir-ud-Din was conferred DSc by his alma mater, i.e., Edinburgh University, Scotland.

Prof. Dr. Nasir-ud-Din was Chairman, Institute of Molecular Sciences & Bioinformatics, Lahore since 2000, till his demise. Earlier, he had served as Professor of Biochemistry and Dean, Postgraduate Studies and Research, The Lahore University; Executive Director, Institute of Biomedical Sciences, Lahore; Adjunct Professor, H.E.J. Research Institute of Chemistry, University of Karachi, Karachi; Visiting Professor, Georgetown University, Washington, DC, USA; University of Geneva, Switzerland and Harvard University, Cambridge, USA. In University of Balochistan, Quetta, Prof. Nasir-ud-Din had served as Director, Institute of Biochemistry; Professor and Chairman, Department of Chemistry/ Biochemistry. He was Visiting Scientist, Institute National de la Sante et de la Recherche Medicale, Unite de Recherches sur la Biochimie des Proteines, Lille, France; Assistant Biochemist, Department of Medicine, Massachusetts General Hospital, Boston, USA; Research Fellow in Biochemistry, Massachusetts General Hospital, Boston, USA; Technical Director (Advisor), Johnson & Johnson Pakistan, Karachi; Chief Chemist and Manager Quality Control, Johnson & Johnson Pakistan, Karachi; Lecturer, University of the Punjab, Lahore; Research Fellow, Biological Chemistry, Harvard Medical School, Harvard University, Cambridge, USA; Demonstrator, Chemistry Department, Edinburgh

University, Scotland; and Demonstrator, Institute of Chemistry, University of the Punjab, Lahore.

Prof. Dr. Nasir-ud-Din was Fellow of Pakistan Institute of Chemists; The Academy of Sciences for the Developing World (TWAS); Pakistan Society of Biochemistry and Molecular Biology; and Chemical Society of Pakistan. Also, he was Member of Pakistan Biological Sciences Society; Pakistan Institute of Chemists; and Chemical Society of Pakistan.



In recognition of his outstanding contributions in the field of chemistry/biochemistry, Prof. Dr. Nasir-ud-Din was conferred Edinburgh University, Studentship, 1961; Fulbright-Hays Award, 1963; Senior Fulbright-Hays Award, 1969; *Sitara-i-Imtiaz*, Govt. of Pakistan, 1991; Gold Medal (B. Khan), University of Balochistan, Quetta, 1992; Visiting Scientist Award, World Health Organization, 1989; and Visiting Scientist Award, National Medical Research Institute, France, 1982.

Prof. Dr. Nasir-ud-Din's areas of research were Biochemistry, Chemistry, Immunology of Complex Carbohydrates; Structure-Function Relationship of Glycoproteins; Secretory Proteins, Glycoproteins of Epithelial Cells and Cell Surface Carbohydrates; and Malaria Glycoproteins.

Prof. Dr. Nasir-ud-Din was a kind and humble person, and, despite health problems, remained committed to his scientific pursuits till his demise. In the death of Prof. Dr. Nasir-ud-Din, Pakistan has lost a committed and accomplished scientist. May Allah Almighty rest his soul in eternal peace and give fortitude to his family to bear this irreparable loss! Aameen.

Dr. Abdul Rashid, FPAS