

Brief Citation of Prof. Dr. Syed Ghulam Musharraf *T.I.*

Ph. D., D. Sc.

Prof. Dr. Syed Ghulam Musharraf is internationally recognized for his excellence in mass spectrometry. He received postdoctoral training in Austria and the USA and has made pioneering contributions to establishing modern mass spectrometry research in Pakistan, particularly in metabolomics. He has authored more than 285 peer-reviewed research articles (cumulative impact factor >1200; Google Scholar h-index 42), several book chapters, edited volumes, and holds a US patent. Recently, he was awarded the prestigious **Doctorate of Science (D.Sc.)** degree by the University of Karachi. His outstanding scientific contributions have earned him national and international recognition. He is a recipient of Pakistan's civil award **Tamgha-e-Imtiaz**, the **Pakistan Academy of Sciences Gold Medal (2019, Chemical Sciences)**, and the **Dr. Atta-ur-Rahman Gold Medal**. He has also been elected **Fellow of the Royal Society of Biology (UK)**, **Fellow of the Royal Society of Chemistry (UK)**, **Fellow of the Chemical Society of Pakistan**, and **Member of the Pakistan Academy of Sciences**. His global affiliations include serving as a **Board Member of the Asian Federation of Biotechnology (Pakistan)**, selection as Visiting Professor at The Affiliated TCM Hospital, Southwest Medical University (China), and membership in the **Global Young Academy**. He has also been a **TWAS Young Affiliate** and recipient of numerous international fellowships, including the Charles Wallace (UK), Erasmus Mundus (Europe), Endeavour (Australia), and OeAD (Austria). As a mentor, Prof. Musharraf has supervised **99 postgraduate students** (53 Ph.D. and 46 M.Phil.) and secured several national and international research grants, significantly advancing mass spectrometry-based research in Pakistan.