

BRIEF CITATION OF ACADEMICIAN

PROF. DR. MUHAMMAD IQBAL CHOUDHARY

Mustafa (pbuh) Prize (Laureate)
(Hilal-i-Imtiaz, Sitara-i-Imtiaz, Tamgha-i-Imtiaz)

The academician Dr. M. Iqbal Choudhary is a **Senior Advisor and the distinguished National Professor** of Bioorganic and Natural Product Chemistry at the International Center for Chemical and Biological Sciences (H. E. J. Research Institute of Chemistry and Dr. Panjwani Center for Molecular Medicine and Drug Research). He is serving as the **Coordinator General COMSTECH** (Ministerial level Organization of Islamic Cooperation Standing Committee on Scientific and Technological Cooperation), **Vice President (Central & South Asia)**, The World Academy of Sciences (TWAS) since 2022. Prof. Choudhary has, since 1990, been among the world leaders in the field of natural product chemistry, and has made pioneering contributions in the discovery of novel natural products. He has discovered many potent anti-epileptic and anti-leishmanial compounds from indigenous medicinal plants that are under clinical trials. His contributions to reverse bacterial resistance to antibiotics represent seminal contributions in this important field. He leads the developing world's finest research center of natural product chemistry (H. E. J. Research Institute of Chemistry) since 2002, and has trained hundreds of young researchers, especially women, from across the Afro-Asian region in natural product chemistry. He has established several research centers in Pakistan, and helped to setup research units in Africa, and South and Central Asia. His scientific, and capacity building contributions have been recognized by prestigious national and international awards and honors, and fellowships of several academies of science. Prof. Choudhary has more than **1,270 publications**, impact factor of publications is over 3,600 (Citations **44,900**, *h* index **87**) in the fields of organic and bioorganic chemistry, along with **94 patents (64 US Patents)**, **94 books** and **40 chapters in books**, published by major U.S. and European presses. On the basis of his researches more than **100 students have been awarded Ph. D. degrees** in various areas of natural product and bioorganic chemistry.

HIGHLIGHTS OF MAJOR ACHIEVEMENTS

AWARDS & HONORS

- **House Key of Prestigious Academician Center Ningbo** by the Deputy Director General (2024).
- **The Chinese Government Friendship Award** by the President of R. P. China (2022).
- **UNESCO Chair holder on Medicinal and Bio-Organic Natural Product Chemistry, ICCBS**, (2019 -2024)
- Gold Medal conferred by the International Turkic Academy (ITA), Kazakhstan (2022).
- **Mustafa (pbuh) Prize and Award (Laureate)** in Bioorganic Chemistry (Mustafa pbuh Science and Technology Foundation) 2021.
- Appointed by UNESCO as a **UNESCO Chair holder** on Medicinal and Bio-Organic Natural Product Chemistry (2020).
- President's International Fellowship Initiative (PIFI), "**Distinguished Scientist Award**", Chinese Academy of Sciences" (2020).
- **Doctor of Science (D.Sc.)**, Al-Farabi Kazakh National University, Kazakhstan (2019).
- Declared as the top scientists among 1,650 scientists of Pakistan in all disciplines/ fields of science and technology (year 2010-2013) in term of research productivity (publications and patents) by the PCST (Ministry of Science and Technology, Pakistan)
- **COMSTECH Award in Chemistry (2010)** (in 57 OIC member countries) by the Prime Minister of Pakistan (2010).
- Civil Award *Hilal-e-Imtiaz* by the President of Pakistan (2007).
- Civil Award *Sitara-e-Imtiaz* by the President of Pakistan (2001).
- Civil Award *Tamgha-i-Imtiaz* by the President of Pakistan (1999).
- First **Khwarizmi International Award and Prize** from the President of Islamic Republic of Iran (2006).
- **Economic Cooperation Organization(ECO) Excellence Awards in Education 2006** from the President of Azerbaijan.
- **Distinguished National Professor** by the Higher Education Commission (2004).
- **Prof. Abdussalam (Nobel Laureate) Prize in Chemistry** (1989).
- **Prof. Riazuddin Siddiqui Gold Medal** of Pakistan Academy of Sciences (1992).
- **The Third World Academy of Science (Trieste, Italy) Young Scientists Award** (1994).
- **National Book Foundation Prize for the Best Science Book** (1995).

FELLOWSHIPS

- Fellow, The Academy of Sciences for the Developing World (TWAS) (2003).
- Fellow, Islamic World Academy of Science (2003).
- Fellow, Pakistan Academy of Sciences (2003).
- Fellow, Royal Society of Chemistry (2004).
- Fellow, Chemical Society of Pakistan (2001).
- Fellow, International Union of Pure and Applied Chemistry (IUPAC).
- Senior Fulbright Fellow, University of California at San Diego, USA (1999).
- Fellow, LEAD-International (Leadership for Environment and Development).