

## Scientific Biography

Mehran Habibi-Rezaei

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Dr. Mehran Habibi Rezaei, Professor of Biochemistry and Biotechnology at the University of Tehran, was born on October 26, 1963, in Urmia, Iran. He obtained his Bachelor's degree in Biology from Urmia University in 1988, followed by a Master's and Ph.D. in Biochemistry from the University of Tehran in 1995 and 2000, respectively. His graduate research focused on developing reaction systems based on the electron transport chain and enzymes. He also pursued graduate studies in Anatomy at Mashhad University of Medical Sciences and conducted research on impedance-based sensors for detecting nitroaromatic compounds at the Montreal Biotechnology Research Institute (BRI) in Canada. Among his academic and research achievements are leading the first national project to monitor Iran's biotechnology capabilities in 1995, collaborating on a similar project within the Presidential Cooperation Office in 1997, and founding the Protein Biotechnology Research Laboratory (PBRL) at the University of Tehran in 2004. He has advised and mentored dozens of graduate students in science and engineering disciplines. Dr. Habibi's research primarily covers protein and enzyme science and technology, oxidative stress-related diseases, nanobiotechnology, and interdisciplinary sciences and technologies. He has published over 190 scientific and educational articles, authored and translated seven books in biochemistry and enzymology, filed eight patents, and developed various biosensors and bioproducts, including pharmaceutical supplements. His technological contributions also include the design and construction of a molecular distillation system. He has served as the head of the integrated Ph.D. The Biotechnology program at the University of Tehran, managed the university's technology incubator center, held the position of Vice President for Technology Development at the university's Science and Technology Park, and was Dean of the faculty. He has been a member of several specialized committees, including the evaluation board of the Biotechnology and Genetic Engineering Institute, the Basic Sciences Working Group of the Iran National Science Foundation, the National Institute of Genetic Engineering and Biotechnology, and other advisory councils within the Ministry of Science and universities. He has also led the Nanobiomedicine Research Cluster and holds membership in the Chemistry Branch of the Iranian Academy of Science. Dr. Habibi is a founding member and board member of scientific societies in chemistry and life sciences, and serves as the president of the Federation of Convergent Scientific Societies in the field of life sciences.