

Professor Francesco Malatesta is a distinguished scientist with numerous notable achievements.

Scientific achievements:

1. Extensive research on cytochrome c oxidase and other respiratory chain proteins (over 100 publications in prestigious international journals)
2. Development of a novel equation for analyzing second-order reactions, useful for studying electron transfer and protein folding
3. Characterization of terminal oxidases from various bacterial species
4. Structural and functional studies on trypanothione reductase, pyridoxine 5'-phosphate oxidase, and other enzymes with potential pharmaceutical applications
5. Cloning of the phosphodiesterase V gene from bovine lung, relevant to sildenafil research

Teaching achievements:

1. Full Professor of Biological Chemistry at prestigious Italian universities since 1994
2. Coordinator of the Chemistry and Biochemical Propaedeutics course at Sapienza University of Rome since 2009
3. Coordinator of the Biochemistry course in the English Medicine and Surgery Master's Degree Course at Sapienza University of Rome since 2012
4. Coordinator of the PhD Course in Biochemistry at Sapienza University of Rome (2011-2016)
5. Education Ambassador within the FEBS Education and Training Committee since 2018 and member of the FEBS Education and Training Committee since 2023

Other achievements:

1. Co-author of textbooks on medical chemistry and biochemistry and research papers (e.g., PNAS, JBC, FEBS J, BBA)
2. Organizer of international conferences and courses on protein structure and function.
3. Editor and reviewer for several international biochemistry journals
4. Recipient of numerous research grants
5. Member of prestigious scientific societies (e.g., the Italian Society of Biochemistry and Molecular Biology and the American Society of Biochemistry and Molecular Biology)