

Curriculum vitae

Prof. Sergio Papa

Sergio Papa, Full Professor of Biological Chemistry University of Bari, expertise in molecular and cellular bioenergetics and physiopathological aspects. Author of more than 300 articles in Journals included in Science Citation Index and Co-editor of 25 volumes published by International Companies. Numerous lectures as invited speaker to world congresses (IUBMB and IUPAB) international congresses (FEBS). Medals and awards: Mendel Medal for Scientific Research from Academy of Sciences Czech Republic, National Prize for Research "G. Dorso", Member Academia Nacional de Medicina, Argentina, Professor Honoris Causa State University Lomonosow Moscow, and University of Moron, Argentina. His studies have contributed: to clarification of mitochondrial metabolism; experimental evidence for the chemiosmotic theory of oxidative phosphorylation; hypothesis and experimental evidences for cooperative mechanisms in energy transducing proteins, Cytochrome c Oxidase and Ubiquinone Oxidoreductase; comparative genomics and mutational analysis of heme-copper Oxidases; structure and function of mitochondrial ATP-synthase; identification and characterization of genetic defects of respiratory chain enzymes in encephalomyopathies; c-AMP cascade and regulation of energy metabolism. Organizing activity: component of the Administration Board University of Bari, 1979-1983 and 1997-2001. Component of the Committee for Biology and Medicine of CNR, 1968-1972. President of the Bioenergetic Interest Group of IUBMB (1983-1987) Secretary of the Italian Biochemical Society, 1997-1998. Chairman of the Italian Biochemical Society since January, 2007. Co-organiser of more than 30 International Congresses and Meetings.

Publications 2006-2010

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