

Carlo De Micheli, graduated in Chemistry and in Pharmacy at the University of Pavia, is at present Full Professor of Medicinal Chemistry at the Faculty of Pharmacy of the University of Milan. He has been associated with S.U.N.Y at Buffalo (1981) and University of Rochester (N.Y., 1986) as visiting professor. In 1990 he was promoted to Full Professor at the University of Trieste where he spent four years (1990-1994). Carlo De Micheli published more than 160 papers in the most qualified international journals devoted to medicinal chemistry. His research interest is oriented to the study of the relationships between structure and activity of ligands acting at muscarinic and beta-adrenergic receptors. The synthesis of the two enantiomers of muscarone and the evaluation of their muscarinic activity are noteworthy since these results modified erroneous data previously reported in the literature. Recently his research interested moved on the glutamatergic system. He designed and accomplished the synthesis of a number of glutamic acid analogues characterized by a locked conformation. Some of the new derivatives are provided with a pharmacological profile suitable for the development as neuroprotective drugs. Furthermore, he discovered blockers of the glutamate transporters with a pharmacological profile significantly different from that of derivatives reported in the literature. His interest is at present devoted to the synthesis of inhibitors of enzymes essential to the survival and replication of parasites that cause a variety of diseases. The novel derivatives, which are structurally related to the natural amino acid acivicine, can be considered drug candidates to treat neglected pathological diseases. He is a Member of the International Advisory Board of GluTarget, a research project within the Programme of Excellence at the University of Copenhagen. He has been for many years the Coordinator of the Ph.D. programme in medicinal chemistry at the University of Milan. Actually, he is a member of the Doctoral School in Chemistry. Carlo De Micheli is at present Director of the "European School of Medicinal Chemistry" which is the only accredited school of the European Federation for Medicinal Chemistry (EFMC). The school takes place annually in Urbino with a scientific program devoted to PhD students and young researchers interested in the process of the drug discovery and development.