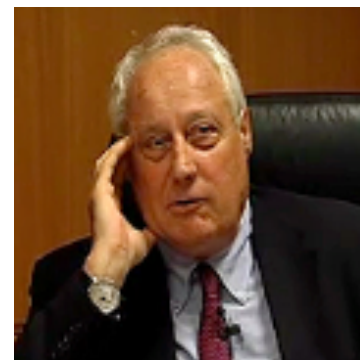


Curriculum Vitae,

Prof. Maurizio Paci



Born in Spoleto (PG) , Italy , the 26 Nov 1945

Chemistry degree in 1970. Assistant professor in Physical Chemistry from 1974 to 1986 at the University of Rome La Sapienza. Associated professor of Physical chemistry from 1986 to 1994.

From his degree, he was attracted to the newly arising NMR spectroscopy and had the possibility of studying several scientific problems with the new advancement of this methodology. High magnetic fields, relaxation techniques, FT transformation NMR, solid state NMR, low resolution NMR , NMR of polymers and NMR of molecules of biological interest up to the NMR spectroscopy of biomolecules and proteins. Attracted to Biochemistry and from the structural aspects of biology interactions, he contributed to the applications of NMR to the biological recognition process. In the field he is considered an expert within the NMR community.

From 1994 he is full professor of Biochemistry at the Course of Chemistry and Professor of Food Chemistry in the Specialist Degree in Human Nutrition at the University of Rome Tor Vergata.

The research activity can be summarized as follows, just listing the most important themes to which he has given contribution:

- Biological systems, model compounds: structural and conformational study of molecules of biological interest;
- study of the initiation factors of the protein biosynthesis of E. Coli
- study of the "histone-like" proteins of E. Coli
- structural studies of vegetal phytoxins
- structure and function of metalloproteins: the superoxide dismutase
- NMR study of cells
- NMR structural study of bioactive peptides
- NMR study of nucleic acids
- Structural and conformational analysis of macromolecules, polymers, and coordination compounds
- NMR study at low resolution
- solid state NMR
- food chemistry

Field of study:

Structural biochemistry and Magnetic resonance

Location at the university:

Dept. Chemical Science and technology at Faculty of Science , Via Ricerca Scientifica 1 , 00173
Rome , Italy