

STEFANO RUFINI - CURRICULUM VITAE

Date and place of birth: December 17th 1954; Roma, Italy

Contact: Dept. Biology; University of Rome "Tor Vergata", Via Ricerca Scientifica,
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Education and training :

1977 Graduated with laude, Doctor in Biology (University of Rome).

Brief chronology of Employment:

1976-1979 Visiting at Cell Biology Institute, CNR, Roma (Dr A. Grasso)

1979-1981 Visiting Professor, National University of Heredia, Costa Rica.

1986 Research fellow, Institute of Physiology, University of Pisa

1984-2006 Established Investigator, Dep. Biology, University of "Tor Vergata".

2007-pres Associate Professor of Physiology Dep. Biology, University "Tor Vergata".

Teaching

1979-1981 Visiting professor of Cell Biology, University of Heredia, Costa Rica

1995-1999 Incharge of the course of Physiology, Faculty of Pharmacy, University of Catanzaro, Italy

1998-pres. Professor of the course of Neurobiology - Faculty of Science of the University of Rome "Tor Vergata"

2007-pres. Professor of the course of Physiology - Faculty of Science of the University of Rome "Tor Vergata"

1995 - 2012 Member of the professors board the Research Doctorate in "Molecular and Cellular Biology" of the University of Tor Vergata

2012 - pres. Member of the professors board of the Research Doctorate in "Ecology and Evolutionary Biology" of the University of Tor Vergata

Current research lines

The research activity was focused on the investigation of the mechanism of interaction between proteins and biological membranes. In particular:

- 1) Study of the interaction of toxins purified from snake venom with lipid bilayers.
- 2) Analysis of modulation of enzyme and membrane receptors by the lipid domains in plasma membrane.
- 3) Effect of Ionized Radiation on DNA repair system of eukaryotic cells.

Scientific Collaboration

Universidad de Tucuman, Argentina (Prof. R. Farias)

Fluorometric approach to the study of protein-membrane interaction.

Instituto Clodomiro Picado San Jose', Costa Rica (Prof. J.M. Gutierrez and Prof B. Lomonte)

Myotoxin extracted from the venom of Bothros

Faculty of Medicine, University of Ljubljana, Slovenia (Prof Dusan Suput)

The role of ochratoxin in the Balkan Endemic Nephropathy Syndrome insurgence.

Dipartimento del Farmaco - Istituto Superiore di Sanità Roma (Dr. Claudio Frank)

Effect of membrane rafts manipulation on synaptic receptor activity.

Faculty of Medicine "Tor Vergata" (Prof. D'Arcangelo)

Study of effect of lipid rafts manipulation on hippocampus activity in a murine model of Niemann-Pick disease.

Patent

Co-titular of a patent on the use of an antibody against a Coelenterata toxin for diagnostic purpose.

