

## Curriculum vitae of prof. Roberto Fattorusso

### EDUCATION

July 1992 - Laurea degree in Chemistry, full marks and honor, University of Naples “Federico II”

1996 - Ph.D. in Chemical Sciences, Department of Chemical Sciences, University of Naples “Federico II”

### CURRENT POSITIONS

2007 - Full Professor of Chemistry, Department of Environmental, Biological and Pharmaceutical Sciences and Technologies, University of Campania “Luigi Vanvitelli

2018 - Coordinator of the Courses of Biotechnology and Molecular Biotechnology, University of Campania "Luigi

Vanvitelli"

2020 - Deputy of the Rector of University of Campania “Luigi Vanvitelli” for the safety of the laboratories

2021 - President of Campania Division of the Italian Chemical Society

### · PREVIOUS POSITIONS IN ITALY AND ABROAD

1997- 1998 Assistant Researcher of Prof. K.Wüthrich, 2002 Nobel Prize in Chemistry, ETH, Zürich, Switzerland

2003-2004 Visiting Professor, Burnham-Sanford Institute, San Diego, CA, USA

### · FELLOWSHIPS AND AWARDS

1997- 1998 Assistant Researcher, ETH, Zürich, Switzerland

2002 - Visiting scientist at the Centre for Design and Structure in Biology, Institute of Molecular Biotechnology, Jena,

Germany

2003-2004 Visiting Professor, Burnham-Sanford Institute, San Diego, CA, USA

2024 – Gold Medal GIDM-GIRM for his contribution to the NMR research in Italy

### · INSTITUTIONAL RESPONSIBILITIES

2009 - 2012 Chairman, Department of Environmental Sciences, Second University of Naples

2009 - 2011 President of the Division of “Chemistry of Biological Systems” of the Italian Society of Chemistry

2012 - 2015 Vice-chairman, Department of Environmental, Biological and Pharmaceutical Sciences and Technologies,

University of Campania “Luigi Vanvitelli

2012 - 2018 Member of the Academic Senate

2018 - 2021 Vice-chairman, Department of Environmental, Biological and Pharmaceutical Sciences and Technologies,

University of Campania “Luigi Vanvitelli

2021 - 2022 Member GEV of the Council of Experts for the Evaluation of Quality of Research in the Italian University system (VQR)

· COMMISSIONS OF TRUST

Ministero dell'Università e della Ricerca

MUR - BANDO 2022

Reviewer for Nature Communication, Proceedings of the National Academy of Sciences, ACS Chemical Biology et al.

2002 - Reviewer for the Italian Ministry

2016 - Editorial Board, Scientific Reports

2019 - Editorial Board, Molecules

· SELECTED INVITED LECTURES

2007 - 11th Chianti Workshop on Magnetic Resonance - - Methods for biomolecular Magnetic Resonance- Vallombrosa, Giugno.

2008 XXXVIII National Congress on Magnetic Resonance, Bressanone, September

2009 - 9th Workshop on Pharmaco-Biometallics, Pontignano, November.

2010 - Joint EUROMAR 2010 and 17th ISMAR Conference, Florence July

2013 - 3rd Annual User group Meeting of BioNMR NMR and protein dynamics in structural biology, Budapest, June

2015 XLIV National Congress on Magnetic Resonance Rome, September

2017 - XXVI SCI National Congress - Paestum, 2017

2022 - binational GIDRM-GERM conference in Milano, Italy, September

RESEARCH ACTIVITIES

Since 1998, prof. R. Fattorusso focused his main scientific activity to the structural and functional study of proteins by means of nuclear magnetic resonance techniques. Among various structural studies, he investigated transcriptional factors containing zinc-finger domains from plants and bacteria, determining the first high resolution structure of the Cys2His2 Zinc finger domain from prokaryota. Furthermore, Prof. Fattorusso devoted his scientific attention also to the development and application of the nuclear magnetic resonance techniques in the field of the drug discovery. In particular, he developed a new strategy for the identification of candidate drugs through the screening of relatively small library, by means of NMR and other spectroscopic techniques and computational methodologies. Finally, he is recently interested to the fields of in cell NMR and of the protein folding studied by means of NMR methodologies. In Caserta, he largely contributed to set up a brand new NMR laboratory with 4 spectrometers (2 600 MHz, 1 500 MHz and 1 300

MHz) and has built a new scientific group of structural chemists and biologists. He is author of more than 130 papers published on international journals

Bibliometrics September 2025 (Scopus)

Total number of citations: 3116

h-index:31

(Google Scholar)

Total number of citations: 4078

h-index: 37