

Curriculum Vitae Maria Antonietta Zoroddu

She is Full Professor of General and Inorganic Chemistry at the University of Sassari, Department of Chemistry and Pharmacy.

Her main research topics include:

Bioinorganic Chemistry and Study of Relevant Environmental and Biological Problems:

- Coordination Chemistry, Chelation Therapy
 - Molecular Mechanisms Involved in the Toxicity and Carcinogenicity of Metal Ions
 - Parkinson's Disease and Manganese poisoning
 - Nickel Allergy
 - Antioxidant Peptides in Extreme Radiation Resistance
- and application of Spectroscopic Techniques such as
- Nuclear Magnetic Resonance (^1H - ^1H TOCSY, ^1H - ^{13}C HSQC, ^1H - ^1H NOESY and ^1H - ^1H ROESY)
 - Electron Paramagnetic Resonance

She held the following positions, main activities and responsibilities at the University of Sassari:

Dean of Faculty of Pharmacy (2010-2012), Rector's Delegate for the International Relations (2012-2014), President of the Commission for the Internationalization, (2012-2014), Member of the Scientific Committee in Uni-Italia for the University of Sassari (2012-2014), Member of the Committee for High Technology Instruments: "Planning, Acquisition and Managements of Scientific Technologies and Medical Equipment" (2011-2014), Vice-Director of the Department of Chemistry and Pharmacy (2017-2019),

Director of the Department of Chemistry and Pharmacy (November 2021-) -University of Sassari.

ERASMUS Coordinator with the following Institutions:

- Faculty of Biological Sciences University of Dundee – UK, from 1997 to 1999;
- Faculty of Chemistry, University of Wroclaw – Poland, from 1999-to date;
- Sivila-Universidad de Sevilla, Spain, from 2013-to date;
- Istanbul-Bezmialem Vakif Universitesi, Pharmacy Faculty, Turkey, from 2013-.

She participated as a Rector's Delegate of the University of Sassari to several International Exhibitions, among them: China Education Expo 2013 and 2014; European Association for International Education - Turkey, 2013; Italian Days on Higher Education - Vietnam 2014; European Higher Education Fair - Vietnam 2014.

She published about 130 papers in international journals, held several conferences by invitation at international meetings and more than 140 among oral or poster communications at international and national meetings.

She collaborated with several Universities and Institutions worldwide: University of Cagliari - Department of Chemical and Geological Sciences, New York University - USA, Wroclaw University- Poland, - University of Florence - CERM, Center for Magnetic Resonance; Air Force Research Laboratory, Wright Patterson Air Force Base, OH.

She is referee for several scientific journals such as *Journal of Inorganic Biochemistry*, *Coordination Chemistry Reviews*, *Chemical Communication*, *Dalton Transaction*, *Journal of Coordination Chemistry*, *PLOS one*, *Toxics and others*.

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