

Prof. Guido Crisponi

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Guido Crisponi has been full professor of Analytical Chemistry at the Department of Chemical and Geological Sciences at University of Cagliari, Italy. Born in 1945, he took his degree in Chemistry in 1968 at the University of Cagliari. Since this date, he has worked uninterruptedly at University of Cagliari until 2015. Previously, Professor Crisponi has served in the following capacities:

- President of "Società Chimica Italiana - Sezione Sardegna" (2000-2001)
- Dean of the Department of "Scienze Chimiche" at Cagliari University (2004-2007)
- President of the European Group of Thermodynamic of Metal Complexes (2010-2013)
- Chair of two ISMEC meetings in Cagliari (1997 and 2007), and of two International Summer Schools, the first on Inorganic Biochemistry (2013) and the second on Bioinorganic Medicinal Chemistry (2015)
- Guest Editor of four issues of Coordination Chemistry Reviews published in 1999, 2008, 2012 and 2015, and of two issues of Current Medicinal Chemistry, the first on "The State of Art in the Treatment of Metal Toxicity" (2014) and the second on "Applications of Bioinorganic Chemistry in Medicinal Chemistry", in press.
- Author of the chapter "Metal Ion Toxicity" on Encyclopedia of Inorganic and Bioinorganic Chemistry (John Wiley & Sons, Ltd)
- Co-editor of the book "Chelation Therapy in the treatment of Metal Intoxication", Academic Press, Elsevier, 2016
- Coauthor of seven books
- Author of more than 120 papers on international Journals

The majority of Professor Crisponi works deal with analytical studies on the distribution of toxic elements in various human tissues, solution equilibria studies on the interaction between metal ions and bio-molecules by potentiometric, spectrophotometric and NMR techniques, and design, synthesis and characterization of metal chelators for clinical applications to remove toxic metal ions from humans. He is member of the Editorial Board of Mini-Reviews in Medicinal Chemistry, Journal of Inorganic Chemistry and Journal of Analytical Methods in Chemistry.