

Curriculum Vitae

Personal information

First name(s) / Surname(s) **Valeria Ugone**
Address(es) Trav. La Crucca, 3 – Regione Baldinca, 07100 Sassari, Italy
Telephone(s) +390792841240
E-mail valeria.ugone@cnr.it
Website <https://www.cnr.it/people/valeria.ugone>

Work experience

Dates	From July 2020 to date
Occupation or position held	Researcher (III level)
Name and address of employer	Istituto di Chimica Biomolecolare - Consiglio Nazionale delle Ricerche (Sassari, Italy)
Dates	From January 2020 to June 2020
Occupation or position held	Quality Control Chemical Analyst
Main activities and responsibilities	Chemical and physical analysis of raw materials used in production, process intermediates and finished products
Name and address of employer	3V Sigma S.p.a. (Bergamo, Italy)
Dates	From April 2017 to December 2019
Occupation or position held	Research collaborator
Main activities and responsibilities	Synthesis, characterization and study of the biospeciation of vanadium compounds with potential pharmacological properties
Name and address of employer	Dipartimento di Chimica e Farmacia - Università degli Studi di Sassari (Sassari, Italy)
Dates	From January 2017 to June 2019
Occupation or position held	Chemistry teacher secondary school
Name and address of employer	I.T.I. G.M. Angioy, I.T.A.S. Salvator Ruju (Sassari, Italy)
Dates	From September 2018 to December 2018
Occupation or position held	Postdoctoral research fellow
Main activities and responsibilities	Synthesis and characterization of new porphyrin-based monomers for the design of polyacrylates with biomedical applications
Name and address of employer	Instituto de Investigaciones en Materiales - Universidad Nacional Autónoma de México (CDMX, Mexico) Research group of Prof. Ernesto Rivera García
Dates	From January 2016 to June 2016
Occupation or position held	Erasmus Traineeship
Main activities and responsibilities	Study of the interaction of metal compounds with proteins and other biomolecules by mass spectrometry
Name and address of employer	School of Chemistry - Cardiff University (Cardiff, UK) Research group of Prof. Angela Casini

Education and training

Dates	From January 2014 to March 2017
Title of qualification awarded	Ph.D. in Chemical Science and Technology (<i>Doctor Europaeus</i>)
Thesis title	Synthesis, characterization, pharmacological activity and biotransformation in the organism of oxidovanadium(IV) compounds
Name and type of organisation providing education and training	Università degli Studi di Cagliari in agreement with Università degli Studi di Sassari Tutor: Prof. Eugenio Garribba
Dates	From October 2011 to October 2013
Title of qualification awarded	Master's degree in Chemical Sciences (110/110 with honors)
Thesis title	Oxidovanadium(IV) complexes with flavonoids and their antioxidant properties
Name and type of organisation providing education and training	Dipartimento di Chimica e Farmacia - Università degli Studi di Sassari
Dates	From October 2007 to July 2011
Title of qualification awarded	Bachelor's degree in Chemistry (110/110 with honors)
Thesis title	Synthesis, characterization, and transport in blood of VO(IV) complexes with pyridine N-oxido derivatives
Name and type of organisation providing education and training	Facoltà di Scienze Matematiche, Fisiche e Naturali - Università degli Studi di Sassari

Research activities

Research interest	Synthesis and characterization of potential metallodrugs, study of their interaction with blood and cellular bioligands (proteins and low molecular weight components), evaluation of the antioxidant properties and ROS production capability by the combined application of experimental (ESR, ESI-MS, UV-Vis) and computational (DFT) techniques.
Research projects	Component of two research projects entitled "Development of potential vanadium-based drugs for the treatment of diabetes, a socio-economic problem of Sardinia" and "Diabetes and Sardinia: a chemical approach using metal complexes" funded for the years 2014 and 2015 by Fondazione Banco di Sardegna. Participation in the research project "Soft functional materials for tissue engineering and controlled drug release" (project CONACYT-FRQ 279380, UNAM).
Publications	Author of 27 papers on international journals in the field of metal ions coordination chemistry.
Conferences	42nd International Conference on Coordination Chemistry (Brest, Jul 2016); 13th European Biological Inorganic Chemistry Conference (Budapest, Aug 2016); XLIV Congresso Nazionale di Chimica Inorganica (Padova, Sep 2016).
International schools and workshops	Summer School on Magnetic Resonance in Food Science (Jul 2014, Alghero, Italy); Winter School on EPR in Food Science (Feb 2015, Ascona, Switzerland); Summer School of Inorganic Medicinal Chemistry (Sep 2015, Santa Margherita di Pula, Italy); Workshop "Anticancer computer aided drug design" (Jan 2016, Cardiff University School of Pharmacy, UK); International School of Chemistry - WEB edition 2020 (Sep 2020, Camerino, Italy).
Research identifier	Orcid: 0000-0002-2830-3869 ; WoS: AAT-2667-2020 ; Scopus: 55249677100

Additional information

Co-supervisor of 6 bachelor's and 2 master's theses in Chemical Sciences (from a.y. 2015-2016 to date)