

CURRICULUM VITAE PELLEI MAURA

Academic achievements

- 2017** Qualification of Full Professor (BANDO D.D. 1532/2016) in “Fundamentals of Chemical Sciences and Inorganic Systems”
- 2014 to date** Associate Professor (General and Inorganic Chemistry) at School of Sciences and Technology, University of Camerino
- 2010-2014** Researcher (General and Inorganic Chemistry) at School of Sciences and Technology, University of Camerino
- 2010** PhD degree in *Chemical Sciences* at the School of Advanced Studies of the University of Camerino
- 2003** Degree in *Chemistry* at the University of Camerino, cum laude
- 1994-2010** Technical Assistant to Research Activity at the University of Camerino
- 1994** CNR-Fellowship for the Research project in “Asymmetric synthesis” at the Department of Chemistry, University of l’Aquila
- 1993** Degree in *Biological Science* at the University of l’Aquila, cum laude

Academic responsibilities

- 2019 to date** Coordinator for the “Chemical Sciences” Curriculum of the Chemical and Pharmaceutical Sciences and Biotechnology Course, International School of Advanced Studies (ISAS), UNICAM
- 2014-2020** Board of the Società Chimica Italiana, Sezione Marche
- 2013 to date** Board of Doctorate Course in Chemical and Pharmaceutical Sciences and Biotechnology, Curriculum Chemical Sciences, of the School of Advanced Studies of the University of Camerino
- 2017-2019** Responsible for Internationalization activities, Chemistry Division, School of Science & Technology, UNICAM
- 2013-2017** Management Committee for the project COST SYRA3 n. TD1205
- 2012-2019** Board of the Rete Universitaria Italiana per l'Apprendimento Permanente (RUIAP)
- 2008-2011** Responsible for Life Long Learning for the University of Camerino (D.R. n. 80 del 28.02.2008)
- 2011-2018** Delegate of the Rector of the University of Camerino for Life Long Learning” (D.R. n. 3 del 03.11.2011)

Research topics

The research interests can be summarized in the following topics: (a) development of new boron- and carbon-centered scorpionate ligands with C-, N-, O- and/or S-donor atoms; (b) evaluation of their coordination capabilities with main group and late transition metal ions; (c) bioinorganic and medicinal inorganic chemistry; (d) development of copper radiopharmaceuticals; (e) catalytic applications of copper complexes. Recently, the research effort mainly involves the synthesis of group 11 metal complexes and the evaluation of their biological activity as potential water-soluble anticancer compounds.

She is co-author of **131** publications, including 9 invited review articles on leading international journals, **2** International Patents (1 patent, 2015: US patent 9,114,149, licensed in 2018 by SAPIR Pharmaceuticals Inc.), 3 book chapters, 1 Encyclopedia Entry Collection, 2 Highlights and 200 presentations at scientific meetings or proceedings. She is Guest Editor of 5 Special Issues on international journals.

Bibliometric parameters: *h-index* = 32 (SCOPUS).

Granted research projects

- UNICAM responsible for the project "Radiation-enhanced metal-based chemotherapy in the treatment of solid tumors" financed by AIRC "Call for Proposals 2016" (P.I. Prof. G. Cavaletti, 2016-2020).
- Component of the Management Committee of SYRA3 (TD1205) COST project titled "Innovative methods in radiotherapy and radiosurgery using synchrotron radiation", chaired by Dr. A. Bravin, ESRF (2013-2015).
- Principal Investigator for the 1st FAR proposal (University of Camerino, University Research Projects Year 2011-2012) titled "Design, synthesis and biological evaluation of novel chemical entities as potential anticancer drugs and for the control of the metastatic process", financed by UNICAM.
- PI for the scientific research project entitled "Metal systems supported by N-, C-, S- and/or P-donor systems with antitumor properties", financed by Sanofi-Aventis S.p.A (2011-2013).