

CURRICULUM VITAE

Alessandra Bonanni
Associate Professor
Department of Chemistry
Università degli studi di Pavia (Italy)

Academic Qualifications

PhD (Chemistry), Autonomous University of Barcelona (Spain)- 2008; MSc (Analytical Chemistry), Sapienza University, Rome (Italy) – 2001; BSc (Hons) in Chemistry, Sapienza University, Rome (Italy) – 1999.

Professional Qualifications / Memberships

Member, Singapore National Institute of Chemistry (SNIC) 2015-2022; Member, Italian Chemistry Society (SCI) 2024 – present.

Summary of Working Experience

Associate Professor, Department of Chemistry, Università degli studi di Pavia (Italy) – Sept 2022 – Present; Assistant Chair (Students), School of Physical and Mathematical Sciences (SPMS), Nanyang Technological University (NTU, Singapore) - Jan 2017 – Sept 2022; Senior Lecturer, School of Physical and Mathematical Sciences (SPMS), Nanyang Technological University (NTU, Singapore) - Oct 2016 – Sept 2022; Lecturer, School of Physical and Mathematical Sciences (SPMS), Nanyang Technological University (NTU, Singapore) - Nov 2012 – Sep 2016; Senior Research Fellow, School of Physical and Mathematical Sciences (SPMS), Nanyang Technological University (NTU, Singapore) - Sep 2010 – Oct 2012; MANA research associate (MANA is the international Center for Material Nanoarchitectonics, one of the 5 premier Centers in Japan) at National Institute for Materials Science –NIMS (3rd most cited Material Institute in the world), Tsukuba, Japan - Jul 2009 – Aug 2010; Research Fellow, Autonomous University of Barcelona (Spain) - Jan 2009 – Jun 2009; Research Assistant, Sapienza University, Rome (Italy) - Oct 2001 – Aug 2003; Chemistry teacher at Regional Institute of Art and Restoration of Rome (Italy) - Apr 2001 – May 2002.

RESEARCH SUMMARY

Key Areas of Research

- Nanomaterials for Homogeneous and Heterogeneous Bioassays
- Electrochemical and Optical Techniques for Bioanalysis
- Nano-biosensing for Food Science and Point of Care Diagnosis

Citation Summary

Database	Citation Count		H-index
	without self-citations	with self-citations	
Web of Science (SCI)	4711	5859	37
Google Scholar	NA	7803	41