

Maurizio Solinas, Ph.D.

Professional Summary

Skilled Researcher enthusiastic about supporting advancement in organic chemistry. Passionate about increasing knowledge to drive growth and needed improvements. Ready to apply knowledge and about 20 years of experience in research.

Accomplishments

- Collaborated with team of researchers at the university of Cagliari in the development of "Chemical synthesis and pharmacological characterisation of new allosteric modulators of the GABA_B receptor: potential new therapeutic agents for various diseases, such as anxiety and drug addiction" RAS CRP-25257, Grant € 150.000; 2012-2014.
- Supervised team of 2 staff members in the project "Synthesis of new ligands for GABA_B receptor" RAS, Grant € 140.000; 2010-2012.
- Scholarship holder "Master&Back" for the project "Multistep synthesis of hydroxylated phenyl and biphenyl compounds as potential anticancer compounds" Grant € 48.000; 2007-2009.

Work history

Consiglio Nazionale delle Ricerche – Istituto di Chimica Biomolecolare – Researcher

Sassari, IT

12/2009 – Current

- Streamlined research processes to meet tight deadlines for multiple projects.
- Designed and executed study approaches.
- Conducted several studies on organic synthesis applied in the field of catalysis and medicinal chemistry.
- Wrote research papers, reports, reviews and summaries regarding organic synthetic chemistry catalysis and medicinal chemistry.

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Skills

- Research program planning
- Advanced synthesis and characterisation
- Data collection and organization
- Experiment design
- Research implementation
- Research grants
- Training and mentoring
- Report generation
- NMR, GC, HPLC, Mass, UV analysis
- Scientific writing
- Written and oral communication

**Consiglio Nazionale delle Ricerche – Istituto di Chimica
Biomolecolare – Postdoctoral Research Fellow**

Sassari, IT

01/2007 – 02/2009

- Contributed to and actively participated in research conception, design and execution to address defined problems.
- Maintained records of research findings with analysis and evaluation of results.

**University of Nottingham – School of Chemistry –
Postdoctoral Researcher**

Nottingham, UK

02/2005 – 12/2006

- Conducted research guided by faculty supervisor in accordance with institutional and federal guideline.
- Published research results in peer-reviewed chemistry journals and presented at seminars and international meetings.
- Contributed to and actively participated in research conception, design and execution to address defined problems.

Education

09/2004

RWTH - Aachen University and Max-Planck-Institut für Kohlenforschung

Ph.D.: Chemistry

- Sehr gut

03/2000

**University of Sassari – Chemistry
Department**

Degree: Organic Chemistry

- 110/110

Languages

- Italian: Native language
- English: Advanced
- German: Basic