

Curriculum Vitae Dr. Giovanni Loriga:

Academical Training

- 1998 Master's degree in Chemistry - University of Sassari (Italy).
2006 PhD Degree in Pharmaceutical Sciences (XVIII Cycle) - University of Genoa (Italy).

Professional experience

- 1999/2002 Temporary research fellow at Neuroscienze Scarl, Pula (CA) (Italy).
2007/2011 Temporary research fellow at National Research Council (CNR), Biomedical Technologies Institute (ITB), Pula (CA) (Italy).
2011/2018 Researcher at National Research Council (CNR), Traslational Pharmacology Institute (IFT), Pula (CA) (Italy).
2012/2014 Head of NMR and Bioanalytical Technologies Platform, Pula (CA) (Italy).
2018/ongoing Researcher at National Research Council (CNR), Biomolecular Chemistry Institute (ICB), Sassari (Italy).

Research works:

Structure-activity relationships (SAR) study of potential antitumoral agents and analgesic compounds.

Preparation of compounds with potential biological activity. Design and synthesis of:

- central nervous system (CNS) active molecules: compounds active on opioid (μ , δ , and κ), cannabinoid (CB₁ and CB₂), and nicotinic receptors ($\alpha_4\beta_2$);
- caspase's inhibitors with potential application against immune and inflammatory disorders;
- "Proteolysis Targeting Chimeras" (PROTACs) as new antiviral agents.

Teaching and tutoring

- 2001/2017 Co-supervisor of several thesis in *Pharmacy* and *Chemistry and Pharmaceutical Technology* master's degrees courses, Department of Pharmacy, University of Sassari (Italy).
2001/2007 Lessons and seminars teacher in *Pharmacy* and *Chemistry and Pharmaceutical Technology* master's degrees courses, Department of Pharmacy, University of Sassari (Italy).

Publications 33

Patents 6