

Curriculum Vitae



Personal information

First name(s) / Surname(s)	Stefano Sabatini		
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Nationality	Italian		
Date of birth	18 August 1971		

Employment and Research Experience

<i>Dates</i>	2015 →
Occupation or position held	Associate Professor in Medicinal Chemistry
Name and address of employer	University of Perugia - Dept. of Pharmaceutical Sciences
Type of business or sector	Teaching and research
<i>Dates</i>	01 January 2004 →
Occupation or position held	Researcher in Medicinal Chemistry
Main activities and responsibilities	1) Design and synthesis of bacterial Efflux Pump Inhibitors (EPIs) active against <i>S. aureus</i> and nontuberculous mycobacteria (NTM) efflux pumps; 2) Design and synthesis of potassium channel openers (KCO) with benzothiazine moiety; 3) Identification of 6-aminoquinolones with potent anti-HIV activity which act through an innovative mechanism of action entailing the Tat-mediate transcription inhibition;
Name and address of employer	University of Perugia - Dept. of Drug Chemistry and Technology
Type of business or sector	Research
<i>Dates</i>	01 March 2004 →
Occupation or position held	Assistant Professor in Medicinal Chemistry
Main activities and responsibilities	Teacher in charge of the "Analysis of Medicines IV" course in the Faculty of Pharmacy
Name and address of employer	University of Perugia
Type of business or sector	Teaching in practical qualitative organic analysis
<i>Dates</i>	01 February 2004 →
Occupation or position held	Assistant professor in Medicinal Chemistry
Main activities and responsibilities	Teacher in charge of the "Complements of pharmaceutical chemistry" course in School of Specialization in Hospital Pharmacy of the Faculty of Pharmacy
Name and address of employer	University of Perugia
Type of business or sector	Teaching on Medicinal Chemistry
<i>Dates</i>	07 January 2009 - 30 April 2009
Occupation or position held	Visiting Researcher
Main activities and responsibilities	Design and synthesis of peptide-PNA conjugates by microwave methodologies as vectors of plasmid DNA through formation of a triple helix (PNA-DNA-PNA) hybrid.
Name and address of employer	University of Edinburgh - School of Chemistry - Prof. Mark Bradley's group
Type of business or sector	Research

Dates **02 November 2001 - 31 October 2003**
Occupation or position held Post-doctoral fellowship in Medicinal Chemistry
Main activities and Design and synthesis of quinolone and acridones chemotherapeutics as
responsibilities antibacterial and antiviral agents.
Name and address of employer University of Perugia - Dept. of Drug Chemistry and Technology
Type of business or sector Research

Dates **01 November 1998 - 31 October 2001**
Occupation or position held Doctorate fellowship
Main activities and Design and synthesis of anti-inflammatory pyrazolobenzothiazines that reduce
responsibilities Tumor Necrosis Factor-alpha (TNF-alpha) production in murine and human
mononuclear cells.
Name and address of employer School of doctorate
University of Perugia - Dept. of Drug Chemistry and Technology
Type of business or sector Research

Dates **01 April 1996 - 31 March 1998**
Occupation or position held Post-graduate fellowship from Mediolanum Pharmaceutical Industry
Main activities and Design and synthesis of new 6-aminoquinolone and 1,6-naphthyridone
responsibilities antibacterials
Name and address of employer University of Perugia - Dept. of Drug Chemistry and Technology
Type of business or sector Research

Education and training

Dates **2001**
Title of qualification awarded Ph.D. in Medicinal Chemistry
Principal subjects / Thesis Title: '1-arylpyrazolobenzothiazine derivatives and flexible analogues as
occupational skills covered potential anti-inflammatory agents'
Name and type of organisation University of Perugia
providing education and training Faculty of Pharmacy

Dates **1996**
Title of qualification awarded Degree in Pharmacy - summa cum laude
Principal subjects / Thesis Title: 'Synthesis and antibacterial activity of new desfluoroquinolones'
occupational skills covered
Name and type of organisation University of Perugia
providing education and training Faculty of Pharmacy

Personal skills and competences

The research activity of Prof. Sabatini aims to the rational design and synthesis, through the application of advanced synthetic methodologies, of new biologically active compounds as well as the optimization through the study of structure-activity relationships, physico-chemical properties, pharmacokinetics and metabolism of compounds of pharmaceutical interest.

The scientific activity is documented by more than sixty scientific publications on qualified peer reviewed international journals and more than 50 communications to national and international conferences and was addressed mainly to the identification of:

- A) *S. aureus* NorA efflux pump inhibitors (EPIs);
- B) nontuberculous mycobacteria (NTM) efflux pumps EPIs (*M. smegmatis* and *M. avium*);
- C) antiviral chemotypes endowed of anti-HIV or anti-HCV activity;
- D) potassium channels activators with a benzothiazine scaffold;
- E) p38- α MAPKinase inhibitors as anti-inflammatory compounds.

Bibliometric Indicators (August 4, 2020)

	Tot. Publications	<i>h</i> -index	Sum of Times Cited
WoS	66	24	1.455
Scopus	67	24	1.530