

PERSONAL INFORMATION **Giacomo Mari**

WORK EXPERIENCE

From 07/2019 at the moment

Researcher

Organic synthesis

- Development of methods for the synthesis of heterocycles
- Development of methods for the synthesis of berberino derivatives
- Berberino derivatives In vitro experiments

From 03/2017 at the moment

Assistant professor

L-13 Biological sciences

- **CHIM/06** Organic Chemistry class

EDUCATION AND TRAINING

From 2015 to 2018

**Università degli Studi di Urbino Carlo Bo
Università di Urbino (IT)**

Phd

- Organic synthesis
- Drug discovery

TRAINING

- Naxospharma srl, Novate Milanese (MI) - Italia

From 2010 to 2014

**Alma mater studiorum
Università di Bologna (IT)**

Master degree LM-42

- Specialization in Organic Chemistry

From 10/ 2013 to 2/2014

**IRB Istituto di ricerca biomedica
Barcellona (SP)**

Training and thesis master's degree

- Solid-phase synthesis of peptidomimetics
- In vitro experiments

From 2007 to 2010

**Alma mater studiorum
Università di Bologna (IT)**

degree in chemistry L-21

From 2002 to 2007

**Istituto tecnico industriale statale "E.Mattei"
Urbino (IT)**

High school graduate

- chemical expert

PERSONAL SKILLS

Mother tongue Italian

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	B1	B1	B1	B2
	CLA Università di Urbino				
Spanish	A2	A2	A2	A2	A2
	Estudio hispánico Universidad de Barcelona				

Digital competence

- Microsoft Office™ tools
- Chemdraw
- MassLynx
- Empower Pro
- Top spin
- MestReNova
- Adobe Illustrator
- Adobe Photoshop

Driving licence B

ADDITIONAL INFORMATION

Publication

- Sequential MCR via Staudinger/Aza-Wittig versus Cycloaddition Reaction to Access Diversely Functionalized 1-Amino-1H-Imidazole-2(3H)-Thiones
C. Ciccolini, G. Mari, G. Favi, F. Mantellini, L. De Crescentini, S. Santeusanio *Molecules* **2019**, 24(20), 3785
- A practical and effective method for the N–N bond cleavage of N-amino-heterocycles
G. Mari, G. Favi, S. Santeusanio, F. Mantellini, L. De Crescentini *Org. Chem. Front.*, **2019**, 6, 3408-3414
- Metal and Oxidant-Free Brønsted Acid-Mediated Cascade Reaction to Substituted Benzofurans
G. Mari, C. Ciccolini, L. De Crescentini, G. Favi, S. Santeusanio, M. Mancinelli, F. Mantellini *J. Org. Chem.* **2019**, 84, 17, 10814–10824
- Front Cover: Targeted Nanoswitchable Inhibitors of Protein–Protein Interactions Involved in Apoptosis
L Nevola, M Varese, A Martín - Quirós, G Mari, K Eckelt, P Gorostiza, **2019** *ChemMedChem* 14 (1), 1
- Targeted Nanoswitchable Inhibitors of Protein–Protein Interactions Involved in Apoptosis
L Nevola, M Varese, A Martín - Quirós, G Mari, K Eckelt, P Gorostiza, *ChemMedChem* **2019** 14 (1), 100-106
- 1,2 - Diaza - 1,3 - dienes - based Multi - component Reactions in Sequential Protocols to Synthesize Arylamino 5 - hydrazono thiophene - 3 carboxylates
Giacomo Mari, Lucia De Crescentini, Gianfranco Favi, Stefania Santeusanio and Fabio Mantellini *European Journal of Organic Chemistry*: **2018**, 46, 6548-6556n
- Synthesis and biological evaluation of novel heteroring-annulated pyrrolino-tetrahydroberberine analogues as antioxidant agents
Giacomo Mari, Simona Catalani, Elena Antonini, Lucia De Crescentini, Fabio Mantellini, Stefania Santeusanio, Paolo Lombardi, Antonella Amicucci, Serafina Battistelli, Serena Benedetti and Francesco Palma *Bioorganic & Medicinal Chemistry*: **2018**, 26(18), 5037–5044
- Assembly of Fully Substituted 2,5-Dihydrothiophenes via a Novel Sequential Multicomponent Reaction
Giacomo Mari, Michele Verboni, Lucia De Crescentini, Gianfranco Favi, Stefania Santeusanio and Fabio Mantellini *Organic Chemistry Frontiers*: **2018**, 5, 2108–2114
- 5-Methylene N-acyl dihydropyridazinium ions as novel Mannich-type acceptors in 1,4 additions of nucleophiles
Giacomo Mari, Lucia De Crescentini, Fabio Mantellini, Stefania Santeusanio and Gianfranco Favi *Organic Chemistry Frontiers*: **2018**, 5, 1308–1311
- Unexpected Synthesis of 2,3,5,6-Tetrahydro-1H-pyrrolo[3,4-c]pyridine-1,3,6-triones by a Double Michael Addition/CS₂ Extrusion/Double Cyclization Sequence
Giacomo Mari, Lucia De Crescentini, Gianfranco Favi, Stefania Santeusanio, Samuele Lillini and Fabio Mantellini *European Journal of Organic Chemistry*: **2017**, 42, 6291–6298
- Heteroring-Annulated Pyrrolino-Tetrahydroberberine Analogues
Giacomo Mari, Lucia De Crescentini, Gianfranco Favi, Paolo Lombardi, Gaetano Fiorillo, Gianluca Giorgi and Prof. Fabio Mantellini *Asian journal of organic chemistry*: **2017**, 6 720–727
- Facile, Odourless, Quantitative Synthesis of 3-Hydroxy-3,4-dihydro-2H-1,4-thiazines
Giacomo Mari, Fabio Mantellini, Gianfranco Favi, Lucia De Crescentini, Stefania Santeusanio and Orazio A. Attanasi. *Asian journal of organic chemistry*: **2016**, 5, 705–709

Conferences and school

ESMEC 2019 European school of medicinal chemistry
 ESMEC 2018 European school of medicinal chemistry
 ESMEC 2017 European school of medicinal chemistry
 ISOS 2017 International summer school on organic synthesis
 ISPROCHEM 2017 International school of process chemistry
 ESMEC 2016 European school of medicinal chemistry
 OSSC 2016 Oxford synthesis summer conference
 MYCS 2016 Merck young chemists symposium
 ESMEC 2015 European school of medicinal chemistry

Urbino, 26/06/2020