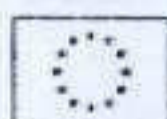


EUROPEAN
CURRICULUM VITAE
FORMAT



PERSONAL INFORMATION

Name

Salvatore Pacifico

Telephone

E-mail

Nationality

Date of birth

WORK EXPERIENCE

- Dates 06/2013-to present
• Name and address of employer Ferrara University, Department of Chemical and Pharmaceutical sciences
• Type of business or sector Organic and Medicinal Chemistry-Synthesis
• Occupation or position held Post-Doctor Research Fellow holder of a Fellowship by Tecnopolo.
• Main activities and responsibilities Study of synthesis of NOP/MOP agonists. (Tutors: Dott. Remo Guerrini and Dott. Claudio Trapella)

- Dates 09/2011-05/2013
• Name and address of employer Ferrara University, Department of Organic Chemistry
• Type of business or sector Organic Chemistry-Synthesis
• Occupation or position held PhD student holder of a Fellowship by FasTech s.r.l.
• Main activities and responsibilities Study of the Capability of Dialkyl and Diaryl α -Diketones to Undergo Reversal Polarity Under NHC Catalysis. (Tutors: Dott. Alessandro Massi and Prof. Olga Bortolini)

- Dates 02/2011 – 08/2011
• Name and address of employer Ronzoni Institute(Institutue for Chemical and Biochemical research)/Politecnico di Milano
• Type of business or sector Organic Chemistry-Synthesis
• Occupation or position held PhD student holder of a Fellowship by Ronzoni institute
• Main activities and responsibilities Synthesis, characterization and biological evaluation of sulfate trimaltose c-c-linked dimers endowed with heparanase and selectin inhibitory activity. (Tutors: Prof. Elena Vismara and Dott. Giangiaco mo Torri)

- Dates 01/2010 – 01/2011
• Name and address of employer Ferrara University, Department of Organic Chemistry
• Type of business or sector Organic Chemistry-Synthesis
• Occupation or position held PhD student holder of a Fellowship founded by "Spinner 2013"
• Main activities and responsibilities Synthesis of ionic liquids from natural substances and glycosilation of amino acids, peptides and macromolecules by photoinduced reaction (Tutors: Prof. Alberto Marra and Prof. Alessandro Dondoni)

- Dates
- Name and address of employer
 - Type of business or sector
 - Occupation or position held
- Main activities and responsibilities

04/2009 – 09/2009

Ferrara University, Department of Pharmaceutical Sciences

Medicinal Chemistry-Synthesis

Graduate student

Synthesis of 7-Oxo-[1,4]oxazino[2,3,4-ij]quinoline-6-carboxamides as Selective CB2 Cannabinoid Full Agonists for the Potential Treatment of Neuropathic Pain. (Tutor: Prof. Pier Giovanni Baraldi)

EDUCATION AND TRAINING

- Dates
- Name and type of organisation providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

21/03/2013

University of Ferrara

Organic Synthesis and Reactivity

PhD Degree in Organic Chemistry

- Date
- Name and type of organisation providing education and training
- Principal subjects/occupational skills covered

27/03/2009

University of Ferrara

Experimental thesis entitled "Design and Synthesis of New 2-Heterocyclyl-imidazo[2,1-i]purin-5-one Derivatives as Potent and Selective Human A3 Adenosine Receptor Antagonists". (Tutor Prof. Pier Giovanni Baraldi)

- Title of qualification awarded

Master Degree in Medicinal Chemistry

PERSONAL SKILLS AND COMPETENCES

Mother tongue

Italian

Other languages

- Reading skills
- Writing skills
- Verbal skills

English: good

English: good

English: good

Didactic Activities

2011-2013 Supervisor (as ex art. 26) to the laboratories of organic chemistry and medicinal chemistry at University of Ferrara.

Supervisor of Masters students at University of Ferrara.

Technical skills and competences

Organic Synthesis methodologies, Liquid phase synthesis, purification techniques, analytical characterization (IR, NMR, UV, Electrospray mass); Design and synthesis of pharmacologically active compounds; Lead compound optimization; Theoretical knowledge of the main pharmacological assays.

Other skills and competences

Certificate for the free profession of pharmacist

Handwritten signature: Roberto De Luca

ORAL COMUNICATIONS

- **Synthesis of S-glycosyl amino acids via photoinduced thiol-ene coupling.** XII meeting-school of carbohydrate chemistry, Pontignano (Si), 20-23 June 2010.
- **Reactivity of dialkyl and diaryl α -diketones with N-heterocyclic carbenes.**

XII Giornata di Chimica dell' Emilia Romagna, Congresso Società Chimica Italiana, Ferrara, 17 December 2012

POSTERS

- **Synthesis of S-glycosyl amino acids via photoinduced thiol-ene coupling.** Pacifico, S.; Lo Conte, M.; Chambery, A.; Marra, A.; Dondoni, A. XII meeting-school of carbohydrate chemistry, Pontignano (Si), 20-23 June 2010.
- **Synthesis, structure and biological activity of sulfate trimaltose C-C-linked dimers.** Vismara E.; Valerio A.; Borsig L.; Vlodayvsky I.; Naggi A.; Pacifico S.; Torri G. XXIV Congresso Nazionale della Società Chimica Italiana, Lecce, 11-16 Settembre 2011.
- **Reactivity of dialkyl and diaryl α -diketones with N-heterocyclic carbenes.** Salvatore Pacifico, Gloria Guidetti, Daniele Ragno, Alessandro Massi, and Olga Bortolini. XXV Congresso Nazionale della Società Chimica Italiana, Pavia, 10-14 Settembre 2012

PUBLICATIONS

- **Photoinduced Addition of Glycosyl Thiols to Alkynyl Peptides: Use of Free-Radical Thiol-Yne Coupling for Post-translational Bis-glycosylation of Peptides.** Lo Conte, M.; Pacifico, S.; Chambery, A.; Marra, A.; Dondoni, A. *J. Org. Chem.* **2010**, *75*, 4644-4647.
- **Synthesis of S-glycosyl amino acids and S-glycopeptides via photoinduced click thiol-ene coupling.** Fiore, M.; Lo Conte, M.; Pacifico, S.; Marra, A.; Dondoni, A. *Tetrahedron Letters*, **2011**, *52*, 444-447.
- **Thiazolium-Catalyzed Intermolecular Stetter Reaction of linear and cyclic alkyl α -diketones.** Olga Bortolini, Giancarlo Fantin, Marco Fogagnolo, Pier Paolo Giovannini, Alessandro Massi, and Salvatore Pacifico. *Organic & Biomolecular Chemistry*, **2011**, *9*(24), 8437-8444.
- **α -Diketones as acyl anion equivalents: a non-enzymatic thiamine-promoted route to aldehyde-ketone coupling in PEG400 as recyclable medium.** Giancarlo Fantin, Marco Fogagnolo, Pier Paolo Giovannini, Salvatore Pacifico, Valentina Venturi, Alessandro Massi, and Olga Bortolini. *Tetrahedron*, **2011**, *67*(42), 8110-8115.
- **Unexpected reactivity of diaryl α -diketones with thiazolium carbenes: discovery of a novel multicomponent reaction for the facile synthesis of 1,4-thiazin-3-ones.** Valerio Bertolasi, Olga Bortolini, Adelaide Donvito, Giancarlo Fantin, Marco Fogagnolo, Pier Paolo Giovannini, Alessandro Massi, and Salvatore Pacifico. *Org. Biomol. Chem.*, **2012**, *10*, 6579-86.
- **Thiazolium-Functionalized Polystyrene Monolithic Microreactors for Continuous-Flow Umpolung Catalysis.** Olga Bortolini, Alberto Cavazzini, Paolo Dambruoso, Pier Paolo Giovannini, Lorenzo Cacioli, Alessandro Massi, Salvatore Pacifico and Daniele Ragno. *Green Chem.*, **2013**, *15*, 2981-2992.
- **Methylsulfinyl (Dimsyl) Anion as Umpolung Catalyst for the Chemoselective Cross Benzoin Reaction of α -Diketones with Aldehydes.** Olga Bortolini, Giancarlo Fantin, Valeria Ferretti, Marco Fogagnolo, Pier Paolo Giovannini, Alessandro Massi, Salvatore Pacifico and Daniele Ragno *Adv. Synth. Catal.* **2013**, *355*, 3244 - 3252