

Curriculum Vitae of Graduate Student (U-GS)

Personal information

First name(s) / **Martina Nardi**

Date of birth **Jan 8, 1990**

Education and training

Dates **April- July 2017**
Graduate Program joined **PhD student visitor**
Name and type of organisation providing education and training **Under the supervision of Prof. Ruth Gschwind, University of Regensburg (Germany)-Institut für Organische Chemie**
Principal subjects/occupational skills covered **NMR study of photoisomerization of 2-(hydroxyimino)aldehydes
NMR relaxation study of copolymer bearing oxime and 2-(hydroxyimino)aldehyde group in aqueous solution
Organocatalytic synthesis of enynes**

Dates **29 January- 3 February 2017**
Title **E-WISPOC 2017 – Sensors And Receptors Bressanone**
Flash communication and poster entitled "2-hydroxyimino-aldehydes: synthesis, characterization and first application study of new compound with high versatility"

Dates **06-10 June 2016**
Title **7th National Introductory Course on Photochemistry**
Name and type of organisation providing education and training **Bologna University – Chemistry Department " G. Ciamician"**

Dates **November 2015-present**
Graduate Program joined **PhD program in Chemistry "Scuola di Dottorato in Scienze Chimiche, XXXI Ciclo"**
Principal subjects/occupational skills covered **Synthesis and characterization of novel methacrylic derivatives and their copolymers
GC-FID, GC-MS, HPLC, UV-Vis, FT-IR, GPC, ¹H- and ¹³C-NMR.**
Name and type of organisation providing education and training **Under the supervision of Prof. Patrizia Gentili, Sapienza Università di Roma – Chemistry Department.**

Dates **May 2015**
Title of qualification awarded **Master's degree in Chemistry, top marks (110/110) (Laurea Magistrale in Chimica)**
Principal subjects/ skills covered **Synthesis and structural characterization of organic compounds through spectroscopic techniques. MS internship on synthesis, characterization and reactivity of non-heme iron complexes in the oxidation of non-activated C-H bonds in organic compounds.
Physical and Physical-organic Chemistry; Organic synthesis; Bio-inorganic chemistry; Electrochemistry; X-Ray diffraction; ¹H- and ¹³C-NMR; Chemometrics.**
Name and type of organisation providing education and training **MS internship under the supervision of Prof. Stefano Di Stefano, Sapienza Università di Roma – Chemistry Department.**

Dates **January - July 2013**
Title of qualification awarded **Lifelong learning program/ Erasmus (B+)**
Principal subjects/ skills covered **NMR, (Bio) molecular spectroscopy, Advanced Spectroscopy**
Name and type of organisation providing education and training **University of Amsterdam (UvA), Amsterdam, The Netherlands**

Dates **January 2013**

Martina Nardi

Title of qualification awarded **Bachelor's degree, top marks (110/110) (Laurea Triennale in Chimica)**

Principal subjects/skills covered Organic chemistry; Physical chemistry; Analytical chemistry; Inorganic chemistry; Biochemistry; Calculus; Physics. BS internship on the synthesis of an acyclic precursor for the study of the template effect in the formation of a cyclophane containing dipyridinium and p-phenylene units.

Name and type of organisation providing education and training BS internship under the supervision of Prof. Paolo Mencarelli, Sapienza Università di Roma – Chemistry Department.

Other language(s): English

Reading Good
Listening Good
Writing Good

Publications

G. Olivo, M. Nardi, D. Vidal, A. Barbieri, A. Lapi, L. Gomez, O. Lanzalunga, M. Costas, and S. Di Stefano "C-H Bond Oxidation Catalyzed by an Imine-Based Iron Complex: A Mechanistic Insight" *Inorg. Chem.*, 54 (21), 10141–10152, 2015.

M. Nardi, F. D'Acunzo, M. Clemente, G. Proietti and P. Gentili "A first study on copolymers of a methacrylate containing the 2-(hydroxyimino)aldehyde group and OEGMA. RAFT polymerization and assessment of thermal and photoresponsive polymer behavior" *Polymer Chemistry*, 8, 4233, 2017.

Conferences

VII Convegno Giovani, Rome, June 2016

Poster communication entitled "*2-(idrossiimino)aldeidi: sintesi e caratterizzazione di nuove molecole ad elevata versatilità*"

Young Chemist symposium, Rimini, October 2016

Flash Communication entitled "*2-hydroxyimino-aldehyde: synthesis and characterization of new compound with high versatility*"

Mipol2018, Milano, February 2018

Poster communication entitled "*2-(hydroxyimino)aldehydes: a versatile functional group for new multi-stimuli responsive polymethacrylates*" (**Best Poster Awards**)

paolo nardi