



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **Carlotta Raviola**
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E-mail carlotta.raviola01@universitadipavia.it
Nationality Italian
Date of birth 13/01/1988
Gender female

Work experience

Dates From November 2011
Occupation or position held PHd student in Organic Chemistry
Main activities and responsibilities Photogeneration of aryl cation used to both the formation of aryl-C bond and as a source of new intermediates (e.g. α ,n-didehydrotoluenes).

Name and address of employer University of Pavia-12, Viale Taramelli 27100, Pavia (PV), Italy
Type of business or sector Education

Dates July 2013
Occupation or position held Tutor
Main activities and responsibilities Tutor for three students interns within "Progetto Lauree Scientifiche (PLS)".
Name and address of employer University of Pavia- 12, Viale Taramelli 27100, Pavia (PV), Italy
Type of business or sector Education

Dates March-June 2013
Occupation or position held Tutor
Main activities and responsibilities Theoretical course of Organic Chemistry II (for degree in chemistry), Laboratory of Polymers (for degree in chemistry)
Name and address of employer University of Pavia- 12, Viale Taramelli 27100, Pavia (PV), Italy
Type of business or sector Education

Dates February 2013
Occupation or position held Tutor
Main activities and responsibilities Tutor for high school students within "Progetto Lauree Scientifiche (PLS)"
Name and address of employer University of Pavia-12, Viale Taramelli 27100, Pavia (PV), Italy
Type of business or sector Education

Dates December 2012
Occupation or position held Tutor
Main activities and responsibilities Laboratory of Polymers (for degree in biotechnology)
Name and address of employer University of Pavia- 12, Viale Taramelli 27100, Pavia (PV), Italy
Type of business or sector Education

Dates June 2012
Occupation or position held Tutor
Main activities and responsibilities Tutor for three students interns within "Progetto Lauree Scientifiche (PLS)". The students have won third prize with the report "I polimeri".
Name and address of employer University of Pavia-12, Viale Taramelli 27100, Pavia (PV), Italy
Type of business or sector Education

Dates April 2012
Occupation or position held Tutor
Main activities and responsibilities Laboratory of Polymers (for degree in chemistry)
Name and address of employer University of Pavia- 12, Viale Taramelli 27100, Pavia (PV), Italy
Type of business or sector Education

Dates 2010-2011
Occupation or position held Tutor
Main activities and responsibilities Inorganic Chemistry Course (for degree in geology); Assistance to the student in orientation activity, Analytical Chemistry and Laboratory, Laboratory of Inorganic Chemistry II (for degree in chemistry); Organic Chemistry course (for degree in biotechnology).
Name and address of employer University of Pavia-12, Viale Taramelli 27100, Pavia (PV), Italy
Type of business or sector Education

Dates 2009-2010
Occupation or position held Tutor
Main activities and responsibilities Laboratory of Physical Chemistry I (for degree in chemistry)
Name and address of employer University of Pavia-12, Viale Taramelli 27100, Pavia (PV), Italy
Type of business or sector Education

Education and training

Dates	07-2011
Title of qualification awarded	Degree in Chemistry, Results 110/110 cum laude
Principal subjects/occupational skills covered	Photochemistry, supervisor Agelo Albini, title of thesis " Nuovi precursori per processi di arilazione via fenil catione".
Name and type of organisation providing education and training	University of Pavia
Level in national or international classification	Degree
Dates	07-2009
Title of qualification awarded	Degree in Chemical Sciences, Results 110/110
Principal subjects/occupational skills covered	Photochemistry, supervisor Angelo Albini, title of thesis " Alchilazione di aromatici via trasferimento di elettrone fotoindotto".
Name and type of organisation providing education and training	University of Pavia
Level in national or international classification	Degree
Dates	2005-2006
Title of qualification awarded	Secondary school diploma, Results 100/100
Principal subjects/occupational skills covered	Italian, latin, greek, english, math, science
Name and type of organisation providing education and training	Liceo Classico San Giorgio, Via Menocchio, 26 - 27100 Pavia (PV)
Level in national or international classification	Secondary school diploma

Personal skills and competences

Mother tongue(s) Italian

Other language(s)	English				
Self-assessment	Understanding		Speaking		Writing
<i>European level</i>	Listening	Reading	Spoken interaction	Spoken production	
Language	good	good	good	good	good

Social skills and competences

I can relate with colleagues, taking the greatest availability specifications.

Organisational skills and competences

I am able to organize the work setting priorities.

Technical skills and competences

I am able to use UV spectrophotometer, spectrofluorometer, IR and NMR spectrometer, gas chromatograph; I am able to interpret IR spectra, ¹H-NMR, ¹³C-NMR, mass spectra.

Computer skills and competences

I am able to use the Office package (Word, Excel, Power Point), the program "Chem Draw", "Gaussian" and "GaussView" and perform literature searches with "Scifinder" and "Reaxis."

Artistic skills and competences

I practiced classical ballet for ten years with overcoming examination of class 4 of the "Russian Ballet Association."

I attended fitness classes for five years

I currently swimming

Driving licence

B

Scientific Activities

Meetings

October 2013 I attend "Sigma-Aldrich Young Chemists Symposium" with the communication "Transition metal-free photoactivation of Ar-OS (ArO-S) bond in aryl nonaflates"

November 2012- I attend the conference " Nuovi orientamenti nella sintesi organica"

October 2012- I attend " Italian Photochemistry Meeting" with the poster "Acetalization as a tool to promote Ar-Cl bond photoheterolytic cleavage in chlorobenzaldehydes and acetophenones".

September 2012-I attend " XXXIV Congresso della Divisione di Chimica Organica (Congresso SCI)" with the poster "(Trimethylsilyl)methyl-chloroanisoles as new precursors for the photochemical generation of a,n-didehydrotoluenes".

June 2012- I attend the international course "New Concepts in Catalysis" with the poster "Acetalization as a tool to promote Ar-Cl bond photoheterolytic cleavage in chlorobenzaldehydes and acetophenones".

November 2010- I attend the conference " Nuovi orientamenti nella sintesi organica-25 anni"

Publications

Raviola, C.; Protti, S.; Ravelli, D.; Mella, M.; Albini, A.; Fagnoni, M. *J. Org. Chem.*, **2012**, 77, 9094-9101;

Qrareya, H.; Raviola, C.; Protti, S.; Fagnoni, M.; Albini, A. *J. Org. Chem.* **2013**, 78, 6016-6024;

Raviola, C.; Canevari, V.; Protti, S.; Albini, A.; Fagnoni, M. *Green. Chem.* **2013**, 15, 2704-2708.