

EUROPEAN  
CURRICULUM VITAE  
FORMAT



PERSONAL INFORMATION

Name  
Address  
Telephone  
E-mail  
Nationality  
Date of birth

[ PAGANO, Angela ]

Italian

EDUCATION AND TRAINING

• from November 1<sup>st</sup>, 2016 – to  
October 31<sup>st</sup> 2019

Doctor of Philosophy in “Sciences and Technologies of Chemistry and Materials” –  
XXXII cycle – Curriculum: Chemical Sciences and Technologies

University of Genoa, Department of Chemistry and Industrial Chemistry (DCCI)

Ph.D. Thesis Title: “Nitroheteroaromatics via Annulation with Nitro-1,3-butadienes: Synthesis  
and Applications” - Supervisor Prof. Giovanni Petrillo (University of Genoa)

• October 15<sup>th</sup> – Aprile 12<sup>th</sup>

Erasmus+ Mobility for Traineeship at the Department of Chemistry of University of  
York (U.K.) under the supervision of Dr. William Unsworth

Traineeship title: “New catalytic methods for the preparation of heterocycles and  
spirocycles”

• July 20<sup>th</sup> – 2016

*Master Degree in Chemical Sciences 110/110 cum laude*

University of the Study of Basilicata, Department of Science, Italy

Thesis Title: “Synthesis and Biological Activity of potential HIV-1 Protease Inhibitors”  
Supervisor Prof. Maria Funicello (University of the Study of Basilicata), co-supervisor Maria F.  
Armentano (University of the Study of Basilicata)

Main subjects covered: Organic Chemistry courses, such as Organic Synthesis,  
Stereochemistry, Special Organic Chemistry Techniques and Synthesis, Heterocyclic  
Chemistry, Physical Methods in Organic Chemistry and also some Inorganic, Analytical  
and Physical Chemistry courses

• December 18<sup>th</sup>, 2013

Bachelor degree in Chemistry 110/110

University of the Study of Basilicata, Department of Science, Italy

Thesis Title: "Evaluation of spectrophotometric quality indices of vegetable oils"  
Supervisor Prof. Giuliana Bianco (University of the Study of Basilicata)

Main subjects covered: basic chemistry, mathematics and physics courses, some specific organic chemistry courses such as Bioorganic Chemistry, Applied Organic Chemistry and Organic Chemistry of Natural Compounds

## PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE

[ Italian ]

OTHER LANGUAGES

[ English ]

- Reading skills
- Writing skills
- Verbal skills

[ good ]

[ good ]

[ fluent ]

JOB- RELATED SKILLS

- organic synthesis
- purification of organic compounds (chromatography, distillation and precipitation)
- characterization of organic compounds (GC-MS, <sup>1</sup>H-NMR, <sup>13</sup>C-NMR and bidimensional NMR experiments)

TECHNICAL SKILLS  
AND COMPETENCES

- good command of Microsoft Office™ tools
- good command of ChemDraw, Scifinder, Reaxys, MestReNova

## ADDITIONAL INFORMATION

CONFERENCES/SCHOOLS

- 10<sup>th</sup> Eurasian Meeting on Heterocyclic Chemistry, September 15<sup>th</sup>-19<sup>th</sup> 2019, Milano Marittima (Italy).
- XXXIX Convegno Nazionale della Divisione di Chimica Organica della Società Chimica Italiana, September 8<sup>th</sup>-12<sup>th</sup> 2019, Torino (Italy).
- XLIV Edition of the "A. Corbella International Summer School on Organic Synthesis [Gargnano (BS), Italy] [June 9<sup>th</sup>-13<sup>th</sup>, 2019]
- North East - Organic Division Regional meeting [York, United Kingdom] [March 27<sup>th</sup> 2019]
- Ischia Advanced School of Organic Chemistry [Naples (NA) Italy] [September 22<sup>nd</sup>-25<sup>th</sup> 2018].
- XXII International Conference on Organic Synthesis [Firenze (FI) Italy] [September 16<sup>th</sup>- 21<sup>st</sup> 2018]
- XII Spanish-Italian Symposium on Organic Chemistry [Ferrara (FE) Italy] [July 2<sup>nd</sup>-4<sup>th</sup> 2018]
- Giornate Italo-Francesi di Chimica [Genova (GE) Italy] [April 16<sup>th</sup>-18<sup>th</sup>, 2018]
- Merck Young Chemists Symposium [Milano Marittima (RA), Italy] [November 13<sup>th</sup>-15<sup>th</sup>, 2017].
- Giornata della Chimica Ligure [Genova, Italy] [October 20<sup>th</sup> 2017].
- XXVI Congresso Nazionale della Società Chimica Italiana [Paestum (SA), Italy] [September 10<sup>th</sup>-14<sup>th</sup>, 2017]
- XLII Edition of the "A. Corbella International Summer School on Organic Synthesis (ISOS) [Gargnano (BS), Italy] [June 18<sup>th</sup>-22<sup>nd</sup>, 2017]

## ORAL COMMUNICATIONS

- Pagano, A.; Mancinelli, M.; Bianchi, L.; Maccagno, M.; Petrillo, G.; Tavani, C. "Conjugate Dinitrobutadienes As Valuable C4 Building-Blocks For The [4+2] Benzannulation Of Pyrrole" – ISOS, 2019, Gargnano (BS), Italy
- Bianchi L., Giorgi G., Maccagno M., Pagano A., Petrillo G., Tavani C. "Nitrobutadienes: suitable substrates for the original synthesis of novel polyfunctional indole derivatives" - Giornate Italo-Francesi di Chimica, 2018, Genova(GE), Italy.
- Bianchi L., Giorgi G., Maccagno M., Pagano A., Petrillo G., Tavani C. "From dinitrobutadiene building-blocks to nitroindoles: an appealing access to otherwise not easily attainable functionalized heterocycles" - Merck Young Chemists Symposium, 2017, Milano Marittima (RA), Italy.
- Bianchi L., Giorgi G., Maccagno M., Pagano A., Petrillo G., Tavani C. "An appealing access to otherwise not easily attainable nitro-functionalized indoles" - Giornata della Chimica Ligure, 2017, Genova(GE), Italy.

## POSTERS

- Pagano A., Ho H. E., Taylor R. J. K., Unsworth W. P. "Visible-Light-induced Intramolecular Charge Transfer in the Radical Spirocyclization of Indole-tethered Ynones" - 10<sup>th</sup> Eurasian Meeting on Heterocyclic Chemistry, September 15<sup>th</sup>-19<sup>th</sup> 2019, Milano Marittima (Italy).
- Pagano A., Ho H. E., Taylor R. J. K., Unsworth W. P. "Visible-Light Promoted Dearomatizing Spirocyclizations of Ynone-Tethered Indoles" - XXXIX Convegno Nazionale della Divisione di Chimica Organica della Società Chimica Italiana, September 8<sup>th</sup>-12<sup>th</sup> 2019, Torino (Italy).
- Pagano A., Petrillo G. "Unprecedented nitroindoles as the result of an original benzannulation onto pyrrole with nitrobutadienes" - North East - Organic Division Regional meeting, March 27<sup>th</sup> 2019, York (YO) United Kingdom.
- Pagano A., Mazzanti A., Petrillo G., Mancinelli M. "From dinitrobutadienes to dinitroindoles: an original access to vicinal diamines" - Ischia Advanced School of Organic Chemistry, September 22<sup>nd</sup>-25<sup>th</sup> 2018, Naples (NA), Italy.
- Bianchi L., Maccagno M., Pagano A., Petrillo G., Tavani C. "Nitrobutadienes as appealing building-blocks in organic synthesis" - XXII International Conference on Organic Synthesis, September 16<sup>th</sup>- 21<sup>st</sup> 2018, Firenze (FI), Italy.
- Bianchi L., Giorgi G., Maccagno M., Pagano A., Petrillo G., Tavani C. "Polyfunctional indole scaffolds from nitrobutadienes: an original benzannulation onto pyrrole" – XII Spanish-Italian Symposium on Organic Chemistry, July 2<sup>nd</sup>-4<sup>th</sup> 2018, Ferrara (FE), Italy.
- Bianchi L., Giorgi G., Maccagno M., Pagano A., Petrillo G., Tavani C. "Synthesis of nitro-functionalized N-heteroaromatic condensed systems" - XXVI Congresso Nazionale della Società Chimica Italiana, September 10<sup>th</sup>-14<sup>th</sup>, 2017, Paestum (SA), Italy.

## PAPERS

- Benzi, A.; Bianchi, L.; Maccagno, M.; Pagano, A.; Petrillo, G.; Tavani, C. *Molecules*, **2019**, *24*, 3802.
- Pagano, A.; Mancinelli, M.; Bianchi, L.; Giorgi, G.; Maccagno, M.; Petrillo, G.; Tavani, C. *Tetrahedron*, **2019**, *75*, 4506-4515.
- Pagano, A.; Marotta, E.; Mazzanti, A.; Petrillo, G.; Tavani, C.; Mancinelli, M. *Synlett*, **2018**, *29*, 2161-2166

## HONORS AND AWARDS

- First Poster Award at XXXIX Convegno Nazionale della Divisione di Chimica Organica della Società Chimica Italiana (September 8<sup>th</sup>-12<sup>th</sup> 2019, Torino, Italy) sponsored by EurJOC

## JOB-RELATED ACTIVITIES

- Organizing Committee member of the X Eurasian Meeting on Heterocyclic Chemistry (EAMHC-2019) organized by the Ligurian Section of the Società Chimica Italiana (SCI), September 15<sup>th</sup>-19<sup>th</sup> 2019, Milano Marittima-Cervia (Ravenna), Italy  
<http://www.sciliguria.it/EAMHC2019/>
- Lab teaching assistant of the class "Organic Chemistry and Laboratory", Bachelor Degree in Chemistry and Chemical Technologies, Department of Chemistry and Industrial Chemistry (University of Genoa), academic year 2016/17 and 2017/18 [30 hours each academic year]
- Co-supervisor of Master and Bachelor students at University of Genoa, Department of Chemistry and Industrial Chemistry (DCCI) from 2017