

## CURRICULUM VITAE

Prof. Alessandro Palmieri (ORCID: 0000-0001-6599-3937)

### ACADEMIC ACHIEVEMENTS

- 2002** Laurea degree cum laude at the University of Camerino (I), with the dissertation thesis on *Study of the allylation reaction of aldehydes with allyltributyltin promoted by CeCl<sub>3</sub>·7H<sub>2</sub>O-NaI system in acetonitrile*. Supervisor Prof. Enrico Marcantoni.
- 2002-2004** Postgraduate fellowship - University of Camerino (I)  
Two years research project on the *Synthesis of natural products with important biological activities*. Supervisor Prof. Roberto Ballini.
- 2004-2007** In May 2007 (02/05/2007) he received the PhD degree in Chemical Sciences at the University of Camerino (I), with the dissertation thesis on *Study of eco-friendly conditions and processes in the formation of new C-C bonds by stabilized carbanions*.
- 2007-2010** Postdoctoral Fellow - University of Camerino (I).  
During this period he focused his attention on the preparation and utilization of solid supported reagents and use of one-pot processes for a sustainable chemical production.
- 2008** Visiting Postdoctoral Fellow at the *Innovative Technology Center* laboratory of the Chemistry Department of the University of Cambridge (UK). Supervisor Prof. S.V. Ley.
- 2010-2013** Assistant Professor and officer for mentoring of students in Chemical Sciences. School of Science and Technology - University of Camerino (I)  
During this period he focused his attention on the synthesis and derivatization of the most important aromatic and heteroaromatic systems.
- 2014** Postdoctoral Fellow - University of Camerino (I).  
Since 01 January to 30 October 2014 he held a postdoctoral fellowship focused to the implementation *Innovative synthetic tools for a sustainable chemical production*.
- 2014-2020** Coordinator of the PhD curriculum in Chemical Sciences
- 2014** → Associate Professor in Organic Chemistry at the University of Camerino
- 2018** National Scientific Habilitation as Full Professor for Organic Chemistry
- 2020** → Delegate for the “International Mobility and ERASMUS” – Chemistry Division of the University of Camerino
- 2021** → Elected President of the Società Chimica Italiana – Marche Section.

### RESEARCH INTERESTS

- Study of new eco-friendly processes in the formation of new C-C and C-Heteroatom bonds.
- Development of new one-pot reactions mainly focused to the synthesis of the most important aromatic and heteroaromatic systems.
- Preparation and use of solid supported systems aimed to the formation of new C-C and C=C bonds.
- Study of new flow chemical protocols for the synthesis of highly functionalized molecules.

Prof. Palmieri is co-author of 132 publications, including 23 review articles, on leading international journals (H-factor = 31), 4 book chapters and a book titled: *Nitroalkanes: Synthesis, Reactivity and Application* (2021) and co-editor of the book: *Sustainable Organic Synthesis: Tools and Strategies* (2021). He has been guest Editor for *Molecules* for the special issues: “*Recent Synthetic Aspects on the Chemistry of Nitro, Nitroso and Amino Compounds*” and “*Recent Synthetic Aspects on the Chemistry of Nitro, Nitroso and Amino Compounds II*”. Sum of the times cited of 3619 (Scopus).

## FURTHER INFORMATION

*Member of the organizing committee of:*

- 2022** 2nd Virtual Symposium for Young Organic Chemists, SCI-ViSYOChem, 24-27 October.
- 2021** 1<sup>st</sup> XIII Edition of the International School of Organometallic Chemistry, EuCheMS, 1-3 September, online edition.
- 2020** 1<sup>st</sup> Virtual Symposium for Young Organic Chemists, SCI-ViSYOChem, 3-6 November.
- 2019** XII Edition of the International School of Organometallic Chemistry, EuCheMS, 31 August - 4 September, Camerino (I).
- 2017** XI Edition of the International School of Organometallic Chemistry, EuCheMS, 2-6 September, San Benedetto del Tronto (I).
- 2010** XXXIII Convegno Nazionale della Divisione di Chimica Organica della Società Chimica Italiana, 12-16 September, San Benedetto del Tronto (I).
- 2006** XXV TUMA Convegno Interregionale della Società Chimica Italiana, 29 June - 1 July, Camerino (I).

## AWARDS

- 2007** *Vincenzo Caglioti prize for chemistry*. The prize is for Italian or foreign scholars under 35 years of age, who have carried out research in a sector of Chemistry. The prize is an initiative of the Accademia Nazionale dei Lincei with the contribution of Fondazione Guido Donegani and the Accademia Nazionale delle Scienze.
- 2011** *Giacomo Ciamician medal*. The award is given to scholars under 35 years of age, by the Organic Chemistry Division of the Italian Chemical Society for original researches in the field of organic chemistry.

## INVITED PARTICIPATION IN CONFERENCES

- 2017** Invited lecturer to the Third China-Italy Bilateral Symposium on Organic Chemistry, April 26-29, Wuhan (China).  *$\beta$ -Nitroacrylates and One-pot Reactions: Useful Combination for Heterocyclic Systems Generation*.
- 2016** Invited lecturer (keynote) to the XXVII Congresso Nazionale della Società Chimica Italiana, September 18-22, Venezia (I).  *$\beta$ -Nitroacrylates as useful precursor of heterocyclic systems under sustainable reaction conditions*.
- 2012** Invitation to the 47<sup>th</sup> EUCHEM Conference on Stereochemistry - Bürgenstock Conference, April 29 - May 4, Brunnen (CH), as part of the Junior Scientists Participation program, which supports young promising European scientists.
- 2012** Invited lecturer to the European Association for Chemical and Molecular Sciences (EuCheMS) Organic Division Young Investigator Workshop, August 23-26 2012, Vienna (A).  *$\beta$ -Nitroacrylates Key Molecules for the Eco-Friendly Synthesis of Heterocycles*.
- 2011** Invited lecturer (keynote) to the XXIV Congresso Nazionale della Società Chimica Italiana, September 11-16, Lecce (I). *Nitro Compounds and One-Pot Processes: Useful Combination in Organic Synthesis*.

## GRANTED RESEARCH PROJECTS

- 2010** Alessandro Palmieri is recipient of the national project FIRB under 32 grant "Futuro in ricerca 2008" (code RBFR08J78Q) entitled "New generation methodologies in the formation of new carbon-carbon and carbon-heteroatom bonds under eco-friendly" (€.719.000).

## TEACHING ACTIVITY

- *Green Chemistry*. Teaching course in Chemistry and Advanced Chemical Methodologies, Class LM54. 2010/11 (28h) 2012/13 (35h) - 2013/14 (35h) - 2014/15 (35h) - 2015/16 (41h) - 2016/17 (41h) - 2017/18 - 2018/19 (41h).
- *Laboratory of Synthesis (organic chemistry part)*. Teaching course in Chemistry and Advanced Chemical Methodologies, Class LM54. 2018/19 (30h) - 2019/20 (30h) - 2020/21 (30h) - 2021/22 (30h) - 2022/23 (40h).
- *Green Organic Chemistry*. Teaching course in Chemistry and Advanced Chemical Methodologies, Class LM54. 2019/20 (41h) - 2020/21 (41h) - 2021/22 (41h) - 2022/23 (41h).
- *Chimica Organica*. Teaching course in Nutritional Biology, Class L13. 2015/2016 (42h) - 2016/17 (42h) - 2017/18 (42h) - 2018/19 (42h) - 2019/20 (42h) - 2020/21 (42h).
- *Chimica Organica*. Teaching course in Chemistry, Class L27. 2020/21 (64h) - 2021/22 (64h) - 2022/23 (63h).
- *Industrial and Advanced Synthesis of Biologically Active Compounds (Module I)*. Teaching course in Chemistry and advanced chemical methodologies, Class LM54. 2010/2011 (21h) - 2012/2013 (14h) - 2013/2014 (14h) - 2014/2015 (14h) - 2015/2016 (14h) - 2016/2017 (14h).
- *Chimica Organica 2 e laboratorio (modulo di laboratorio di chimica organica 2)*. Teaching course in Chemistry, Class L27. 2011/2012 (44h) - 2012/2013 (36h) - 2018/19 (10h) - 19/20 (10h).
- *Chimica Organica Biologica*. Teaching Course in Chemistry and advanced chemical methodologies, Class 62/M. 2009/2010 (28h).
- *Sintesi Industriale di Composti Biologicamente Attivi*. Teaching course in Chemistry and advanced chemical methodologies, Class 62/M. 2008/2009 (28h).