

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 $CeCl_3 \cdot 7H_2O$ -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** 1st XIII Edition of the International School of Organometallic Chemistry, EuCheMS, 1-3 September, online edition.
- 2020** 1st 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). *β -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). *β -Nitroacrylates as useful precursor of heterocyclic systems under sustainable reaction conditions*.
- 2012** Invitation to the 47th 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). *β -Nitroacrilates 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).