

ESR 03 – DEL VECCHIO Antonio

Email address: [dlvntn.92@gmail.com/](mailto:dlvntn.92@gmail.com)

Antonio.DELVECCHIO@CEA.fr

Date of birth: 10 Avril 1992

Nationality: Italian



Current position

From 10/2016: Marie Curie - Early Stage Researcher in organic chemistry as part of the ISOTOPICS project (H2020-MSCA-ITN, Grant agreement N°675071).

PhD title: New Methodologies for the Late Stage Labeling of Drug Candidates

Supervisor: Dr. Frédéric Taran, Dr. Davide Audisio

Laboratory: Carbon-14 labeling laboratory

Organisation: CEA

PhD awarding University: Paris-Saclay University

Work experiences

03/2016 – 09/2016: Traineeship, Supervisor: Dr. Fabrizio Micheli, Drug Design and Medicinal Chemistry Department, Aptuit research Center, Verona (Italy).

10/2014 – 07/2015: Student researcher, Supervisor: Prof Vinicio Zanirato, Department of Organic Chemistry, University of Ferrara, Italy

Education

09/2010 – 07/2015: Master in Chemistry and Pharmaceutical Technology; Mark: 110/110

09/2005 – 07/2010: Maturità Scientifica PNI (Piano Nazionale di Informatica); Liceo Scientifico Statale "G. Galilei", Manfredonia, Italy.

Secondments during ISOTOPICS

- 10/2017 – 11/2017 (5 weeks): Subject: [11C] labelling of Drug Candidates; Supervisor: Prof. Christer Halldin (and Dr. Magnus Schou, AZ beneficiary) Dept. of Psychiatry, Karolinska Institutet (Stockholm, Sweden).
- 01/2019-03/2019 (11 weeks): Subject: [14C] labeling of Peptides; Supervisor: Dr. Volker Derdau, Isotopic Chemistry, Integrated Drug Discovery, Industriepark Höchst, (Frankfurt am Main, Germany).

Trainings during ISOTOPICS

11/2016 (3 days): 1st ISOTOPICS training, CEA (Saclay, France)

04/2017 (4 days): 2nd ISOTOPICS training, SANOFI (Frankfurt, Germany)
11/2017 (4,5 days): 3rd ISOTOPICS training, University of Liège (Liège, Belgium)
09/2018 (5 days): 4th ISOTOPICS training, Karolinska Institutet (Stockholm, Sweden)
11/03/2019 (5 days): 5th ISOTOPICS training, Oxford University (Oxford, United Kingdom)

Dissemination and communication actions during ISOTOPICS

11/2016: 1st ISOTOPICS meeting, CEA (Saclay, France)
04/2017: 2nd ISOTOPICS meeting, SANOFI (Frankfurt, Germany)
11/2017: 3rd ISOTOPICS meeting, University of Liège (Liège, Belgium)
09/2018: 4th ISOTOPICS meeting, Karolinska Institutet (Stockholm, Sweden)
03/2019: 5th ISOTOPICS meeting, Oxford University (Oxford, United Kingdom)

10/2018: “New Methodologies for the Labeling of Drug Candidates”, (oral communication), **Journée de l’Ecole Doctorale 2MIB**, Orsay (France)

06/2018: “CO₂ Fixation for Late Stage Labeling of Drug Candidates”, (oral communication), **13th International Symposium on the Synthesis and Applications of Isotopes and Isotopically Labeled Compounds, Prague**, (Czech Republic).

04/2018: “CO₂ Fixation for Late Stage Labeling of Drug Candidates”, (oral communication), **First International Symposium on Drug Discovery and New Therapeutics**, University of Paris-Saclay, Paris, France.

09/2018: “Late-Stage Carbon Labeling of Pharmaceutically Active Ureas from CO₂”, (poster presentation), **22nd International Conference on Organic Synthesis**, Florence (Italy).

05/2017: “New Methodologies for the Late Stage Labeling of Drug Candidates” (poster presentation), “**Journée des doctorants**” (PhD Day), Saclay, France.

06/2018: “**Late Stage Isotopic-Carbon Labeling of Pharmaceutically Relevant Ureas Directly from CO₂**” (publication), Del Vecchio, A., Caillé, F., Chevalier, A., Loreau, O., Horkka, K., Halldin, C., Schou, M., Camus, N., Kessler, P., Kuhnast, B., Taran, F., Audisio, D., *Angew. Chem. Int. Ed.* **2018**, *57*, 9744–9748 (DOI).

06/2018: “**Recent Developments in Heterocycle Labeling with Carbon Isotopes**” (publication), Del Vecchio, A., Destro G., Taran F., Audisio, D., *J. Labeld. Compd. Radiopharm.* **2018**; 1-20 (DOI).

05/2018: “**Visible-Light-Driven Reduction of CO₂ to CO and Its Subsequent Valorization in Carbonylation Chemistry and ¹³C Isotope Labeling**” (publication), Gotico, P., Del Vecchio, A., Audisio, D., Quaranta, A., Halime, Z., Leibl, W., Aukaloo, A. *ChemPhotoChem* **2018**, *2*, 715 – 719 (DOI).