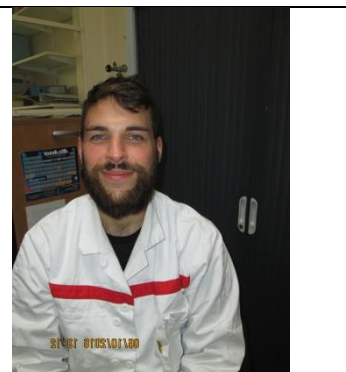


## ESR4 – DESTRO Gianluca

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Birthdate: 19/07/1991

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:** *Carbon Isotope Exchange, new methodology in labelling of pharmaceuticals*

**Supervisor:** Frederic Taran, Davide Audisio

**Laboratory:** DRF/JOLIOT/SCBM/LMC

**Organisation:** CEA Saclay

**PhD awarding University:** Paris Sud University

### Work experiences

03/2016 – 05/2016: Visiting Scientist, Prof. Ulf Nilsson, Centre for Analysis and Synthesis – University of Lund (Sweden)

11/2015 – 03/2016: Visiting Scientist, Prof. Marco Lolli and Prof.ssa Donatella Boschi, Lab supervisor: Agnese Pippione PhD, Dipartimento di Scienza e Tecnologia del Farmaco (DSTF) – University of Turin (Italy).

04/2015 – 11/2015: Master student, Prof. Marco Lolli, Lab supervisor: Agnese Pippione PhD, Dipartimento di Scienza e Tecnologia del Farmaco (DSTF) – University of Turin (Italy).

### Education

09/2010 – 11/2015: Master in Pharmaceutical and Chemistry Technologies, Prof. Marco Lolli, Lab supervisor: Agnese Pippione PhD, Dipartimento di Scienza e Tecnologia del Farmaco (DSTF) – University of Turin (Italy).

### Secondments during ISOTOPICS

11/2018 – 12/2018 (4 weeks): <sup>13</sup>C application on pharmaceuticals, supervisor: Dr. Magnus Schou, Karolinska Institutet, Sweden.

01/2019 – 03/2019 (7 weeks): <sup>14</sup>C application on pharmaceuticals, supervisor: Dr. Chad Elmore, Astrazeneca, Sweden.

### Trainings during ISOTOPICS

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

04/2017 (4 days): 2<sup>nd</sup> ISOTOPICS training, SANOFI (Frankfurt, Germany)

11/2017 (4,5 days): 3<sup>rd</sup> ISOTOPICS training, University of Liège (Liège, Belgium)

09/2018 (5 days): 4<sup>th</sup> ISOTOPICS training, Karolinska Institutet (Stockholm, Sweden)

### Dissemination and communication actions during ISOTOPICS

- 11/2016: 1<sup>st</sup> ISOTOPICS meeting, CEA (Saclay, France)
- 04/2017: 2<sup>nd</sup> ISOTOPICS meeting, SANOFI (Frankfurt, Germany)
- 05/2017: “Journée des doctorants” (PhD Day), Saclay, France, “A process for the synthesis of carbon labeled organic compounds” Gianluca Destro, Thibault Cantat, Davide Audisio
- 11/2017: 3<sup>rd</sup> ISOTOPICS meeting, University of Liège (Liège, Belgium)
- 04/2018: “International Symposium “Drug Discovery and New Therapeutics”, Orsay, France, Poster communication, “CO<sub>2</sub> chemistry for the synthesis of radiolabeled compound” Gianluca Destro, Olivier Loreau, Elodie Marcon, Frédéric Taran, Thibault Cantat, Davide Audisio
- 06/2018: 13<sup>th</sup> International Symposium on the synthesis and application of isotopically labelled compounds, Prague, Czech Republic, Presented in English, “CO<sub>2</sub> chemistry for the synthesis of radiolabeled compound”
- 09/2018: XXII International Conference on Organic Synthesis, Poster communication, “Carbon Isotope Exchange (CIE) for the synthesis of radio-labeled compounds” Gianluca Destro, Olivier Loreau, Elodie Marcon, Frédéric Taran, Thibault Cantat, Davide Audisio
- 09/2018: 4<sup>th</sup> ISOTOPICS meeting, Karolinska Institutet (Stockholm, Sweden)
- 10/2018: 4<sup>ème</sup> Journée des doctorants, Orsay, France, Presented in English, “Carbon Isotope Exchange for labelling of pharmaceuticals”
- 12/2018 Invited speakers at Department of Organic Chemistry, Arrhenius Laboratory, Stockholm University, Prof. Berit Olofsson group, presented in English, “Carbon Isotope Exchange for labelling of pharmaceuticals”

### Publication

1. **Gianluca Destro**, Olivier Loreau, Elodie Marcon, Frédéric Taran, Thibault Cantat, Davide Audisio, “Dynamic carbon isotope exchange of pharmaceuticals with labeled CO<sub>2</sub>”, *Manuscript submitted*
2. **Destro G**, Audisio D, Cantat T, “A process for the synthesis of carbon labeled organic compounds” **2018**, EP18305407
3. Antonio Del Vecchio, **Gianluca Destro**, Frédéric Taran, Davide Audisio, “Recent Developments in Heterocycles Labeling with Carbon Isotopes” **2018**, doi.org/10.1002/jlcr.3666