



ISOTOPICS



ISOTOPIC LABELING FOR DRUG INNOVATION

H2020-MSCA-ITN 2016-2019, Grant Reference 675071

DELIVERABLE

<p>FUNDING SCHEME: H2020-MSCA-ITN 2016-2019 PROJECT ACRONYM: ISOTOPICS GRANT REFERENCE: 675071</p>
<p>DELIVERABLE: D1.2 – ESR recruitment process</p>
<p>WORK PACKAGE: WP1 - Coordination and Project Management LEAD BENEFICIARY: CEA NATURE: Other DISSEMINATION LEVEL: Public DUE DELIVERY DATE: 1st November 2016 PREPARED BY: K. Hinsinger – CEA</p>
<p>SUMMARY: ESR recruitment information</p>
<p>ANNEXES: CVs of the ESRs (15 pages)</p>

Version	Date	Status	Description
0.1	01/10/2016	Draft	Structure of the document
0.2	07/11/2016	Draft	Corrections of the Coordinator
0.3	10/01/2017	Draft	Approved by the Coordinator; sent to all beneficiaries for approval
1.0	25/01/2017	Version 1	Approved by the Consortium; uploaded on the Participant Portal
1.1	31/03/2017	Advanced draft	Addition of the last CVs and information
2.0	13/04/2017	Version 2	Uploaded on the Participant Portal
3.0	17/01/2018	Final version	Submitted to the Participant portal



Entity Short Names

	Institution name
CEA	French Alternative and Atomic Energy Commission
UOXF	University of Oxford
KI	Karolinska Institute
CNRS	French National Centre for Scientific Research (INSA Toulouse)
ULG	University of Liège
UCB	UCB Biopharma
AZ	AstraZeneca
SAN	Sanofi-Aventis Deutschland GmbH

ESR recruitment process

The main objective of the ISOTOPICS project is to train 15 Early Stage Researchers (ESRs) with expertise in isotopic labeling and advance medicinal chemistry. The ESRs are distributed between the 8 beneficiaries as follows (with indications about of the associated PhD-awarding University when needed):

- 4 ESRs at CEA (Université Paris-Saclay)
- 4 ESRs at UOXF
- 2 ESRs at KI
- 1 ESR at CNRS (Université Fédérale Toulouse Midi-Pyrénées)
- 1 ESR at ULG
- 1 ESR at UCB (ULG)
- 1 ESR at AZ (Université Paris-Saclay)
- 1 ESR at SAN (Université Paris-Saclay)

The 15 ESRs have been recruited and 14 ESRs are presently declared on the Participant Portal.

The submission of this deliverable was delayed because not all the ESRs were recruited at the due date (November 2016).

In January 2017, we decided to upload an advanced draft version on the Participant Portal to underline that 14 ESRs were recruited and 1 candidate was selected for the last position.

In April 2017, we uploaded on the Participant Portal a 2nd version to indicate that all the ESRs are recruited but 1 ESR declaration (UCB beneficiary ESR) is delayed because of an ongoing amendment procedure (in agreement with the Project Officer).

By January 2018, the amendment procedure was finally completed and the declaration of the last ESR was done on the Participant portal. Therefore, this deliverable was submitted.

Selection process

The recruitment of the ESRs was a crucial step in the ISOTOPICS project. The recruitment process has been implemented in full agreement with the 'Code of Conduct for Recruitment of Researchers', 'European Charter for Researchers' and Marie Skłodowska-Curie Actions (MSCA) guidance on best practice, assuring that the selection and recruitment process has been open, transparent and supportive.

The PhD positions job offers were advertised on the ISOTOPICS website, the EURAXESS Pan-European Initiative website as well as high-visibility websites such as Naturejobs or the partner Universities and Doctoral Schools websites.

In order to have high-quality ESRs in the consortium, a preliminary selection of the applicants was done



by each beneficiary according to the CVs, the MSCA Standard Eligibility Conditions and the rules of the Universities and Doctoral Schools that are empowered to award the Doctoral Degree. The best applicants were interviewed by the supervisor of the PhD project at the beneficiary premises.

As an example, at CEA, 91 applications were received for the 4 available PhD positions. After preliminary selection, 12 applicants were interviewed by phone calls or Skype meetings to precise their scientific background. Finally, each final candidate was welcomed at the CEA premises (Saclay, France) for a 1-day interview in order to present in details the ISOTOPICS programme, visit the laboratories and check the motivation of the 4 candidates for the PhD projects.

As another example, at SANOFI, 25 applications were received for the available PhD position. A short list of 7 candidates (with appropriate scientific background and respecting the mobility rules) was established to conduct phone interviews. After selection, 4 candidates have been invited for an onsite visit and face to face interviews in Frankfurt to finally choose the recruited candidate.

In most cases, the CVs of final candidates were checked by the Coordinator and the Project Manager before the recruitment to insure the MSCA eligibility criteria: all the recruited ESRs have a Master degree in Organic Chemistry or Bioorganic Chemistry and have not spent more than 12 months in the past 3 years in their hosting country.

ESRs information

See as annexes CVs of the ESRs

The table hereafter gives the name of the 15 recruited ESRs, the beneficiary supervisors and the PhD supervisors (ESR order in the table and in annexes corresponds to the numbering of the PhD projects in the Grant Agreement). The starting dates of their working contract are indicated in the last column.

Among the 15 ESRs, 14 researchers are from EU countries and 1 from a non-EU country. There is a gender balance (7 are males and 8 are females). None of them is in charge of a family at the date of the recruitment. They are all enrolled in a PhD programme.

	ESR name	Nationality	Date of Birth	Gender	Family charge	Beneficiary (Supervisor)	PhD program University (PhD Supervisor)	Recruitment date
1	Viktor Pfeifer	German	01/12/1990	Male	No	CEA (G.Pieters)	Univ. Paris-Saclay (C. Dugave)	06/10/2016
2	Alberto Palazzolo	Italian	27/01/1991	Male	No	CEA (G.Pieters)	Univ. Paris-Saclay (C. Dugave)	06/10/2016
3	Antonio Del Vecchio	Italian	10/04/1992	Male	No	CEA (F. Taran)	Univ. Paris-Saclay (F. Taran)	06/10/2016
4	Gianluca Destro	Italian	19/07/1991	Male	No	CEA (F. Taran)	Univ. Paris-Saclay (F. Taran)	06/10/2016
5	Francesco Ibbi	Italian	17/05/1990	Male	No	UOXF (V. Gouverneur)	UOXF (V. Gouverneur)	15/04/2016
6	Anna Chiara Vicini	Italian	10/02/1992	Female	No	UOXF (V. Gouverneur)	UOXF (V. Gouverneur)	24/10/2016
7	Mateusz Imiolek	Polish	16/08/1992	Male	No	UOXF (B. Davis)	UOXF (B. Davis)	01/09/2016
8	Maria Alexandra Gafitescu	Romanian	16/05/1987	Female	No	UOXF (B. Davis)	UOXF (B. Davis)	01/10/2016
9	Mélodie Ferrat	French	08/05/1991	Female	No	KI (C. Halldin)	KI (C. Halldin)	03/02/2017
10	Kaisa Horkka	Finnish	09/04/1985	Female	No	KI (C. Halldin)	KI (C. Halldin)	07/11/2016
11	Donia Bouzouita	Tunisian	22/02/1992	Female	No	CNRS (B. Chaudret)	Univ. de Toulouse (B. Chaudret)	03/10/2016
12	Agostinho Lemos	Portuguese	25/11/1992	Male	No	ULG (A. Luxen)	ULG (A. Luxen)	01/10/2016
13	Laura Trump	French	11/06/1993	Female	No	UCB (C. Genicot)	ULG (A. Luxen)	01/10/2016
14	Malvika Sardana	Dutch	24/08/1991	Female	No	AZ (C. Elmore)	Univ. Paris-Saclay (C. Dugave)	09/01/2017
15	Mégane Valero	French	27/05/1991	Female	No	SAN (J. Atzrodt)	Univ. Paris-Saclay (C. Dugave)	01/12/2016

Working conditions

All the ESRs have an employment contract (type A) with full time working commitment. In each beneficiary organisation, the ESRs will have workspace and safe access to all necessary facilities. They will be mentored both by a Supervisor (Academic or Industrial) in their hosting lab and a Co-supervisor (respectively Industrial or Academic) during secondments in order to ensure the coherence to the research project and to expose the ESRs to a mixed academic/industrial culture. Moreover, they are also enrolled in a University PhD programme and will have all resources and support routinely provided there, such as office space, computer support, library facilities, and welfare support.

ISOTOPICS fellows are supported by administrative staff and experienced personnel drawn from all beneficiary organisations. They are helped by their supervisor and hosting institutions prior to and



upon arrival to ensure a smooth start in their institution (help with accommodation, transport, banking etc...). Some beneficiaries can offer the opportunity of language teaching to the ESRs.

In the laboratories, all the ESRs will be closely mentored by experienced researchers and will be trained in the handling of chemicals and radioisotopes. Moreover, they had a 'Radiological Safety Basis' course as part of the 1st ISOTOPICS Training School (November 2016).

The research exchange programme (secondments) planned during the ISOTOPICS project will provide the ESRs with a chance to interact and engage with a different scientific, institutional and sectorial environment. The schedule and duration of secondments, as presented in the Grant Agreement, was only given for information and will be adjusted on the basis of research needs, scientific progress and availability. It was confirmed by the consortium during the 1st ISOTOPICS Meeting (November 2016).

Personal Career Development Plan (PCDP)

As required in the Grant Agreement, continuous monitoring, proactive support and guidance of the ESR will take place during the project to prepare them to an academic, public or industrial career. Each ESR will be encouraged to formulate a long-term vision of his/her career in order to adapt his/her expectations to employment opportunities and to sharpen his/her professional profile in view of a better adequacy with the academic or industrial needs and a resulting improved employability.

The PCDPs (1st year) of the recruited ESRs are submitted as annexes of the Deliverable D1.6 – Progress Report.

The PCPD will allow the researchers to focus on the different training skills that will be developed: i) research skills and techniques, ii) research environment, iii) research management, iii) personal effectiveness, iv) communication skills, v) networking and team networking, (vi) career management. PCPDs will be evaluated regularly through discussions between ESRs and their Supervisors but also by evaluation and formal interview with the Supervisory Board during periodic Consortium Meetings.

PCPDs might be personalized on demand thanks to the huge training offer provided by world-leading academic institutions of the ISOTOPICS consortium (CEA, UOXF, etc.).

Delays in recruitment

We would like to underline that the delays in recruitment are due to:

- the decision of preliminary selected candidates to finally drop out before recruitment (for SAN)
- an ongoing Grant Agreement amendment procedure which blocked the recruitment of ESRs and caused a partial desertion of preliminary selected candidate (for KI and AZ).

Moreover, we emphasise that the declaration of one ESR (Laura Trump; ESR 13, UCB beneficiary) has been delayed, in agreement with the Project Officer, until the end of an amendment procedure. The declaration of the 15 ESRs was finally completed by December 2017.

D1.2 – ESR recruitment process – ANNEXES

CVs of the 15 ESRs (ESR order in the annexes corresponds to the numbering of the PhD projects in the Grant Agreement) – 15 pages



ESR1 - PFEIFER Viktor

Email address: viktor.pfeifer@cea.fr

Date of birth: 01/12/1990

Nationality: German



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: *Deuterium and Tritium Labelling of Bioactive Molecules Catalyzed by Metallic Nanoparticles*

Supervisor: Dr. Grégory Pieters, Dr. Christophe Dugave

Laboratory: DRF/IBITECS/SCBM/Tritium-laboratory

Beneficiary: CEA

PhD awarding University: University Paris-Saclay

Work experiences

01/2016 – 08/2016: Scientific assistant, Dr. Martin Vabulas, Protein Aggregation Group, Buchmann Institute for Molecular Life Sciences (Frankfurt am Main, Germany)

Responsibilities: Design of primers, cell fermentations and purifications of recombinant proteins: CHIP, NQO1, NQO2, α/β -synuclein, HSP-family; by means of affinity chromatography (glutathion sepharose, "Histrap"), size exclusion chromatography ("Superdex 200") and ion exchange chromatography ("HiPrep Q FF")

11/2014 – 12/2014: Student assistant, Prof. Dr. Matthias Wagner, module "Preparative Inorganic Chemistry", Johann Wolfgang Goethe-University (Frankfurt am Main, Germany)

Responsibilities: Supervision of students during their experiments under "Schlenck"-conditions

08/2014 – 10/2014: Working student, Dr. Michael Schmidt, MIB ("Multi Insulin Betrieb"), Sanofi Aventis, Frankfurt Höchst (Germany)

Responsibilities: Evaluation of production data

Education

10/2013 – 10/2015: Master in Chemistry, Johann Wolfgang Goethe-University (Frankfurt am Main, Germany)

Master thesis: Prof. Dr. Matthias Rehahn, Ernst-Berl-Institute for Technical and Macromolecular Chemistry, Darmstadt University of Technology; Title: "Synthesis and Characterisation of Cobalt-Containing Monomers and their Polymerisation"

10/2010 – 09/2013: Bachelor in Chemistry, Johann Wolfgang Goethe-University (Frankfurt am Main, Germany)

Bachelor thesis: Prof. Dr. Michael Göbel, Institut für Organische Chemie und Chemische Biologie, Johann Wolfgang Goethe-University; Title: "Synthesis of a C₂-Chiral Guanidine Derivative as a Potential Enantioselective Organocatalyst"



ESR2 - PALAZZOLO Alberto

Email addresses: Alberto.palazzolo91@gmail.com
Alberto.palazzolo@cea.fr

Date of birth: 27/01/1991

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: *Peptides, proteins and oligonucleotides tritium and deuterium labelling supported by metallic nanocatalysts*

Supervisor: Christophe Dugave/ Gregory Pieters

Laboratory: DSV/IBITECS/SCBM

Beneficiary: CEA

PhD awarding University: University Paris-Saclay

Work experiences

11/2015 – 04/2016: “Synthesis of novel polycyclic substituted nucleosides”, Prof. Ugo Chiacchio, Dipartimento di chimica, Università di Catania.

06/2016 – 09/2016: “Synthesis of novel material from renewable sources”, Prof. Maurizio Galimberti, Chemistry, material and chemical engineering “Giulio Natta”, Politecnico di Milano.

Education

09/2009 – 10/2015: Master degree “Pharmaceutical chemistry and technologies”, Thesis: “Synthesis of isoxazolidinic core 1,10-Phenantrolin derivatives with antitumoral activity”, Supervisor: Prof. Ugo Chiacchio, Università di Catania.



ESR3 - DEL VECCHIO Antonio

Email addresses: antonio.delvecchio@cea.fr
dlvntn.92@gmail.com

Date of birth: 10/04/1992

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 radio-labelling of drug candidates*

Supervisors: Frédéric Taran; Davide Audisio

Laboratory: Laboratoire du Marquage au Carbone-14

Beneficiary: CEA

PhD awarding University: University Paris-Saclay

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.

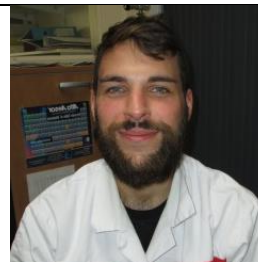


ESR4 - DESTRO Gianluca

Email address: gianluca.destro@edu.unito.it

Date of birth: 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: *CO₂ Chemistry for the synthesis of radio – labelled compounds*

Supervisors: Frederic Taran and Davide Audisio

Laboratory: DRF/IBITECS/SCBM/14C-Laboratory

Beneficiary: CEA

PhD awarding University: University Paris-Saclay

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).

09/2005 – 06/2010: High School Diploma, Liceo Scientifico Statale Carlo Cattaneo (Turin, Italy).



ESR5 - IBBA Francesco

Email address: francesco.ibba@chem.ox.ac.uk

Date of birth: 17/05/1990

Nationality: Italian



Current position

From 04/2016: Marie Curie - Early Stage Researcher in organic chemistry as part of the ISOTOPICS project (H2020-MSCA-ITN, Grant agreement N°675071).

PhD title: *Towards the first Organocatalytic Nucleophilic Fluorination*

Supervisor: Prof. Veronique Gouverneur

Laboratory: Chemistry Research Laboratories

Beneficiary: University of Oxford

Work experiences

10/2015 – 04/2016: Early Stage Researcher as part of RADIOMI project, Prof. Veronique Gouverneur, Chemistry Research Laboratories, University of Oxford (UK)

04/2015 – 07/2015: Recent Graduate, Dr. Dimitrios Lizos, Novartis Institute for Biomedical Research, Novartis Pharma AG (Basel, Switzerland)

Education

03/2013 – 03/2015: Master Degree in Chemical Science, Università degli Studi di Genova (Switzerland)

10/2009 – 03/2013: Bachelor Degree in Chemistry and Chemical Technologies, Università degli Studi di Genova (Switzerland)



ESR6 - VICINI Anna Chiara

Email address: Anna.vicini@chem.ox.ac.uk

Date of birth: 10-02-1992

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: *[¹⁸F] labelling and stereogenicity*

Supervisor: Veronique Gouverneur

Laboratory: Chemistry Research Laboratory

Beneficiary: University of Oxford

Work experiences

03/2016 – 08/2016: Internship at the department of “Chemical Biology and Drug Discovery” at Utrecht University (The Netherlands) as an Erasmus exchange student.
Supervisor: Prof. Roland J. Pieters.

02/2014 – 07/2014: Internship at the department of Industrial Chemistry “Toso Montanari” (organic chemistry laboratories) at the University of Bologna (Italy).
Supervisors: Prof. Luca Bernardi, Dr. Mariafrancesca Fochi.

Education

10/2014 – 10/2016: Master in Chemistry, curriculum Synthetic methodologies and bioorganic chemistry (University of Bologna, Italy). Thesis title: “A new synthetic strategy to carbohydrate-based building blocks for rigid spacers”.
Supervisors: Prof. Alessandra Tolomelli (University of Bologna, Italy) and Prof. Roland J. Pieters (Utrecht University, The Netherlands).

The research was carried out in the laboratories of the department of Chemical Biology and Drug Discovery at Utrecht University within the frame of the Erasmus Exchange project.

10/2011 – 10/2014: Bachelor in Industrial Chemistry (University of Bologna, Italy).
Supervisors: prof. Luca Bernardi and Dr. Mariafrancesca Fochi, department of Industrial Chemistry “Toso Montanari”

09/2006 - 07/2011: Liceo Scientifico PNI A. Sorelli (high school), Pavullo nel Frignano (MO, Italy). Title aquired: “Diploma di maturità scientifica”



ESR7 - IMIOLEK Mateusz

Email address: mateusz.imiolek@chem.ox.ac.uk

Date of birth: 16/08/1992

Nationality: Polish



Current position

From 09/2016: Marie Curie - Early Stage Researcher in organic chemistry as part of the ISOTOPICS project (H2020-MSCA-ITN, Grant agreement N°675071).

PhD title: *Development and translation of reactions for (radio)labelling of biomolecules*

Supervisor: Prof. Benjamin Davis

Laboratory: Chemistry Research Laboratory

Beneficiary: University of Oxford

Work experiences

07/2015 – 09/2015: ERASMUS+ trainee, Prof. L. De Cola, Institute of Science and Supramolecular Engineering, University of Strasbourg (France)

10/2014 – 03/2015: Trainee at Science Pharma in the Chemistry, Manufactory and Controls (CMC) section, Warsaw (Poland)

04/2013 – 06/2015: Tutor, IB Course in Chemistry/Physics Tutor at EDUN Academy, Warsaw (Poland)

Education

10/2014 – 06/2016: Master in Organic Chemistry, under supervision of PhD A. Zawadzka, Faculty of Chemistry, University of Warsaw (Poland) in collaboration with Prof. J. Vilarrasa, Faculty of Chemistry, University of Barcelona (Spain)

10/2011 – 09/2014: Bachelor in Chemistry, Dr. Maciej Mazur, Department of Chemistry, University of Warsaw (Poland)

10/2011 – 07/2014: Bachelor in Physics, Dr. Piotr Fita, Department of Physics, University of Warsaw (Poland)



ESR8 - GAFITESCU Maria Alexandra

Email address: maria.gafitescu@stx.ox.ac.uk

Date of birth: 16/05/87

Nationality: Romanian



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: *Isotopically labeled glycoproteins*

Supervisor: Prof Ben G. Davis

Laboratory: Department of Chemistry

Beneficiary: University of Oxford

Work experiences

09/2014 – 09/2016: IMED Graduate Trainee at AstraZeneca (Sweden), three 8-month rotations in different departments:

1. First placement: RIA (Respiratory, Inflammatory & Autoimmune) Med Chem Lead Generation section (small molecules), Frank Narjes, Associate Director AZ
2. Second placement: CVMD (Cardiovascular & Metabolic Diseases) New Modalities Group (macrocycles, next generation peptides, small molecule/peptide conjugates), Eric Valeur, Associate Director New Modalities Group AZ
3. Third placement: Analytical Chemistry SSL (Structure & Separation Laboratory), Tineke Papavoine, Team Leader AZ

04/2014 – 07/2014: research collaborator for synthesis of bile acid semi-synthetic analogues, targeting nuclear receptors and G-coupled receptors involved in metabolic disorders such as obesity, type II diabetes or NASH, Prof. Roberto Pellicciari, University of Perugia (Italy)

Education

10/2007 – 02/2014: Pharmacy School (Master Degree included) University of Perugia (Italy)
Thesis: "Synthesis, Characterization and Biological Activity of Cholic Acid Bioisosteres", Supervisor: Prof Roberto Pellicciari



ESR9 - FERRAT Mélodie

Email address: melodie.ferrat@ki.se

Date of birth: 08/05/1991

Nationality: French



Current position

From 02/2017: Marie Curie - Early Stage Researcher in organic chemistry as part of the ISOTOPICS project (H2020-MSCA-ITN, Grant agreement N°675071).

PhD title: *Development of a new automatic system for the labelling of drugs and druglike molecules with $[^{11}\text{C}]\text{-CO}_2$ and $[^{11}\text{C}]\text{-CO}$ under good manufacturing practice conditions*

Supervisor: Prof. Christer Halldin

Laboratory: Department of Clinical Neuroscience, PET centre group

Beneficiary: Karolinska Institutet (Sweden)

Work experiences

01/2016 – 07/2016: Internship: Design, synthesis and evaluation of innovative compounds for the treatment of infections due to *Staphylococcus aureus* and *Staphylococcus epidermidis* (6 months)

Supervisors: Françoise Dumas/ Florence Doucet-Populaire

Laboratory: BioCIS-CNRS-UMR 8076 and UBAPS (Châtenay-Malabry, France)

05/2015 – 06/2015: Internship: Organocatalysis applied to the enantioselective synthesis of quaternary carbon compounds (2 months)

Supervisor: Franck LeBideau

Laboratory: BioCIS-CNRS-UMR 8076 (Châtenay-Malabry, France)

06/2014 – 07/2014: Internship: Design and synthesis of organic catalysts from alkaloids (1 month)

Supervisors: Françoise Dumas, Christine Thomassigny

Laboratory: BioCIS-CNRS-UMR 8076 and ILV (Châtenay-Malabry/Versailles, France)

Education

2014 – 2016: Master of Science in Pharmaceutical Research and development, with an organic chemistry specialty; University of Paris-Saclay (Châtenay-Malabry, France)

2011 – 2014: Bachelor's degree in Chemistry; with an organic chemistry specialty; University of Versailles-saint-Quentin-en-Yvelines (Versailles, France)

2009 – 2010: Scientific baccalaureate diploma; with physics and chemistry specialty; High-school Jacques Prévert (Boulogne Billancourt, France)



ESR10 - HORKKA Kaisa

Email address: kaisa.horkka@ki.se

Date of birth: 09-04-1985

Nationality: Finnish



Current position

From 11/2016: Marie Curie - Early Stage Researcher in organic chemistry as part of the ISOTOPICS project (H2020-MSCA-ITN, Grant agreement N°675071).

PhD title: *Late-stage carboxylations with $[^{11}\text{C}]\text{CO}_2$*

Supervisor: Prof. Christer Halldin

Laboratory: Department of Clinical Neuroscience

Beneficiary: Karolinska Institutet, Stockholm

Work experiences

06/2014 – 11/2016: Research assistant in organic chemistry: Synthesis of TEMPO and TEEPO imaging agents.

Supervisor: Dr. Sami Heikkinen, Laboratory of Organic Chemistry, University of Helsinki (Finland)

06/2011 – 08/2011: Research assistant in molecular biology as part of determining the structure of *P. falciparum* TRAP protein.

Supervisors: Prof. Perttu Permi, Dr. Tero Pihlajamaa; Finnish Biological NMR Center, Institute of Biotechnology, Helsinki (Finland)

06/2009 – 08/2009: Research assistant in organic chemistry: Wood chemistry and ionic liquids.

Supervisors: Prof. Ilkka Kilpeläinen, Docent Alistair King; Laboratory of Organic Chemistry, University of Helsinki (Finland)

Education

06/2016: Master of Science in Organic Chemistry, Laboratory of Organic Chemistry, University of Helsinki (Finland)

08/2011 – 05/2012: Erasmus exchange student

Supervisor: Prof. María Luz López Rodríguez; Medicinal Chemistry Lab, Complutense University of Madrid (Spain)

08/2015: Bachelor of Science in Chemistry; Laboratory of Organic Chemistry, University of Helsinki (Finland).



ESR11 - BOUZOUITA Donia

Email address: bouzouit@insa-toulouse.fr

Date of birth: 22/02/1992

Nationality: Tunisian



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: *Development of metallic nanoparticles usable for the labelling of organic molecules and biologics*

Supervisors: Bruno Chaudret, Simon Tricard

Laboratory: LPCNO (INSA, Toulouse, France)

Beneficiary: CNRS

PhD awarding University: University Toulouse III Paul Sabatier

Work experiences

10/2015 – 06/2016: Teaching on the simulation of chemical processes using the ASPEN PLUS and HYSYS software, “ULT” university (Tunisia).

01/2015 – 06/2015: Self-assembly of platinum nanoparticles with organic ligands, Bruno Chaudret, Simon Tricard, Faouzi Bouachir, LPCNO, INSA (Toulouse, France).

07/2014: Monitoring and physicochemical analysis of different samples of soil and water, GreenLab Laboratory (Tunis, Tunisia).

03/2014 – 05/2014: Simulation using HYSYS software for the toluene dealkylation method, Souhir Abdelmoumen, INSAT (Tunis, Tunisia).

07/2013: Water treatment by reverse osmosis, MEDIPHARM-SADEP, pharmaceutical laboratory (Tunis, Tunisia).

07/2013: Quality control of raw materials and finished products, internship at the MEDIS laboratories, pharmaceutical laboratory (Tunis, Tunisia).

Education

09/2010 – 09/2015: Engineering degree in chemistry (master equivalent), Pr. Faouzi Bouachir, INSAT (Tunisia), promotion laureate.

09/2006 – 07/2010: Bachelor's degree, “Excellence” high school (Nabul, Tunisia).



ESR12 - LEMOS Agostinho

E-mail address: alemos@ulg.ac.be

Date of birth: November 25th 1992

Nationality: Portuguese

URL: https://www.researchgate.net/profile/Agostinho_Lemos



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: *Development of new difluoromethyl-sulfonyl reagents for the production of (hetero)aromatics labelled with fluorine-18*

Supervisor: Prof. André LUXEN

Laboratory: Cyclotron Research Center

Beneficiary: University of Liège

Work experiences

05/2016 – 09/2016: Research fellow at REQUIMTE (Rede de Química e Tecnologia), under the scope of the project entitled *Studies of Protein Interfaces* – reference UID/QUI/50006/2013 (supervisor: Prof. Dr. Maria Natália Dias Soeiro Cordeiro, Portugal)

09/2014 – 09/2015: Research intern at Laboratory of Organic and Pharmaceutical Chemistry, Faculty of Pharmacy, University of Porto (Portugal), under the scope of master dissertation entitled *Design and synthesis of promising disruptors of p53-MDM2 interaction* (supervisor: Prof. Dr. Emília Sousa)

03/2013 – 07/2013: Research intern at Laboratory of Biochemistry, Faculty of Pharmacy, University of Porto (Portugal), under the scope of bachelor dissertation entitled *Biological evaluation of new steroidal compounds: aromatase inhibition and effects in MCF-7aro cells viability* (supervisor: Prof. Dr. Georgina Correia-da-Silva)

Education

09/2013 – 09/2015: Master Degree in Pharmaceutical Chemistry, Faculty of Pharmacy, University of Porto (Porto, Portugal)

09/2010 – 07/2013: First Degree in Biochemistry, Faculty of Sciences, University of Porto (Porto, Portugal)



ESR13 - TRUMP Laura

Email address: laura.trump@ucb.com

Date of birth: 11/06/1993

Nationality: French



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: *Development of a flow reaction for the addition of [¹⁸F]CHF to (hetero)aromatics*

Supervisor: Christophe Genicot

Beneficiary: UCB Biopharma (Belgium)

PhD awarding University: University of Liège

Work experiences

03/2016 – 08/2016: Internship, Pascal Desmazeau, Sanofi Vitry sur Seine (France), Synthesis of biologically active compounds

06/2015 – 08/2015: Internship, Alex Jaunet, Galapagos NV (Mechelen, Belgium), Synthesis of biologically active compounds via the flow chemistry

06/2014 – 07/2014: Internship, Franck Le Bideau, Biocis, Faculty of Pharmacy of Chatenay Malabry (France), Synthesis of organocatalysts

Education

09/2015 – 08/2016: Master in Chemistry of Biomolecules, ENSCM (Montpellier, France)

09/2015 – 08/2016: Exchange semester at the ENSCM (Montpellier, France) in the option Organic Chemistry

09/2013 – 09/2016: Engineering Master degree from the National Superior School of Chemistry of Lille (ENSCL, Lille, France)



ESR14 - SARDANA Malvika

Email addresses: Malvika.Sardana@astrazeneca.com
Malvika.Sardana@gmail.com

Date of birth: 24-08-1991

Nationality: Dutch



Current position

From 01/2017: Marie Curie - Early Stage Researcher in organic chemistry as part of the ISOTOPICS project (H2020-MSCA-ITN, Grant agreement N°675071).

PhD title: *Development of novel carbon-11/14 radiolabelling strategies for therapeutic applications*

Supervisor: Dr Chad Elmore

Laboratory: isotope chemistry

Beneficiary: AstraZeneca (Sweden)

PhD awarding University: University Paris-Saclay

Work experiences

09/2015 – 12/2016: Senior research chemist, Parallel chemistry, Mercachem in Nijmegen (The Netherlands)

06/2014 – 11/2014: MSc industrial internship, Dr Simon Lucas, Medicinal Chemistry, Boehringer Ingelheim in Vienna (Austria)

05/2013 – 02/2014: MSc internship, Dr Maikel Wijtmans, Medicinal Chemistry, VU University Amsterdam (The Netherlands)

02/2012 – 06/2012: BSc internship, Dr Mounir Andaloussi, Medicinal Chemistry, Griffin Discoveries in Amsterdam (The Netherlands)

Education

09/2012 – 02/2015: MSc in Drug, Discovery & Safety, specialization in Drug, Design and Synthesis (Medicinal chemistry), VU University Amsterdam (The Netherlands)

09/2009 – 06/2012: BSc in Pharmaceutical Sciences, VU University Amsterdam (The Netherlands)

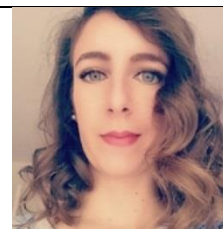


ESR15 - VALERO Mégane

Email address: mvalero@windowslive.com

Date of birth: 05/27/1991

Nationality: French



Current position

From 12/2016: Marie Curie - Early Stage Researcher in organic chemistry as part of the ISOTOPICS project (H2020-MSCA-ITN, Grant agreement N°675071).

PhD title: *Development and Application of innovative strategies for labelling of small molecule and biotherapeutic drugs*

Supervisor: Jens Atzrodt

Laboratory: Isotope Chemistry & Metabolite Synthesis

Beneficiary: Sanofi-Aventis Deutschland GmbH

PhD awarding University: University Paris-Saclay

Work experiences

01/2016 – 07/2016: Intern, Dr. Stéphanie Pethe & Pr. Giang Vo-Thanh, ECBB-ICMMO, University Paris-Saclay, Orsay, France

04/2015 – 08/2015: Intern, Dr. Ronan Larget, ChemBio-LGCR, Sanofi R&D, Chilly-Mazarin, France

06/2014 – 07/2014: Intern, Dr. Nicolas Rabasso, MSMT-ICMMO, University Paris-Saclay, Orsay, France

Education

09/2015– 07/2016: Master in Organic Chemistry (2nd year), Pr. Cyrille Kouklovsky, University Paris-Saclay (Orsay, France)

09/2014– 07/2015: Master in Organic Chemistry (1st year), Dr. Richard Gil, University Paris-Saclay (Orsay, France)

09/2013 – 07/2014: Bachelor in Chemistry, Pr. Michèle Desouter, University Paris-Saclay (Orsay, France)

09/2010– 07/2013: Classes preparing for entrance examinations to the French Grandes Ecoles – BCPST (Biology, Chemistry, Physical, Earth Sciences), High School Jacques Prévert (Paris, France)