ESR 7 - IMIOŁEK Mateusz

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Birthdate: 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: Radical fluoroalkylations for selective modification of native residues in proteins for ^{19}F-NMR and ^{18}F-PET applications
Supervisor: Prof Benjamin Davis
Laboratory: Chemistry Research Laboratory
Organisation: University of Oxford

Work experiences

07/2015 – 09/2015: ERASMUS+ trainee, Prof. L. De Cola, Institute of Science and Supramolecular Engineering, University of Strasbourg
10/2014 – 03/2015: Trainee at Science Pharma in the Chemistry, Manufactory and Controls (CMC) section, Warsaw
04/2013 – 06/2015: Tutor, IB Course in Chemistry/Physics Tutor at EDUN Academy, Warsaw

Education

10/2014 – 06/2016: Master in Organic Chemistry, under supervision of PhD A. Zawadzka, Faculty of Chemistry, University of Warsaw with collaboration with Prof. J. Vilarrasa, Faculty of Chemistry, University of Barcelona
10/2011 – 09/2014: Bachelor in Chemistry, Dr. Maciej Mazur, Department of Chemistry, University of Warsaw
10/2011 – 07/2014: Bachelor in Physics, Dr. Piotr Fita, Department of Physics, University of Warsaw

Secondments during ISOTOPICS

10/2018 – 12/2018 (10 weeks): radiosynthesis and applications of [18F] Langlois' reagent, Dr Christian Lemaire, Prof Andre Luxen, Cyclotron Research Center in GIGA Institute, University of Liege, Liege, Belgium

Trainings and secondments during ISOTOPICS

09/2016 – 02/2017 University of Oxford,MPLS Division courses (Poster Design&Presentation, Scientific Writing: Core Skills, Graduate Mass Spectrometry lectures, Graduate NMR course)

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)
03/2019 (3 days): 5th ISOTOPICS training, University of Oxford (Oxford, UK)

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)
01/2018*:* 'Selective radical trifluoromethylation of Native Residues in Proteins', M. Imiołek, G. Karunanithy, W. L. Ng, A. J. Baldwin, V. E. Gouverneur, B. G. Davis, J. Am. Chem. Soc., 2018, 140 (5), pp 1568–1571, doi: 10.1021/jacs.7b10230
06/2018: poster presentation, Gordon Research Conference&Seminar in Bioorganic Chemistry, (New Hampshire, USA)
07/2018: oral communication, 22nd International Symposium on Fluorine Chemistry, (Oxford, UK)
09/2018: 4th ISOTOPICS meeting, Karolinska Institutet (Stockholm, Sweden)
03/2019: 5th ISOTOPICS training, University of Oxford (Oxford, UK)
05/2019: Astra-Zeneca Graduate Symposium, University of Oxford (Oxford, UK)