Global Discovery to Development Innovation Forum - Speaker Bio

Yousef Mehellou - Lecturer in Medicinal Chemistry - Cardiff University

Dr. Youcef Mehellou obtained his Ph.D. from Cardiff University in 2009 where he applied phosphate prodrug technologies in the discovery of novel antiviral and anticancer therapies. This was followed by a postdoc with Prof. Sidney M. Hecht at the Biodesign Institute, Arizona State University, USA. In this role, Dr. Mehellou worked on developing new chemical strategies that facilitate the expansion of the genetic code. In late 2010, Dr. Mehellou was awarded an MRC Career Development Fellowship with Prof. Dario R. Alessi FRS at the University of Dundee. While in this position, Dr. Mehellou’s research dealt with unravelling the regulation of protein kinases by the scaffolding protein MO25. In March 2013, Dr. Mehellou took up a lectureship position at the University of Birmingham (UK) and from January 2017, he has been a lecturer in Medicinal Chemistry at the School of Pharmacy, Cardiff University. Dr. Mehellou’s lab focuses on the discovery of small molecules that manipulate signal transduction. Current interests are in the discovery of small molecule kinase modulators as novel treatment for neurodegenerative diseases and the development of specific small molecule T-cell modulators as novel immunotherapeutic agents.