



Biosketch

Title	Surname	Forename(s)
Prof. Dr.	Méndez-Ferrer	Simón

Item	Content
Current post	Professor of Transfusion Medicine, Department of Haematology, University of Cambridge. Principal Investigator-Wellcome Trust-MRC Cambridge Stem Cell Institute Principal Investigator-NHS Blood and Transplant, UK
PI Photo	  <p style="text-align: right;">ORCID ID</p>
Info about PI	Méndez-Ferrer has discovered a connection with bone marrow, the brain and other systemic signals which controls the behaviour of blood stem cells. His research has contributed to the dissection of the “niches” in which stem cells reside and to the understanding of the role of these niches in the development of myeloproliferative diseases.
Research Title	Haematopoietic stem cell niche
Information about group research	The Méndez-Ferrer laboratory research focuses on the regulation of the haematopoietic stem-cell niche in health and disease. Blood stem cells reside in specialised niches which allows them to self-renew, proliferate, differentiate and migrate according to the organism's requirements. His research has revealed multisystem regulatory mechanisms by which the HSC niche fulfils these complex functions and how the deregulation of these mechanisms contributes to myeloproliferative disorders. His translational research has fructified into two Phase-II multicentre clinical studies testing the possible redeployment of available drugs to modulate the HSC niche in myeloproliferative neoplasms. Ongoing efforts in his lab are targeting the microenvironment to improve bone marrow transplantation procedures and as a complementary therapeutic target for the treatment of myeloid malignancies.
PI websites	https://www.stemcells.cam.ac.uk/people/pi/mendez-ferrer http://www.haem.cam.ac.uk/staff/senior-staff/dr-simon-mendez-ferrer/ https://www.nhsbt.nhs.uk/research-and-development/current-research/research-programmes/haematopoietic-stem-cell-niche/ orcid.org/0000-0002-9805-9988 Researcher ID L-8088-2014 Scopus ID 6506497771 Google Scholar ID https://www.linkedin.com/in/simón-méndez-ferrer-4290bb64?lipi=urn%3Ali%3Apage%3Ad_flagship3_profile_view_base_contact_details%3BbQL7ExMFSX2AnxpsqJ430g%3D%3D