



Nick van Gastel obtained his Master's degree in Bioengineering from the University of Ghent (Belgium) in 2007. He then joined the lab of Dr. Geert Carmeliet at KU Leuven (Belgium), where he obtained his PhD in Biomedical Sciences in 2013 working on the development of bone regeneration strategies using skeletal stem cells, with a particular interest in cellular metabolism. Nick then continued his training as a postdoctoral fellow in the group of Dr. David Scadden at Harvard University (USA), where he studied the links between metabolism and chemotherapy resistance in leukemia. He joined the de Duve Institute (Belgium) as a Group Leader in 2020, and became an F.R.S-FNRS Research Associate and UCLouvain Associate Professor in 2021. Since 2022, Nick is also a WELBIO Investigator of the Walloon Excellence (WEL) Research Institute. His lab focuses on understanding the metabolic programs governing hematopoietic stem cell and leukemia cell behavior, and also studies how cells in the bone marrow use metabolites as a means of communication.