

Postdoctoral Fellow at UiT The Arctic University of Norway – The Stem Cell Aging and Cancer Group



The Group is led by NCMM Young Associate Investigator, Lorena Arranz (lorena.arranz@uit.no). Have a look at our website:

http://en.uit.no/forskning/forskningsgrupper/gruppe?p_document_id=396834

We use a variety of state-of-the-art techniques in the field of haematopoiesis, including novel mouse genetic tools, stem cells, *omics* and advanced imaging. Our group has a broad international network and strengthens translational research through established collaborations with the University Hospital of North Norway (UNN). Some of our research in the last years (*Grimolizzi & Arranz, 2018, Haematologica; Arranz et al, 2017, Blood Rev; Arranz et al, 2014, Nature; Sanchez-Aguilera et al, 2014, Cell Stem Cell*). Project details will be directly discussed with the applicants.

Applicants should have background in haematopoiesis and the HSC field, including FACS immunophenotype and functional assays of self-renewal, proliferation and differentiation both *ex vivo* and *in vivo*, i.e. transplantation. Experience with basic methods in molecular and cell biology, including extraction and sequencing of DNA/RNA, and immunofluorescence, are also required. Experience with mouse models of haematopoietic diseases and some knowledge of the HSC niche will be an advantage. We are seeking highly motivated scientists with a PhD and at least one first name-author publication in the haematopoietic field. In the evaluation of the applicants, scientific publications, as well as skills in the techniques listed, will be emphasized. Please provide two references.

Request for more information may be directed to Dr. Arranz.