

Bettina Nadorp



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Bioinformatics
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NYU Langone Health

Dr. Bettina Nadorp is an Assistant Professor in the Departments of Medicine and Pathology at NYU Grossman School of Medicine. Dr Nadorp has a MSc and PhD in Bioengineering from the Hebrew University of Jerusalem at The Alexander Silberman Institute of Life Sciences. She was a Postdoctoral Research Fellow at Princess Margaret Cancer Centre, University Health Network, Toronto, where she led and collaborated on multiple projects to understand cancer ‘stemness’ in Acute Myeloid Leukemia (AML) and glioblastoma (GBM) involving:

- Analyzing ATAC-Seq data to utilize transposable element accessibility as biomarkers of cancer ‘stemness’ in order to identify patients prone to recurrence and

relapse in AML

- Developing methods to identify cancer stem cells in AML and GBM using scATAC-seq data to enable future precision medicine approaches.

Subsequently, Dr Nadorp became a Senior Bioinformatics Programmer as a Postdoctoral Fellow in Aifantis laboratory, Department of Pathology, New York University School of Medicine. There she led and collaborated on multiple projects to advance the understanding of Acute Myeloid Leukemia, its bone marrow microenvironment and extramedullary disease using combinations of single cell technologies such as scRNA-seq, CITE-seq, ECCITE-seq, VDJ-seq and scATAC-seq. Currently, as an Assistant Professor, she is using computational approaches for the analysis of single cell data in human leukemia.

Interview by Gabriela Rocío Zamora Herrera – Immunopaedia Ambassador