

# Cluster Lecture

**Priv.-Doz. Dr. Nico Lachmann**

**Hannover Medical School, Institute of Experimental Hematology**

REBIRTH – Unit iPSC based Hematopoietic Regeneration

**„Stem cells and macrophages: from disease modeling to new therapies”**

**Tuesday, April 21<sup>st</sup>, 2020 at 5 pm**

**LIMES Institute, Seminar Room, Ground floor**

N. Lachmann (\*1980), PhD, is group leader for ‘Translational Hematology of Congenital Diseases’ in the Institute of Experimental Hematology at MHH.

His research focuses on the generation of patient specific induced pluripotent stem cells and the subsequent hematopoietic differentiation towards different mature cell subsets to gain insights into the disease pathophysiology and the development of new cell based treatment approaches. Studying the ontogeny of hematopoietic cells, particularly macrophages, from pluripotent stem cells he aims to generate designer immune cell targeting different genetic and non-genetic hematopoietic disorders.

Host: Prof. Dr. Elvira Mass