

Dr. med. Alexander Biederstädt

TranslaTUM
Center for Translational Cancer Research
Einsteinstraße 25
81675 Munich

TUM University Hospital
Ismaninger Str. 22
81675 Munich
Tel: +49 89 4140 4111



[Email](#) | [LinkedIn](#) | [X](#)

Alexander Biederstädt, M.D. is a Physician-Scientist and Junior Group Leader (Principal Investigator) with the Department of Internal Medicine III (Hematology and Medical Oncology) at TUM University Hospital. Dr. Biederstädt focuses on the treatment of patients with advanced hematologic malignancies using novel adoptive cell therapy approaches within the context of our CAR-T cell therapy service. During his postdoctoral training in the Rezvani lab at The University of Texas MD Anderson Cancer Center, Dr. Biederstädt pioneered new methods using CRISPR precision gene editing to engineer next-generation NK cell therapeutics with enhanced anti-cancer potency. Building on this

foundation, Dr. Biederstädt aims to devise novel strategies for synthetic biology-engineered NK cells with increased therapeutic efficacy. Ultimately, Dr. Biederstädt's cell therapy research program aims to develop powerful multi-engineered CAR-NK cell therapeutics positioned for rapid phase 1 clinical translation to combat advanced hematologic malignancies and aggressive solid tumors.

Dr. Biederstädt completed his medical degree at Ludwig-Maximilians University of Munich (LMU Munich) with clinical rotations at Harvard Medical School, Weill Cornell Medical College and the University hospital systems of Tokyo, Sydney and Zurich. He completed his medical dissertation (Dr. med.) at the Department of Internal Medicine I, LMU Munich, focusing on molecular cardiology and stem cell research. Dr. Biederstädt attained his clinical training in Internal Medicine and Hematology & Medical Oncology at the Technical University of Munich (TUM). He is a recipient of several notable scientific grants and awards including the prestigious DFG Walter Benjamin Fellowship.

Prior to joining our department, Dr. Biederstädt worked as Junior Engagement Manager/Senior Consultant at a premier global management consulting firm (McKinsey & Company) advising board-level clients from diverse stakeholders in the healthcare sphere, including payors, providers and leading global pharmaceutical innovators, focusing on clinical drug development, organizational design and mergers & acquisitions.