

Prof. Malek studied medicine at Hanover Medical University between 1989 and 1996, completing his doctorate in molecular biology. He is a board certified Internist with specialisation in gastroenterology and hepatology. From 1998 to 2001 Prof. Malek conducted his postdoctoral research at the Fred Hutchinson Cancer Center in Seattle, USA, where he studied the molecular control of cell division with respect to tumor formation. After returning to Hanover Medical University, he worked as a clinician scientist in internal medicine/gastroenterology and as a group leader at the Institute for Molecular Biology working in basic and translational cancer research. He obtained a professorship in cell division control in 2006 within the framework of the REBIRTH excellence cluster of the DFG. Prof. Malek has been the Medical Director of the Department of Internal Medicine (Gastroenterology, Hepatology and Infectious Diseases) at the Tübingen University Clinical Centre since 2011. His clinical work mainly involves the treatment of malignant diseases of the gastrointestinal tract and liver along with therapy for patients with chronic liver diseases. The focus of his scientific work is decoding cell division mechanisms, with the goal of developing new therapies for patients with gastrointestinal cancers using basic and translational medicine approaches including molecular biology, innovative mouse models, high-throughput drug screening and early clinical trials. In 2015 Prof. Malek initiated the creation of a new research institute at Tübingen hospital (The M3 Institute) which will study the interplay of microbiota, metabolism and malignancy. With the establishment of the Center for Personalised Medicine Tübingen in 2014, directed by Prof. Malek, he started to implement a precision medicine program within the university hospital and the health care system in the state of Baden Württemberg focusing on cancer but also inflammatory diseases. With implementing the nation-wide consortium “German network for personalized medicine – DNPM” in 2021 with twenty-one participating university hospitals, Prof. Malek fostered the next step towards realization of personalized medicine for real-world patient care.