

Prof. Dr. med. Simon Lebek, FESC completed his medical studies in Regensburg, Germany, where he earned his doctoral degree under the mentorship of Prof. Dr. Lars S. Maier. There, Dr. Lebek focused on myocardial function and the underlying pathomechanisms of various cardiovascular disorders. After achieving his habilitation in Experimental Internal Medicine, Dr. Lebek joined the laboratory of Prof. Dr. Eric N. Olson at the UT Southwestern Medical Center in Dallas, USA, supported by a Walter Benjamin Fellowship from the German Research Foundation (DFG). There, he employed CRISPR-Cas gene editing to disrupt pathological signaling pathways as a therapeutic strategy against common cardiovascular diseases. In 2023, Dr. Lebek was admitted to the DFG Heisenberg Program, which allowed him to establish his own independent research group in Regensburg. Since April 2024, he has been a Professor of Internal Medicine, Experimental Cardiology, and Gene Editing at the University Hospital Regensburg.