

Lothar Hennighausen, Ph.D.

Dr. Lothar Hennighausen is a geneticist whose career includes contributions in academia and government. A native of a small town in Germany, Dr. Hennighausen performed undergraduate work in Germany and Scotland, and earned his Ph.D. in Genetics with *magna cum laude* from the University of Cologne (Germany) in 1982. Dr. Hennighausen immigrated to the United States in 1983 to join the research group of Dr. Philip Leder at Harvard Medical School.



In 1985 Dr. Hennighausen came to the National Institutes of Health in Bethesda, Maryland to establish a research group. During his 22 years at the NIH, he moved up the ranks to become the Chief of the Laboratory of Genetics and Physiology at the National Institute of Diabetes, Digestive and Kidney Diseases and a member of Senior Biomedical Research Service. Dr. Hennighausen presently leads a research laboratory that explores genetic circuitry in organ development and disease using experimental mouse genetics. He has received scientific awards, including the Senior Humboldt Research Award and a Mercator Professorship by the Deutsche Forschungsgemeinschaft, he holds several patents, has published more than 200 papers and has delivered more than 300 speeches, including keynote lectures. Dr. Hennighausen has trained more than 50 scientists and former members of his laboratory hold positions in academia, industry and government on three continents.

Dr. Hennighausen uses the tools of molecular biology to unlock secrets of normal development and disease. He has repeatedly performed ground-breaking research whether it be the more prosaic investigations of milk protein gene expression or the wide-reaching explorations of cytokine signaling through the transcription factor Stat5. Dr. Hennighausen has made seminal observations about development of the mammary gland, which is reflected in the numerous citations of his research and inclusion of his work in basic texts. The tools he has developed are widely disseminated and contribute to the research efforts of laboratories worldwide.

Dr. Hennighausen takes the same enthusiastic approach to activities outside the lab as he does inside. He is an avid long distance cyclist (Randonneur) and finisher of the 1200km event Paris-Brest-Paris. He is married to Dr. Priscilla Furth, a cancer researcher and Professor at the Lombardi Comprehensive Cancer Center at Georgetown University. Dr. Hennighausen has a grown son living in Germany and three children pursuing their education in the U.S. Molly studies Drama and theater management at Ithaca College, Zach is a 2nd class cadet at the United States Coast Guard Academy in New London and Hannah, an ardent Field Hockey player, is a freshman at American University in DC.