This seminar series aims to give an overview on translational medicine starting from the disease towards the understanding of disease mechanisms, epidemiological evidence, identification of biomarkers and development of new therapies and drugs leading to clinical studies. It will also cover basic concepts in life science ranging from research ethics, good manufacturing practice, translation of knowledge from mice to men, data integration to the transfer of research to the clinics and industry. Basis researchers, physician scientists and clinicians will introduce challenges and success stories of translational research in the format of a 45 minute talk followed by a 15 minute discussion. The seminar series welcomes all researchers of the Center and is an integral part of the HELENA educational program.