The aim of staR (gastric cancer Research, www.star-project.md) is to identify genetic risk variants and corresponding genes for gastric cancer (GC) in the European population through genome-wide association studies (GWAS) and through the incorporation of already existing omics-data from different resources (e. g. GWAS data on esophageal adenocarcinoma for trans-phenotype meta-analyses, GWAS data on the susceptibility of H. pylori infection, and transcriptome-wide expression data from gastric tissue). The identification of genetic risk variants and risk genes will provide deep insights into the etiology of GC. Detailed clinical data from GC patients (incl. potential markers for disease prognosis) as well as detailed data on the outcome of anti-tumoral treatment will be used for genotype-phenotype (GxP) studies. This will lead to the identification of biomarkers for the prediction of disease course and treatment outcome. Identified risk genes will make new treatment targets available. If you are interested in joining us please contact us per e-mail at info@star-project.md.