Name: **Monika Stoll**

Position: **Professor of Genetic Epidemiology, Institute of Human Genetics, University of Münster, Germany   AND**

Extraordinary Professor of Genetic Epidemiology and Statistical Genetics, Cardiovascular Research Institute Maastricht (CARIM), Maastricht University, NL

Bio (between 100-130 words):

My research focuses on the genetics of multifactorial diseases, particularly of cardiovascular and inflammatory diseases. My group has developed algorithms for the analysis of genome-wide association studies (GWAS) and next generation sequencing (NGS) data, and employs all standard genetic epidemiological and statistical genetic analyses to the integration and analysis of complex data such as those coming from modern genomics applications. We run a genomics core facility and a (bio)informatics infrastructure for management of large data sets. Current projects related to large-scale analyses of tissue-specific whole transcriptomes ascertained through RNASeq in atrial fibrillation, the characterization of the genomic architecture underlying venous thromboembolism and stroke in children as well as the molecular mechanisms underlying heart failure phenotypes. (115 words).

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