Sylvia Nürnberg

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Position Junior Research Group Leader
Date of Birth 03-09-1974

Current Position

2021 – date Junior Research Group Leader – Secondary Use of Healthcare Data
University Hospital Hamburg-Eppendorf

Academic Career / Education and Training

2020 - 2021 Senior Scientist, Medical Informatics in Translational Oncology, DKFZ, DE
2018 - 2020 Scientist R&D, Research Genetics, Centogene GmbH, DE
2018 Research Associate, Cardiovascular Institute, University of Pennsylvania, USA
2014 - 2017 Postdoctoral Fellow, Cardiovascular Institute, University of Pennsylvania, USA
2012 - 2014 Postdoctoral Fellow, Department of Cardiovascular Medicine, Stanford University, USA
2008 - 2012 PhD in Haematology, University of Cambridge, UK
2002 - 2007 Diploma in Biology, University of Mainz, DE

Awards, Honors and other Activities

2017 Co-Chair - Gordon Research Seminar Atherosclerosis
2017 Abstract Reviewer –
ASHG Annual Conference (Cardiovascular Sciences Section)
2017 ChIP-Seq Bootcamp Organizer & Moderator –
AHA ATVB Annual Conference
2016 RNA-Seq Bootcamp Moderator, Genomics Session Co-Moderator –
AHA ATVB Annual Conference
2016 - 2018 Early Career Committee Member –
AHA Functional Genomics and Translational Biology Council

5 selected Publications

Vlachavas EI, …, **Nürnberg S**. A Detailed Catalogue of Multi-Omics Methodologies for Identification of Putative Biomarkers and Causal Molecular Networks in Translational Cancer Research. International Journal of Molecular Sciences. 2021; 22(6):2822.

Nurnberg ST, Guerraty MA, …, Rader DJ. Genomic profiling of human vascular cells identifies TWIST1 as a causal gene for common vascular diseases. PLoS Genet. 2020 Jan 9;16(1):e1008538.

Hühns M, **Nürnberg S**, …, Prall F. High mutational burden in colorectal carcinomas with monoallelic POLE mutations: absence of allelic loss and gene promoter methylation. Mod Pathol. 2020 Jun;33(6):1220-1231.

Nurnberg ST, Zhang H, …, Rader DJ. From Loci to Biology: Functional Genomics of Genome-Wide Association for Coronary Disease. Circ Res. 2016 Feb 19;118(4):586-606.

Han P, …, **Nuernberg ST**, …, Chang CP. A long noncoding RNA protects the heart from pathological hypertrophy. Nature. 2014 Oct 2;514(7520):102-106.