

# SARAH KIM-HELLMUTH – CURRICULUM VITAE

## PERSONAL INFORMATION

*Name* Sarah Kim-Hellmuth  
*Email* sarah.kim-hellmuth@helmholtz-muenchen.de  
*Website* <https://www.ccrh-hauner.de/kim-hellmuth-lab>

## EDUCATION

2014 **MD Doctorate** (*Summa cum laude*), Division of Clinical Pharmacology, Department of Internal Medicine, Ludwig-Maximilians-University, Munich  
2002 - 2009 **Medical training** at Ludwig-Maximilians-University and Technical University of Munich

## CLINICAL POSITIONS

Since 2021 **Specialist in Human Genetics** at the Department of Pediatrics, Dr. von Hauner Children's Hospital, University Hospital LMU Munich  
2019 - 2021 **Resident** at the Department of Pediatrics, Dr. von Hauner Children's Hospital, University Hospital LMU Munich  
2011 - 2015 **Resident** at the Institute of Human Genetics, University Hospital, University of Bonn

## RESEARCH POSITIONS

Since 2022 **Emmy Noether Research Group Leader** with joint appointment at the Dr. von Hauner Children's Hospital, University Hospital LMU Munich, Munich, Germany and the Institute of Translational Genomics, Helmholtz Munich – German Research Center for Environmental Health, Neuherberg, Germany  
Since 2020 **Principal Investigator of Ped-COVID-19 study** at the Dr. von Hauner Children's Hospital, University Hospital LMU Munich and Munich Child Health Alliance  
2021 **Helmholtz Young Investigator Group Leader** (this competitive award funded the first year of my group and was replaced by the more generous Emmy Noether programme)  
2015 - 2019 **Postdoctoral scientist** at the New York Genome Center and Columbia University, **Lead analyst** of Genotype-Tissue Expression (GTEx) consortium and subgroup leader of the cell type composition analysis team  
2011 - 2015 **Research fellow** at the Institute of Human Genetics and Institute for Clinical Chemistry and Clinical Pharmacology, University of Bonn  
**Guest researcher** at Statistical Genetics, Max-Planck-Institute of Psychiatry, Munich  
2009 - 2011 **MD thesis research fellow** at the Institute for Clinical Chemistry and Clinical Pharmacology, University of Bonn

## GRANTS/FELLOWSHIPS

Since 2022 DFG Emmy Noether Programme  
2021 Helmholtz Young Investigator Group  
2020 - 2021 Reinhard-Frank/Care-for-Rare Fellowship  
2017 - 2019 Marie Skłodowska-Curie Individual Global Fellowship IMAGENE  
2016 - 2017 Deutsche Forschungsgemeinschaft (DFG) Research Fellowship

## SCIENTIFIC HONORS AND AWARDS

Since 2022 Member of the Junge Akademie of the Berlin-Brandenburg Academy of Sciences and Humanities and the German National Academy of Sciences Leopoldina  
2022 Science Award for Basic Medical Research 2022 of the GlaxoSmithKline Foundation  
2021 Adalbert Czerny Award 2021 of the German Society of Pediatrics and Adolescent Medicine  
2018 New York Genome Center Outstanding Contribution Award  
2017 2017 ASHG/Charles J. Epstein Trainee Award for Excellence in Human Genetics Research – Semifinalist

- 2017 Best oral presentation award at the Gordon Research Seminar Human Genetics & Genomics  
2016 Advancement award of the Münchener Universitätsgesellschaft

### **SUPERVISION/MENTORING**

- Since 2020 Supervision of 3 PhD Students and 4 MD Students, Department of Pediatrics, Dr. von Hauner Children's Hospital, University Hospital LMU Munich, Germany and Helmholtz Zentrum München – German Research Center for Environmental Health, Neuherberg, Germany  
2015 - 2019 Co-mentor of 2 PhD students and 2 Master students, New York Genome Center, USA  
2011 - 2015 Co-mentor of 2 MD students, Institute for Clinical Chemistry and Clinical Pharmacology, University of Bonn, Germany

### **TEACHING**

- 2021 Didactics certificate „MeCum Intensiv-Seminar Lehre (InSeL)“  
Since 2020 Lecturer – 1. *Genes vs. Environment – the delicate balance between health and disease*, PhD program Genomic and Molecular Medicine; 2. *Genomic Medicine*, interdisciplinary CT seminar; 3. Tutorial *Paediatrics*, Modul 5, Medical Faculty, University Hospital LMU Munich, Germany  
2019 Instructor at *Functional Genetics Boot Camp*, Columbia University, USA  
2016 - 2018 Teaching Assistant at Cold Spring Harbor Laboratory Course *Statistical Methods for Functional Genomics*, Cold Spring Harbor Laboratory, USA  
2009 - 2015 Lecturer – 1. *Introduction to Human Genetics*, 1st clinical semester; 2. Practical Course *Genetics*, 2nd clinical semester; 3. *Antibiotics*, Clinical Pharmacology, 4th clinical semester, Medical Faculty, University of Bonn, Germany