Dr. rer. nat. HAICUI WANG

04/2020 - now	*Research scientist* Muscle Research Unit, Experimental and Clinical Research Center- joint cooperation of Charité Universitätsmedizin Berlin and the Max Delbrück Center for Molecular Medicine, Berlin, Germany

Experience and Training

08/2014 - 09/2019	Research scientist, University of Cologne, Center for Molecular Medicine Cologne (CMMC) and University Hospital Cologne, Department of Pediatrics, Cologne, Germany Mentor: Dr. med. Sebahattin Cirak
01/2010 - 06/2014	PhD studies in cell cytoskeleton, University of Marburg, Institute of Pharmacology and Toxicology, Marburg, Germany. PhD in Cell Biology and Biochemistry (03/2014) Mentor: Prof. Dr. Robert Grosse
09/2009 - 12/2009	Training in cancer cell transcription, University of Heidelberg, Institute of Pharmacology, Heidelberg, Germany
04/2009 - 07/2009	Training in bioinformatics, Pierre and Marie Curie University (Paris VI), Laboratory of theoretical physics of condensed matter, France Mentor: Prof. Dr. Jean-Marc Victor
01/2009 - 04/2009	Training in Neuroscience, Ecole Normale Supérieure Paris, Neurobiology Lab, Paris, France Mentor: Prof. Dr. Pierre Paoletti
09/2008 - 12/2008	Training in molecular biology, Pasteur Institute Paris, Unit of Biochemistry of Macromolecule Interactions, Paris, France Mentor: Prof. Dr. Daniel Ladant

Grants & Awards

2017 Fellowship Award, 22nd World Muscle Society Congress. St. Malo, France

2011 LOEWE Excellence program, an initiative of the German state government of Hesse, Germany

Papers (selected)

(1) **Wang H**, Kaçar Bayram A, Sprute R, et al. (2019) Genotype-phenotype correlations in Charcot-Marie-Tooth disease due to MTMR2 mutations and implications in membrane trafficking. ***Front Neurosci.*** 2019;13:974.

(2) **Wang H***, Schänzer A*, Kampschulte B, et al. (2018) A novel SPEG mutation causes non-compaction cardiomyopathy and neuropathy in a floppy infant with centronuclear myopathy. ***Acta Neuropathol Commun.*** 2018;6(1):83.

(3) **Wang H***, Claire Salter*, Osama Refai*, et al. (2017) Choline transporter mutations in severe congenital myasthenia disrupt CHT trafficking and localization. ***Brain*** 2017; 140(11):2838-2850.

(4) Karaoglu P, Quizon N, ..., **Wang H**, et al. Dropped head congenital muscular dystrophy caused by de novo mutations in LMNA. ***Brain Dev.*** 2017; 39(4):361-364.

(5) Baarlink C, **Wang H**, Grosse R. (2013) Nuclear actin network assembly by formins regulates the SRF coactivator MAL. ***Science*** 2013; 340(6134): 864-7.