

Curriculum Vitae

PD Dr. Julia Erika Weigand

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Date of birth: 23.01.1981, Nürnberg

Nationality: German

Children: 1 child, 23.11.2014



Research focus

- Role of RNA structures in gene expression and SARS-CoV-2 biology
- Role of posttranscriptional gene regulation in hypoxia adaptation
- Assembly of RNA-protein complexes

Research experience

01/2021	Privatdozent, Technical University of Darmstadt
12/2020	Habilitation in Molecular Biology, Technical University of Darmstadt, Title: "How RNA-protein interactions shape our transcriptome: From cellular stress responses to mRNA structures."
06/2012 - current	Research associate (junior group leader) at the Department of Biology, Technical University of Darmstadt
2015	Maternity leave, I worked 50%.
01/2012 – 05/2012	Postdoctoral scholar at the Institute for Molecular Biosciences, Goethe-University Frankfurt am Main, Prof. Dr. Beatrix Suess
01/2010 – 12/2011	Postdoctoral scholar at the Institute for Cardiovascular Regeneration, Centre for Molecular Medicine, Goethe-University Frankfurt am Main, Prof. Dr. Stefanie Dimmeler

Education

01/2006 – 12/2009	PhD thesis at the Institute for Microbiology, Friedrich-Alexander-University Erlangen-Nürnberg, since 08/2007 at the Institute for Molecular Biosciences, Goethe-University Frankfurt am Main, Prof. Dr. Beatrix Suess, Title: "Identification, characterization and application of engineered riboswitches" (<i>summa cum laude</i>)
01/2005 – 09/2005	Diploma thesis at the Institute for Microbiology, Friedrich-Alexander-University Erlangen-Nürnberg, Prof. Dr. Wolfgang Hillen, Title: "Charakterisierung von RNA-Regulatorelementen" (1.0)
09/2000 – 09/2005	Studies of Biology (Diploma) at the Friedrich-Alexander-University Erlangen-Nürnberg

Prizes

2016	Prize of the Adolf Messer Foundation (endowed with 50,000 €)
2010	Award for the best PhD thesis at the Institute for Molecular Biosciences 2009/10 (endowed with 500 €)

Scholarships

05/2013 – 08/2016	Own position funded by the Else Kröner-Fresenius-Foundation
01/2010 – 12/2011	Postdoc-Stipend of the ECCPS (Excellence Cluster Cardio-Pulmonary System)

Additional qualifications and activities

Editorials	Coordination of the “Trendberichte Biochemie” in “Nachrichten aus der Chemie” of the GDCh (Gesellschaft Deutscher Chemiker) (Juli/August 2020)
Meeting Organization	GBM Lunch Meeting Talk (January 2021) 2-day Web-Conference: “Exploring the druggability of SARS-CoV-2” (November 2020) Merck Healthcare/GBM Virtual Get-Together (November 2020) GBM Young Investigators Industry Event at Roche (postponed to 2022)
Societies	Speaker of the GBM Young Investigators (since 12/2020) Steering Board GBM Young Investigators (since 11/2018) Mentee in the mentoring program “ProProfessur” (05/2018-11/2019) RNA Society (since 2008) Gesellschaft für Biochemie & Molekularbiologie (GBM) (since 2006)
Peer review activity	Nature Chemical Biology, Oncogenesis, Chemical Communications, ACS Synthetic Biology, FEBS Journal, Frontiers in Molecular Biosciences, Scientific Reports, European Journal of Pharmaceutical Sciences, MDPI Journals: Cancers, International Journal of Molecular Sciences, Cells, Biomolecules, Genes, Molecules