

Curriculum Vitae

Dr. phil. nat. Julia Erika Weigand

Technical University of Darmstadt
Schnittspahnstr. 10
DE-64287 Darmstadt
Telephone: +49 6151 16 22005
Fax: +49 6151 16 22003



E-Mail: julia.weigand@tu-darmstadt.de
Website: weigand-lab.de

Date of birth: 23.01.1981, Nürnberg
Nationality: German
Children: 1 child, 23.11.2014

Research focus

- Posttranscriptional gene regulation: Role of mRNA structures
- Stress signaling: Role of RNA-binding proteins in hypoxia adaptation
- Assembly of RNA-protein complexes: RNA structure-based recognition
- Synthetic Biology: Control of non-coding RNAs by directed protein recruitment

Research experience

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" (*summa cum laude*)

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

| | |
|-------------------------|---|
| Scientific publications | Coordination of the “Trendberichte Biochemie” in “Nachrichten aus der Chemie” of the GDCh (Gesellschaft Deutscher Chemiker) (Juli/August 2020) |
| Meeting Organization | GBM Young Investigators Industry Event at Merck Healthcare KGaA (postponed to November 2020) GBM Young Investigators Industry Event at Roche (November 2020) |
| Societies | 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, Scientific Reports, European Journal of Pharmaceutical Sciences, MDPI Journals: Cancers, International Journal of Molecular Sciences, Cells, Biomolecules, Genes, Molecules |