

Dr. rer. nat.

Lena Johanna Gockeln

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Curriculum Vitae



EDUCATION

- 06/2018 – 05/2023 **PhD in Biology**, *summa cum laude*
University of Duisburg-Essen, Essen
- 09/2015 – 01/2018 **Master Medical Biology**, Clinical Biology track, *cum laude*
Radboud University, Nijmegen, NL
- 09/2012 – 08/2015 **Bachelor Medical Biology with Minor Medicine**, *cum laude*
Radboud University, Nijmegen, NL
- 06/2012 – 07/2012 **Chemistry Course**, IFBM Cologne
- 08/2003 – 06/2012 **General Qualification for University Entrance**
Gymnasium Borbeck, Essen

EXPERIENCE

- since 05/2023 **Postdoc position – University Medicine Essen Medical Scientist Academy (UMESciA)**
Relevance of biological factors for the outcome of radio-immunotherapy combinations
Institute of Cell Biology (Cancer Research), Universital Hospital Essen
- 06/2018 – 05/2023 **PhD Thesis**
Neuropilin-1 as a therapeutic multi-target in radiation-induced lung fibrosis
Institute of Cell Biology (Cancer Research), Universital Hospital Essen
Supervisor: Prof. Dr. Verena Jendrossek, Dr. Florian Wirsdörfer
- 10/2016 – 04/2017 **Second Master Thesis**
Intra-donor variance in the immunomodulative function of mesenchymal stem cell-derived extracellular vesicles
Institute of Transfusion Medicine, Universital Hospital Essen
Supervisor: PD Dr. Bernd Giebel
- 11/2015 – 06/2016 **First Master Thesis**
Peroxisome proliferator-activated receptor gamma agonists reduce heparanase expression and the development of proteinuria
Nephrology Department, RadboudUMC, Nijmegen, NL
Supervisor: Prof. Dr. Johan van der Vlag
- 11/2014 – 01/2015 **Bachelor Thesis**
Identification and validation of genetic variations in the mitochondrial aminoacyl-tRNA synthetase genes YARS2 and RARS2
Translational Metabolic Laboratory, RadboudUMC, Nijmegen, NL
Supervisor: Prof. Dr. Bert van den Heuvel

AWARDS

- **Poster price**
Deutsche Gesellschaft für Biologische Strahlenforschung (DeGBS) Annual Meeting (2023)
- **Poster price**
Universitätsklinikum Essen Research Day (2020)
- **Poster price**
International Conference GRK 1739: DNA Damage and Beyond (2019)

LANGUAGE SKILLS

- German** Native speaker
- English** Certificate of Additional Language Qualifications for Bilingual Studies
- Dutch** RU-NT2 Certificate
- French** DELF A2 Certificate
- Latin** Latin Proficiency Certificate

ADDITIONAL QUALIFICATIONS

- **FELASA B Certificate** (mice and rats)