

The DFG funded multi-centre Collaborative Research Consortium CRC/TRR 205 offers the following position within its 2nd funding period:



PhD Student (f/m/x) – life science

Starting September 1st, 2021 - initially limited to 3 years

Our project

The present project aims to explore ferroptosis based strategies as potential treatment strategies for Adrenocortical Carcinomas (ACC). The student will be involved in characterizing specific regulatory networks in ACC that prevent ferroptosis in vitro and in vivo. The project is a close collaboration with the groups of Prof. Matthias Kroiss and Dr. Isabel Weigand.

What we offer

- unparalleled platform of cutting-edge model systems (mice, pigs)
- comprehensive training in functional genetic approaches including CRISPR based screens
- State of the art metabolomics and genomics platforms
- comprehensive tissue, plasma, and clinical cohorts among the largest in the world
- Young Scientist and Clinician Scientist Programme with workshops, mentoring and peer group exchange
- Lab-rotation between the involved institutes
- Position according to the TV-L conditions (E13, 65%)

What we expect

- Background in biochemistry, cell biology, or relevant field
- Master's degree (or Diploma) in relevant area
- Team working skills, interdisciplinary cooperation
- High degree of personal commitment and interest in an academic career
- Excellent communication skills, both in verbal and written English

Relevant Publications

Weigand et al., *Cell Death Dis* 2020, PMID: 32184394

Doll et al., *Nat Chem Biol* 2017 PMID: 27842070

Doll*, Freitas* et al., *Nature* 2019, PMID: 31634899

Friedmann Angeli et al., *Nat Rev Cancer* 2019, PMID: 31101865

Contact Details:

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The TRR205 is committed to increase the proportion of women in all areas and positions in which women are underrepresented. Qualified female applicants are therefore particularly encouraged to apply.

Among candidates with equal aptitude and qualification, a person with disabilities will be given preference.

Become part of a multi-disciplinary and international team:

We are looking forward to your application (CV, publications, references, motivation letter)– preferably per email to

pedro.angeli@uni-wuerzburg.de