

## PROFILE AREA

# REPRODUCTION IN HUMANS AND ANIMALS

### Our Research

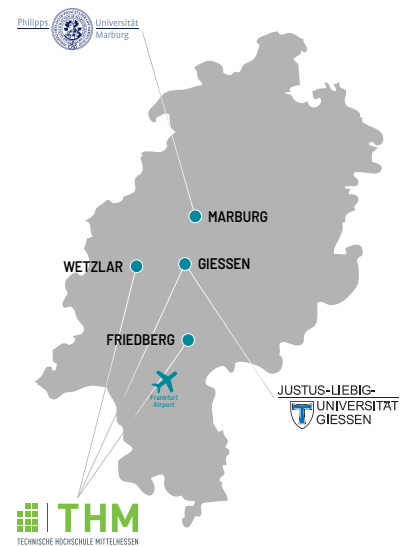
Infertility is a problem confronting one in six to seven couples hoping to have children, tendency increasing. Scientist within the Profile Area aim to identify hitherto unknown causes of infertility and to uncover the molecular mechanisms of known fertility disorders. For example, nutrition has been shown to be a factor influencing fertility. Up to 30 % of male fertility disorders are caused by inflammation and infections.

An International Research Training Group (IRTG) is investigating the influence of inflammation and infections on the male sexual organs. Another goal of the research conducted within the Profile Area is to improve the chances of success of assisted reproduction in humans and animals (in-vitro fertilisation, intracytoplasmic sperm injection).

### Our Key Questions

- What are the causes of infertility?
- How can the success of assisted reproduction in humans and animals be improved?
- What is the role of nutrition in fertility?

### FCMH Partners



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### Current Research Projects

- DFG IRTG 1871 Giessen – Monash: Molecular Pathogenesis of Male Reproductive Disorders

### Research Infrastructures

- Hessian Centre for Reproductive Medicine (interdisciplinary institution at Justus Liebig University Giessen)

### Contact Persons

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### More Information



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