MEDICAL FACULTYUNIVERSITY HOSPITAL MAGDEBURG

EXPERIMENTAL OBSTETRICS AND GYNAECOLOGY

Methods

- Flow Cytometry
- Protein isolation, -quantification and Western Blot
- Tissue embedding (cryo und Paraffin)
- Immunohistochemistry
- Immunohistology
- Immunofluorescence
- ELISA
- Hormone Measurements
- DNA Isolation (from cells and tissue)
- RNA Isolation (from cells and tissue)
- Classic PCR
- Quantitative PCR (SybrGreen and TaqMan Probe)
- Transduction and Transfection (Retrovirus)
- Isolation of cell populations (Treg, DCs, CD4+ cells)
- Cell culture (cell lines and primary cultures)
- Proliferation assays
- Migration assays
- siRNA transfection
- Murine models for miscarriage, pre-eclampsia, pseudo-pregnancy
- In vivo experiments (mouse): i.p., i.v. injections, immunization, cell transfer, blood pressure measurement, measurement of physiological parameters, gene therapy, in vitro fertilization (IVF), hormonal stimulation

Secretariat:

Tel: +49 391-67-17460

Fax: +49 391-67-17440

exgyn@med.ovgu.de