

## Core Facility Imaging

### Immunohistochemical staining

Visualization of antigens in cells and tissues by immunocyto- and histochemistry is a routine technique in life sciences. There are a variety of interfering factors and pitfalls. Tissue fixation, antigen retrieval, identification of appropriate detection method, and the inclusion of positive and negative controls are important factors for successful staining and interpretation of data.

Theory: selection of fixative and embedding, antigen retrieval, selection of antibodies, detection methods, multiple staining.

Practical part: staining of vessels with anti-von Willebrand factor antibody in different tissues using chromogenic and fluorescent detection, documentation of staining.

**Teaching and learning method:** 20% lecture and 80% practical work

**Languages of instruction:** English or German

**Target audience:** PhD students, technicians and researchers

**Entrance qualifications:** none

**Costs:** 300 Euro (University)/ 400 Euro (Company)

**Registration:** [zmf-sekretariat@medunigraz.at](mailto:zmf-sekretariat@medunigraz.at) (deadline: October, 31<sup>st</sup> 2019)

As the number of participants is limited (min. 4 and max. 8), please register early to confirm your seat!

**DFP: 7-Points**

November 14<sup>th</sup> 2019 (9 am – 4pm)

**ZMF seminar room ground floor EG-086**

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