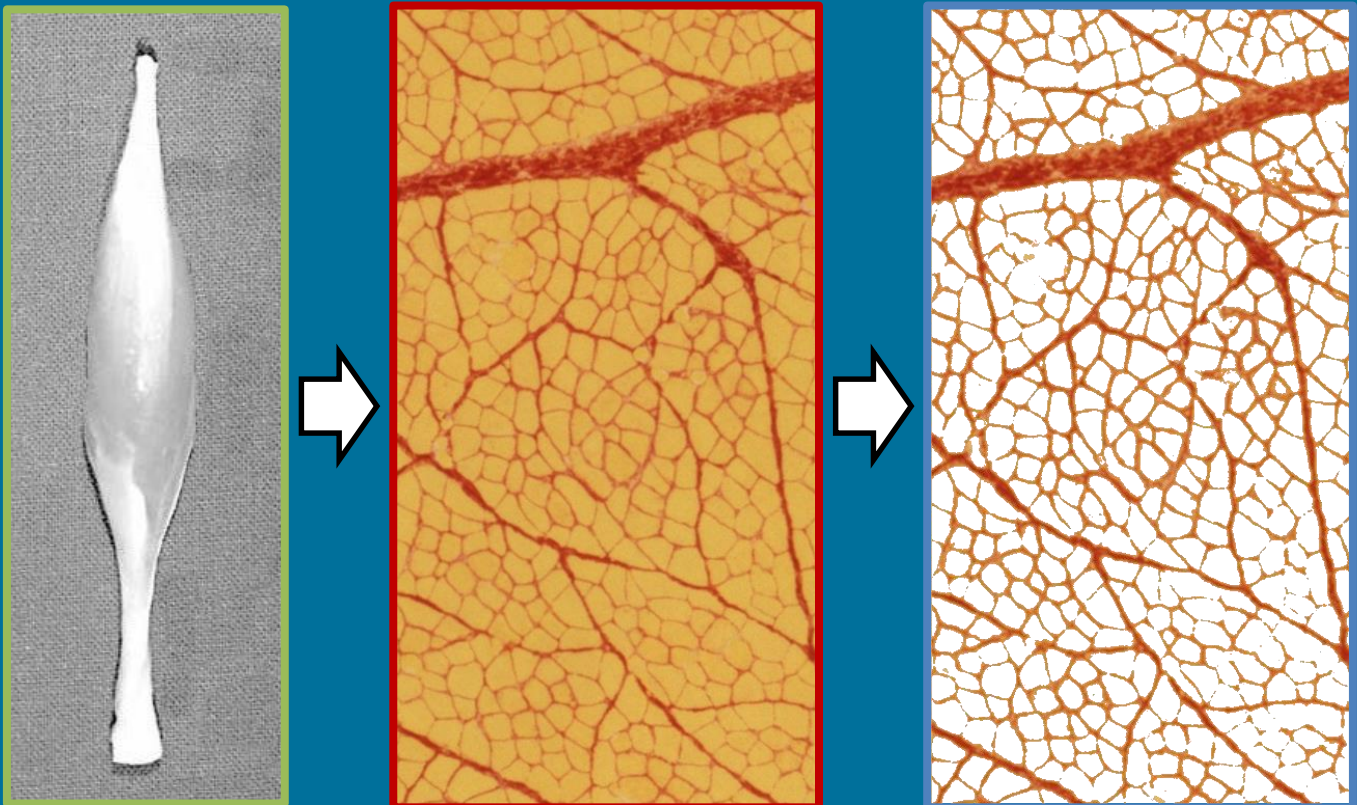


Identification of muscle tissue constituents from histological sections

Proposed thesis topic



The main goal of this thesis is the development of a routine for the analysis of muscle tissue architectural parameters (e.g. muscle fibre size or the percentage of the extracellular matrix) on the basis of histological sections. The following main tasks are proposed:

- Literature research
- Development of an analysis routine (e.g. with Matlab)
- Determination of architectural parameters and comparison with values from the literature