The institute of pathology offers a complete morphologic phenotyping of mouse models using all the ancillary techniques available for diagnosis in human pathology. The analysis is performed by a human pathologist with many years of experience in mouse pathology.

Our mission is to help the basic researcher to understand the histological changes induced in a Genetically Engineered Mouse (GEM) and whether or not these lesions relate to a human disease. Through the complete morphological phenotype, we help to discover genes’ functions and to understand how a specific gene influences the development of a human disease.

Members:
PD Dr. Leticia Quintanilla-Fend
Prof. Dr. rer. nat. Hartwig Wolburg
Dr. Sabrina Bettio
MTA Claudia Kloss
Prof. Dr. Falko Fend

Special Stains
- PAS
- Prussian blue (iron)
- Van Gieson
- Calcitonin
- Tdt
- GFAP

Publications
4. Raffegerst SH et al. (2009) Diverse hematological malignancies including Hodgkin-like lymphomas develop in chimeric MHC class II transgenic mice. PLos One, 4:e8539

Electron microscopy