

## Histological examinations

### Service for the veterinarian in private praxis

Not every practicing veterinarian has the opportunity to carry out histological examinations himself promptly and might therefore call on our external service because the material can be sent without being harmed.

Histological studies are essential complementary to clinical and macroscopic examination in order to make accurate diagnoses. Tissue samples, usually stained specifically, are evaluated microscopically. These preparations can be samples of operations, excisions and biopsies, with small pieces of tissue being sufficient. In diseases of the skin, for example biopsies must be taken when the suspected cause lies in the deeper layers of skin and autoimmune diseases, abnormalities in the hair follicles, pigmentation of the skin or tumors are suspected.

There are many questions that can be answered using a histological examination. It is very important in cancer diagnosis as in the early diagnosis of tumors and their classification. But it may also be applied in the detection of metabolic disorders and in the investigation of parasitic, bacterial or inflammatory diseases and provide assistance in the choice of treatment. The histology is not least important for the assessment of diagnostic laboratory results.

In case of detection of morphological changes in a histological study the specific detection of certain pathogens in the tissue can be performed by subsequent immunohistochemical studies.

For a good histological examination the quality of the samples is important. If you are interested in our services we provide detailed information on appropriate specimen collection and a possible treatment or fixation of the sample.

Also important are a clear labeling of the vials and the careful completion of our examination order form.

