



**DESCRIPTION OF THE FIELD IN WHICH HABILITATION / INAUGURAL
PROCEEDINGS ARE HELD**

Laboratory Medicine

University	Trnava University in Trnava
School	Faculty of Health Care and Social Work
Name of field of habilitation / inaugural proceedings ("HIP")	laboratory medicine
Academic program to which the HIP is assigned	5618 laboratory medicine
Doctoral academic programs in the field to which HIP is assigned	Laboratory Medicine in full-time (Slovak Language) and part-time form (Slovak Language)
Postgraduate academic programs in the field to which HIP is assigned	Laboratory Medicine in full-time (Slovak Language) and part-time form (Slovak Language)

The contents of the HIP field

Name of the HIP field: **Laboratory Medicine**

Content of the HIP field: The content of the academic department Laboratory medicine is a collection of knowledge, procedures and research methods focused on issues of laboratory investigation and imaging methods in healthcare. The basic goal of the academic programme of Laboratory Medicine is to acquire knowledge from the full spectrum of laboratory medicine, such as clinical microbiology, clinical biochemistry, clinical hematology, clinical immunology, pathology, cytology, pharmacology, medical genetics and imaging methods in healthcare. The subject of research in the academic programme is the determination of adequate laboratory diagnostics for the provision of adequate health care, the search for new laboratory parameters for diagnosis, the detection of the pathogenesis of various diseases, the definition of the main health problems in connection with the dynamics of demographic, socio-economic and environmental conditions in the population in the range of all diseases (infectious, non-infectious and genetic). The academic programme reflects on the requirements of practice in the field of hospital hygiene, prevention of hospital infections and resistance to antibiotics with a focus on the development of new methods in the fight against antibiotic resistance, the implementation of standard infection prevention and control procedures in practice and their subsequent evaluation.

As part of the process of habilitation and inauguration proceedings, the applicant



demonstrates pedagogical abilities and skills as well as capabilities in relation to scientific research and creative activities in the field.

Definition of the HIP field

The content of the HP and IP field is in line with the focus of the Laboratory Medicine academic programme, to which it is assigned. The content of the field is defined in such a way that it corresponds to the main topics of the core knowledge of the Laboratory medicine academic programme. The main content elements of the HP and IP field are primarily based on:

- the application of new scientific methods of research and development in the field of laboratory medicine,
- the analysis of the physiological and pathological parameters of diseases obtained with the help of all branches of laboratory medicine,
- the implementation of research methodologies and the possibility of statistical evaluation of data,
- the correct selection of information and the subsequent selection of appropriate laboratory methods to achieve the expected results,
- an adequate interpretation of the research results,
- multidisciplinary scientific and research capabilities,
- formulating a research intention and the ability to implement it.

Persons responsible for development and quality assurance of the field:

Prof. RNDr. František Ondriska, PhD.
associate prof. Ing. Stanislava Blažíčková, PhD., MPH.
Prof. RNDr. Vladimír Bošák, CSc.

More information available on websites of the department at
<https://fzsp.truni.sk/personalne-zabezpecenie-katedry-lvmvz>

Criteria - "Associate professor" and "Professor"

Criteria for earning the scientific-teaching degree of "Associate professor" and criteria for earning the scientific-teaching degree of "Professor" of the Trnava University in Trnava, Faculty of Health Care and Social Work

Available at:
<https://fzsp.truni.sk/legislativa>