

Outline of the description of the habilitation and inauguration proceedings

1. Definition of the subject of habilitation proceedings and inaugural proceedings

Name of the university: Comenius University Bratislava

University seat: Šafárikovo námestie 6, 814 99 Bratislava

University identification number: 00397865

Faculty name: Jessenius Faculty of Medicine

Faculty seat: Malá Hora 10701/4A, 03601 Martin, Slovak Republic

Name of the habilitation and inauguration proceedings: Medical biophysics

Valid decision to grant the rights: Decision number: 2015-18766-15A0,

Text of the decision: Granting without any time limitations.

Contents definition: Medical biophysics is part of the General Medicine study field. It is an interdisciplinary subject area of science using the knowledge of biophysics, medical sciences, bionics and informatics to study problems related to explanation the causes of the physical fundament of biological processes and physiological processes, as well as methods for diagnosis and treatment of human diseases. It intervenes in several theoretical and clinical medical disciplines, including medical biocybernetics, micro- and nanotechnologies. The main topics of the core knowledge of the study field include theoretical and preclinical disciplines, in particular: Medical biology, Physiology, Human genetics and Bioinformatics. The Medical biophysics from a point of theory solves biophysical problems at the level of cell, tissue and organ functions that are directly related to human health and disease. It is mainly: 1) the study of the physicochemical essence of physiological and pathological processes and related principles of diagnosis and therapy of diseases, as well as 2) the analysis of the effects of physical factors on the human body in terms of creation and protection of living and working environment. The common feature of both study types is the use of modern biotechnology and special instrumentation. Their creative development is a basic precondition how to reach the scientific and pedagogical degrees of Associate and Full Professor in Medical biophysics.

Degree awarded: associate professor (docent, doc.); professor (prof.)

Assignment to the field of study(s): General medicine

Within the study field of General medicine, the faculty has accredited the following study programs of the 3rd degree:

Anatomy, histology and embryology

Normal and pathological physiology

Internal medicine

Surgery

Gynaecology and obstetrics

Paediatrics

Neurology

Pathology and forensic medicine

Medical biophysics

Medical, clinical and pharmaceutical biochemistry

2. Staffing of the habilitation and inauguration proceedings

persons responsible for the H&IP:

prof. MUDr. Ján Jakuš, DrSc.

prof. RNDr. Ivan Poliaček, PhD.

doc. RNDr. Michal Šimera, PhD.

Link to the composition of the Scientific Board:

University Scientific Board: <https://uniba.sk/veda/vedecka-rada-uk/zlozenie-vr-uk/>

Faculty Scientific Board: <https://www.ifmed.uniba.sk/veda/vedecka-rada/>

Access to the outputs of creative activities

prof. MUDr. Ján Jakuš, DrSc.

Link to Research/art/teacher profile of a person: <https://www.jfmed.uniba.sk/veda/akreditacia-2022-zosuladenie-habilitacnych-a-inauguracnych-konani-s-vnutornym-systemom-kvality-a-standardmi-pre-habilitacne-konanie-a-inauguracne-konanie-saavs/lekarska-biofyzika/>

Link to Characteristics of the submitted research/ artistic/other

output: <https://www.jfmed.uniba.sk/veda/akreditacia-2022-zosuladenie-habilitacnych-a-inauguracnych-konani-s-vnutornym-systemom-kvality-a-standardmi-pre-habilitacne-konanie-a-inauguracne-konanie-saavs/lekarska-biofyzika/>

prof. RNDr. Ivan Poliaček, PhD.

Link to Research/art/teacher profile of a person: <https://www.jfmed.uniba.sk/veda/akreditacia-2022-zosuladenie-habilitacnych-a-inauguracnych-konani-s-vnutornym-systemom-kvality-a-standardmi-pre-habilitacne-konanie-a-inauguracne-konanie-saavs/lekarska-biofyzika/>

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doc. RNDr. Michal Šímera, PhD.

Link to Research/art/teacher profile of a person: <https://www.jfmed.uniba.sk/veda/akreditacia-2022-zosuladenie-habilitacnych-a-inauguracnych-konani-s-vnutornym-systemom-kvality-a-standardmi-pre-habilitacne-konanie-a-inauguracne-konanie-saavs/lekarska-biofyzika/>

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3. Level of criteria for evaluating the fulfillment of the conditions for obtaining the title of associate professor

Link to current criteria:

General criteria for obtaining the title of associate professor and professor at Comenius University Bratislava https://uniba.sk/fileadmin/ruk/veda/Legislativa/Vp_2021_24_Ramcove_kriteria_na_ziskavanie_titulu_docent_a_profesor.pdf

<https://uniba.sk/veda/habilitacne-a-vymenuvacie-konania/kriteria-pre-habilitaciu-docentov-a-vymenuvanie-profesorov/>

Criteria for evaluating the fulfillment of the conditions for obtaining the scientific-pedagogical title "associate professor" and criteria for evaluating the fulfillment of the conditions for obtaining the scientific-pedagogical title "professor" at the Jessenius Faculty of Medicine of Comenius University Bratislava valid from 1.9.2022:

https://uniba.sk/fileadmin/ruk/veda/Kriteria_hab_a_prof/JLF_UK_HIK_schvalene.pdf
účinné od 1.9.2022

Criteria for evaluating the fulfillment of the conditions for obtaining the scientific-pedagogical title "associate professor" and criteria for evaluating the fulfillment of the conditions for obtaining the scientific-pedagogical title "professor" at the Jessenius Faculty of Medicine of Comenius University Bratislava valid from 1.5.2022:

https://www.jfmed.uniba.sk/fileadmin/jlf/Dekanat/referat-pre-vedecko-vyskumnu-cinnost/HaI_legislativa/VP_2022_11_Kriteria_JLF_UK_prof._doc..pdf

<https://www.jfmed.uniba.sk/veda/habilitacne-a-inauguracne-konania/>

Reference to previous texts with indication of validity:

General criteria for obtaining the title of associate professor and professor at Comenius University Bratislava valid from 1.4.2014 to 31.8.2022

https://uniba.sk/fileadmin/ruk/veda/Legislativa/vp_2014_3.pdf

Criteria for evaluating the fulfillment of the conditions for obtaining the scientific-pedagogical title "associate professor" and criteria for evaluating the fulfillment of the conditions for obtaining the scientific-pedagogical title "professor" at the Jessenius Faculty of Medicine of Comenius University Bratislava valid from 1.4.2014 do 30.4.2022:

https://www.jfmed.uniba.sk/fileadmin/jlf/Dekanat/referat-pre-vedecko-vyskumnu-cinnost/Hal_legislativa/VP_2014_13_KritDocProf2014_JLFUK_03032014.pdf

4. Level of criteria for evaluating the fulfillment of the conditions for obtaining the title of professor

Link to current criteria:

General criteria for obtaining the title of associate professor and professor at Comenius University Bratislava

https://uniba.sk/fileadmin/ruk/veda/Legislativa/Vp_2021_24_Ramcove_kriteria_na_ziskavanie_titulu_docent_a_profesor.pdf

<https://uniba.sk/veda/habilitacne-a-vymenuvacie-konania/kriteria-pre-habilitaciu-docentov-a-vymenuvanie-profesorov/>

Criteria for evaluating the fulfillment of the conditions for obtaining the scientific-pedagogical title "associate professor" and criteria for evaluating the fulfillment of the conditions for obtaining the scientific-pedagogical title "professor" at the Jessenius Faculty of Medicine of Comenius University Bratislava valid from 1.9.2022:

https://uniba.sk/fileadmin/ruk/veda/Kriteria_hab_a_prof/JLF_UK_HIK_schvalene.pdf

účinné od 1.9.2022

Criteria for evaluating the fulfillment of the conditions for obtaining the scientific-pedagogical title "associate professor" and criteria for evaluating the fulfillment of the conditions for obtaining the scientific-pedagogical title "professor" at the Jessenius Faculty of Medicine of Comenius University Bratislava valid from 1.5.2022:

https://www.jfmed.uniba.sk/fileadmin/jlf/Dekanat/referat-pre-vedecko-vyskumnu-cinnost/Hal_legislativa/VP_2022_11_Kriteria_JLF_UK_prof_doc..pdf

<https://www.jfmed.uniba.sk/veda/habilitacne-a-inauguracne-konania/>

Reference to previous texts with indication of validity:

General criteria for obtaining the title of associate professor and professor at Comenius University Bratislava valid from 1.4.2014 to 31.8.2022

https://uniba.sk/fileadmin/ruk/veda/Legislativa/vp_2014_3.pdf

Criteria for evaluating the fulfillment of the conditions for obtaining the scientific-pedagogical title "associate professor" and criteria for evaluating the fulfillment of the conditions for obtaining the scientific-pedagogical title "professor" at the Jessenius Faculty of Medicine of Comenius University Bratislava valid from 1.4.2014 do 30.4.2022:

https://www.jfmed.uniba.sk/fileadmin/jlf/Dekanat/referat-pre-vedecko-vyskumnu-cinnost/Hal_legislativa/VP_2014_13_KritDocProf2014_JLFUK_03032014.pdf

5. Rules and procedures of habilitation procedure and inauguration procedure

Reference to the internal regulation in force or part thereof:

[Vp_2021_25_Pravidla_pre_tvorbu_a_posudzovanie_podkladov_HaIK.pdf \(uniba.sk\)](#)

Reference to previous texts with indication of validity:

The full text of Internal Regulation no. 16/2013 Principles of the habilitation procedure for the award of the title of associate professor and the appointment procedure for a professor at Comenius University in Bratislava, as amended by Supplement no. 1 Comenius University Bratislava valid from 1.4.2014 to 31.8.2022

https://uniba.sk/fileadmin/ruk/veda/Legislativa/vp_2014_7.pdf

<https://www.ifmed.uniba.sk/pracoviska/dekanat/referat-pre-vedecko-vyskumnu-cinnost/predpisy-a-vyhlasaky/habilitacne-konania-a-konania-na-vymenuvanie-profesorov/>

<https://www.ifmed.uniba.sk/pracoviska/dekanat/referat-pre-vedecko-vyskumnu-cinnost/tlaciva/>

6. Links to completed proceedings and their results in 2016-2022:

Inaugural procedures:

prof. RNDr. Ivan Poliaček, PhD. <https://uniba.sk/veda/habilitacne-a-vymenuvacie-konania/vymenuvacie-konania/vymenuvacie-konania-2018/>,

appointment as professor of Medical biophysics on 19.9.2018.

doc. RNDr. Katarína Kozlíková, CSc. <https://uniba.sk/veda/habilitacne-a-vymenuvacie-konania/vymenuvacie-konania/>,

inaugural procedure finished in the Scientific board of the Jessenius Faculty of Medicine on 21.6.2018, failure to meet the JLF UK criteria for awarding the title of professor.

Habilitation proceedings:

doc. RNDr. Michal Šimera, PhD. <https://uniba.sk/veda/habilitacne-a-vymenuvacie-konania/habilitacne-konania/habilitacne-konania-2019/>,

issuance of a decree on the award of the scientific-pedagogical title of associate professor in the field of Medical biophysics with effect from 1.7.2019.

7. Links to ongoing proceedings: none