

Research/art/teacher profile of a person

Name and surname	PharmDr. Martin Kertys, PhD.
Document type:	Research/art/teacher profile of a person
The name of the university	Comenius University Bratislava
The seat of the university	Šafárikovo námestie 6, 818 06 Bratislava
The name of the faculty	Jessenius Faculty of Medicine in Martin
The seat of the faculty	Malá Hora 10701/4A, 03601 Martin

I. - Basic information

I.1 - Surname	Kertys
I.2 - Name	Martin
I.3 - Degrees	PharmDr., PhD.
I.4 - Year of birth	1989
I.5 - Name of the workplace	Department of pharmacology
I.6 - Address of the workplace	Mala Hora 4/C, 036 01 Martin, Slovakia
I.7 - Position	assistant proffesor
I.8 - E-mail address	martin.kertys@uniba.sk
I.9 - Hyperlink to the entry of a person in the Register of university staff	https://www.portalvs.sk/regzam/detail/29949
I.10 - Name of the study field in which a person works at the university	General medicine
I.11 - ORCID iD	0000-0002-1095-6810

II. - Higher education and further qualification growth

II.1 - First degree of higher education

II.2 - Second degree of higher education

II.a - Name of the university or institution	University of Veterinary Medicine and Pharmacy in Košice
II.b - Year	2014
II.c - Study field and programme	7.3.1. Pharmacy, pharmacy

II.3 - Third degree of higher education

II.a - Name of the university or institution	Jessenius Faculty of Medicine in Martin Comenius University Bratislava
II.b - Year	2018
II.c - Study field and programme	pharmacology

II.4 - Associate professor

II.5 - Professor

II.6 - Doctor of Science (DrSc.)

III. - Current and previous employment

III.a - Occupation-position	III.b - Institution	III.c - Duration
researcher	Jessenius Faculty of Medicine in Martin Comenius University Bratislava	28.8.2018-31.8.2019
assistant proffesor	Jessenius Faculty of Medicine in Martin Comenius University Bratislava	1.10.2019-ongoing

V. - Overview of activities within the teaching career at the university

V.1 - Overview of the profile courses taught in the current academic year according to

V.1 - Overview of the profile courses taught in the current academic year according to study programmes

V.1.a - Name of the profile course	V.1.b - Study programme	V.1.c - Degree	V.1.d - Field of study
Pharmacology	General medicine	I.+II.	General medicine
Pharmacology	Dentistry	I.+II.	Dentistry

V.2 - Overview of the responsibility for the delivery, development and quality assurance of the study programme or its part at the university in the current academic year

V.2.a - Name of the study programme	V.2.b - Degree	V.2.c - Field of study
Pharmacology	III.	pharmacy

V.4 - Overview of supervised final theses

V.4.1 - Number of currently supervised theses

V.4.a - Bachelor's (first degree)	0
V.4.b - Diploma (second degree)	2
V.4.c - Dissertation (third degree)	0

V.4.2 - Number of defended theses

V.4.a - Bachelor's (first degree)	0
V.4.b - Diploma (second degree)	11
V.4.c - Dissertation (third degree)	1

VI. - Overview of the research/artistic/other outputs

VI.1 - Overview of the research/artistic/other outputs and the corresponding citations

VI.1.1 - Number of the research/artistic/other outputs

VI.1.a - Overall	73
VI.1.b - Over the last six years	48

VI.1.2 - Number of the research/artistic/other outputs registered in the Web of Science or Scopus databases

VI.1.a - Overall	18
VI.1.b - Over the last six years	14

VI.1.3 - Number of citations corresponding to the research/artistic/other outputs

VI.1.a - Overall	98
VI.1.b - Over the last six years	86

VI.1.4 - Number of citations registered in the Web of Science or Scopus databases

VI.1.a - Overall	90
VI.1.b - Over the last six years	79

VI.1.5 - Number of invited lectures at the international, national level

VI.1.a - Overall	0
VI.1.b - Over the last six years	0

VI.2 - The most significant research/artistic/other outputs

1	Effects of tadalafil (PDE5inhibitor) and roflumilast (PDE4 inhibitor) on airway reactivity and markers of inflammation in ovalbumin-induced airway hyperresponsiveness in guinea pigs
2	Inhibitors of phosphodiesterases in the treatment of cough
3	Plasma-based targeted metabolomic analysis reveals alterations of phosphatidylcholines and oxidative stress markers in guinea pig model of allergic asthma
4	Simultaneous determination of fluoxetine, venlafaxine, vortioxetine and their active metabolites in human plasma by LC-MS/MS using one-step sample preparation procedure
5	Simultaneous determination of caffeine and its metabolites in rat plasma by UHPLC-MS/MS

VI.3 - The most significant research/artistic/other outputs over the last six years

1	Effects of tadalafil (PDE5inhibitor) and roflumilast (PDE4 inhibitor) on airway reactivity and markers of inflammation in ovalbumin-induced airway hyperresponsiveness in guinea pigs
2	Inhibitors of phosphodiesterases in the treatment of cough
3	Plasma-based targeted metabolomic analysis reveals alterations of phosphatidylcholines and oxidative stress markers in guinea pig model of allergic asthma
4	Simultaneous determination of fluoxetine, venlafaxine, vortioxetine and their active metabolites in human plasma by LC-MS/MS using one-step sample preparation procedure
5	Simultaneous determination of caffeine and its metabolites in rat plasma by UHPLC-MS/MS

VI.4 - The most significant citations corresponding to the research/artistic/other outputs

1	Simultaneous determination of fluoxetine, venlafaxine, vortioxetine and their active metabolites in human plasma by LC-MS/MS using one-step sample preparation procedure - citované v/cited in: Adolescent fluoxetine treatment mediates a persistent anxiety-like outcome in female C57BL/6 mice that is ameliorated by fluoxetine re-exposure in adulthood
2	Plasma based targeted metabolomic analysis reveals alterations of phosphatidylcholines and oxidative stress markers in guinea pig model of allergic asthma - citované v/cited in: Understanding uncontrolled severe allergic asthma by integration of omic and clinical data
3	Development of Sensitive and High-Throughput Liquid Chromatography-Tandem Mass Spectrometry Method for Quantification of Haloperidol in Human Plasma with Phospholipid Removal Pretreatment - citované v/cited in: PVP-coated silver nanocubes as RRS probe for sensitive determination of Haloperidol in real samples
4	Plasma based targeted metabolomic analysis reveals alterations of phosphatidylcholines and oxidative stress markers in guinea pig model of allergic asthma - citované v/cited in: Detection of serum phospholipids by microchannel-integrated black phosphorus-assisted laser desorption/ionization mass spectrometry
5	Simultaneous determination of fluoxetine, venlafaxine, vortioxetine and their active metabolites in human plasma by LC-MS/MS using one-step sample preparation procedure - citované v/cited in: A new electrochemical sensor based on Europium-doped NiO nanocomposite for detection of venlafaxine

VI.5 - Participation in conducting (leading) the most important research projects or art projects over the last six years

1	VEGA project, Monitoring účinnosti antiagregačnej a antikoagulačnej liečby, zodpovedný riešiteľ
2	APVV project, Rezistencia na antituberkulotiká - nové možnosti jej detekcie a terapeutického manažmentu, člen riešiteľského kolektívu
3	VEGA project, Analýza hladín liečiv a laboratórnych markerov pri vybraných psychiatrických ochoreniach, člen riešiteľského kolektívu
4	Grant Univerzity Komenského, Vývoj novej, robustnej Hilic metódy na stanovenie teofylínu v plazme pomocou hmotnostnej spektrometrie v experimentálne navodenom modeli alergickej astmy, zodpovedný riešiteľ
5	VEGA project, Nové možnosti detekcie rezistencie tuberkulózných a netuberkulózných mykobaktérií a ich terapeutické implikácie

IX. - Other relevant facts

Date of last update

27.09.2023