

Research/art/teacher profile of a person

Name and surname doc. PharmDr. Juraj Piešťanský, 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 Faculty of Pharmacy
The seat of the faculty Odbojárov 10, 832 32 Bratislava

I. - Basic information

I.1 - Surname	Piešťanský
I.2 - Name	Juraj
I.3 - Degrees	doc. PharmDr. PhD.
I.4 - Year of birth	1985
I.5 - Name of the workplace	Department of Galenic Pharmacy
I.6 - Address of the workplace	Faculty of Pharmacy, Odbojarov 10, 832 32 Bratislava
I.7 - Position	associate professor
I.8 - E-mail address	piestansky@fpharm.uniba.sk
I.9 - Hyperlink to the entry of a person in the Register of university staff	https://www.portalvs.sk/regzam/detail/23111
I.10 - Name of the study field in which a person works at the university	analytical chemistry, galenic pharmacy
I.11 - ORCID iD	0000-0003-4736-4592

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	Faculty of Pharmacy Comenius University
II.b - Year	2010
II.c - Study field and programme	Pharmacy

II.3 - Third degree of higher education

II.a - Name of the university or institution	Faculty of Pharmacy Comenius University
II.b - Year	2015
II.c - Study field and programme	Pharmacy - pharmaceutical chemistry

II.4 - Associate professor

II.a - Name of the university or institution	Faculty of Pharmacy Comenius University
II.b - Year	2022
II.c - Study field and programme	Pharmacy - pharmaceutical chemistry

II.5 - Professor

II.6 - Doctor of Science (DrSc.)

III. - Current and previous employment

III.a - Occupation-position	III.b - Institution	III.c - Duration
GMP manager	Axon Neuroscience R&D	from 2017
external investigator	Imuna Pharm	2016
Senior Research Scientist	INSTITUTE OF NEUROIMMUNOLOGY SAS	from 2022

IV. - Development of pedagogical, professional, language, digital and other skills

IV.a - Activity description, course name, other	IV.b - Name of the institution	IV.c - Year
Virtual cGMP training marathon for vaccine manufacturing	WHO	2021

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 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
Analytical Chemistry	Pharmacy	master study	Pharmacy
Galenic Pharmacy	Pharmacy	master study	Pharmacy

V.4 - Overview of supervised final theses

V.4.1 - Number of currently supervised theses

V.4.b - Diploma (second degree)	6
V.4.c - Dissertation (third degree)	5

V.4.2 - Number of defended theses

V.4.b - Diploma (second degree)	16
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V.5 - Overview of other courses taught in the current academic year according to study programmes

V.5.a - Name of the course	V.5.b - Study programme	V.5.c - Degree	V.5.d - Field of study
New trends in analytical chemistry	Pharmacy	master study	Pharmacy
Analytical monitoring of drug levels in practice	Pharmacy	master study	Pharmacy

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	152
VI.1.b - Over the last six years	87

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

VI.1.a - Overall	45
VI.1.b - Over the last six years	34

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

VI.1.a - Overall	432
VI.1.b - Over the last six years	385

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

VI.1.a - Overall	432
VI.1.b - Over the last six years	385

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

VI.1.a - Overall	2
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VI.2 - The most significant research/artistic/other outputs

1	ACB Mikuš, Peter [UKOFAA] (50%) - Piešťanský, Juraj [UKOFAAs] (50%): Kapilárna elektroforéza, hmotnostná spektrometria a ich kombinácie vo farmaceutickej a biomedicínskej analýze : Učebnica pre farmaceutické fakulty a fakulty prírodovedného a technického smeru so zameraním na analytickú chémiu a farmaceutickú chémiu. - 1. vyd. - Bratislava : SAV, 2014.
2	ACB Mikuš, Peter [UKOFAA] (40%) - Piešťanský, Juraj [UKOFAAs] (40%) - Dokupilová, Svetlana [UKOFAA] (20%): Kvapalinová chromatografia, hmotnostná spektrometria a ich kombinácie vo farmaceutickej a biomedicínskej analýze. - 1. vyd. - Bratislava : Veda, vydavateľstvo Slovenskej akadémie vied, 2018. - 363 s. [print] ISBN 978-80-224-1632-0
3	ADC Piešťanský, Juraj [UKOFAAs] (45%) - Maráková, Katarína [UKOFAA] (10%) - Jánošová, Lucia [UKOFAA] (5%) - Galba, Jaroslav [UKOFAAs] (10%) - Mikuš, Peter [KAUT] [UKOFAA] (30%): On-line column coupled isotachopheresis-capillary zone electrophoresis hyphenated with tandem mass spectrometry in drug analysis: Varenicline and its metabolite in human urine In: Analytica Chimica Acta. - Vol. 826 (2014), s. 84-93. - ISSN 0003-2670 Registrované v: wos
4	ADC Piešťanský, Juraj [UKOFAAs] (40%) - Maráková, Katarína [UKOFAA] (20%) - Koval', Marián (10%) - Mikuš, Peter [KAUT] [UKOFAA] (30%): Comparison of hydrodynamically closed isotachopheresis-capillary zone electrophoresis with hydrodynamically open capillary zone electrophoresis hyphenated with tandem mass spectrometry in drug analysis: Pheniramine, its metabolite and phenylephrine in human urine In: Journal of Chromatography A. - Vol. 1358 (2014), s. 285-292. - ISSN 0021-9673 Registrované v: wos, scopus Indikátor časopisu: IF (JCR) [2013-4,258]
5	ADC Piešťanský, Juraj [UKOFAAs] (40%) - Matušková, Michaela [UKOFAA] (10%) - Čižmarová, Ivana [UKOFAA] (10%) - Majerová, Petra (10%) - Kováč, Andrej (10%) - Mikuš, Peter [KAUT] [UKOFAA] (20%): Ultrasensitive determination of serotonin in human urine by a two dimensional capillary isotachopheresis-capillary zone electrophoresis hyphenated with tandem mass spectrometry In: Journal of Chromatography A. - Roč. 1648 (2021), s. [1-10], art. no. 462190. - ISSN (print) 0021-9673 Registrované v: wos Indikátor časopisu: IF (JCR) 2020= 4.759
6	Novak, Petr (2.728%); Kováčech, Branislav (2.702%); Katina, Stanislav (2.702%); Schmidt, Reinhold (2.702%); Scheltens, Philip (2.702%); Šutovský, Stanislav (2.702%); Galba, Jaroslav (2.702%); Piešťanský, Juraj (2.702%): ADAMANT: a placebo-controlled randomized phase 2 study of AADvac1, an active immunotherapy against pathological tau in Alzheimer's disease. Cham : ISSN 2662-8465
7	Piešťanský, Juraj (40%); Matušková, Michaela (10%); Čižmarová, Ivana (10%); Majerová, Petra (10%); Kováč, Andrej (10%); Mikuš, Peter (20%): Ultrasensitive determination of serotonin in human urine by a two dimensional capillary isotachopheresis-capillary zone electrophoresis hyphenated with tandem mass spectrometry. Amsterdam : ISSN 1873-3778

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

1	ADC Piešťanský, Juraj [UKOFAAs] (40%) - Matušková, Michaela [UKOFAA] (10%) - Čižmarová, Ivana [UKOFAA] (10%) - Majerová, Petra (10%) - Kováč, Andrej (10%) - Mikuš, Peter [KAUT] [UKOFAA] (20%): Ultrasensitive determination of serotonin in human urine by a two dimensional capillary isotachopheresis-capillary zone electrophoresis hyphenated with tandem mass spectrometry In: Journal of Chromatography A. - Roč. 1648 (2021), s. [1-10], art. no. 462190. - ISSN (print) 0021-9673
2	ADC Piešťanský, Juraj [UKOFAAs] (40%) - Barath, Peter (10%) - Majerová, Petra (10%) - Galba, Jaroslav (10%) - Mikuš, Peter [UKOFAA] (5%) - Kováčech, Branislav (5%) - Kováč, Andrej [KAUT] (20%): A simple and rapid LC-MS/MS and CE-MS/MS analytical strategy for the determination of therapeutic peptides in modern immunotherapeutics and biopharmaceutics In: Journal of Pharmaceutical and Biomedical Analysis [elektronický dokument]. - Roč. 189 (2020), s. [1-12], art. no. 113449 [print]. - ISSN (print) 0731-7085 Registrované v: wos, scopus Indikátor časopisu: IF (JCR) 2019=3.209

3	ADC Piešťanský, Juraj [UKOFAAs] (35%) - Olešová, Dominika (10%) - Galba, Jaroslav [UKOFAAs] (5%) - Maráková, Katarína [UKOFAA] (5%) - Parrak, Vojtech (5%) - Secnik, Peter (5%) - Secnik, Peter, ml. (5%) - Kováčech, Branislav (5%) - Kováč, Andrej (5%) - Zelinková, Zuzana (5%) - Mikuš, Peter [KAUT] [UKOFAA] (15%): Profiling of amino acids in urine samples of patients suffering from inflammatory bowel disease by capillary electrophoresis-mass spectrometry In: Molecules. - Roč. 24, č. 18 (2019), s. [1-16], art. no. 3345. - ISSN (online) 1420-3049 Registrované v: scopus Indikátor časopisu: IF (JCR) 2019=3.267 Kvartil Q: wos-jcr -- Q2 [Chemistry, multidisciplinary] -- 2019 wos-jcr -- Q2 [Biochemistry & molecular biology] -- 2019
4	Piešťanský, Juraj (40%); Matušková, Michaela (10%); Čižmarová, Ivana (10%); Majerová, Petra (10%); Kováč, Andrej (10%); Mikuš, Peter (20%): Ultrasensitive determination of serotonin in human urine by a two dimensional capillary isotachopheresis-capillary zone electrophoresis hyphenated with tandem mass spectrometry. Amsterdam : ISSN 1873-3778
5	Kováčech, Branislav (2.232%); Fialová, Ľubica (2.222%); Filipčík, Peter (2.222%); Škrabana, Rostislav (2.222%); Žilková, Monika (2.222%); Piešťanský, Juraj (2.222%); Boršová, Kristína (2.222%); Brejová, Bronislava (2.222%); Vinař, Tomáš (2.222%); Nosek, Jozef (2.222%); Basheer, Neha (2.222%): Monoclonal antibodies targeting two immunodominant epitopes on the Spike protein neutralize emerging SARS-CoV-2 variants of concern. Amsterdam : ISSN 2352-3964
6	Novak, Petr (2.728%); Kováčech, Branislav (2.702%); Katina, Stanislav (2.702%); Schmidt, Reinhold (2.702%); Scheltens, Philip (2.702%); Šutovský, Stanislav (2.702%); Galba, Jaroslav (2.702%); Piešťanský, Juraj (2.702%): ADAMANT: a placebo-controlled randomized phase 2 study of AADvac1, an active immunotherapy against pathological tau in Alzheimer's disease. Cham : ISSN 2662-8465

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

1	ADC Piešťanský, Juraj [UKOFAAs] (40%) - Maráková, Katarína [UKOFAA] (10%) - Koval', Marián (5%) - Havránek, Emil [UKOFAA] (5%) - Mikuš, Peter [KAUT] [UKOFAA] (40%): Enantioselective column coupled electrophoresis employing large bore capillaries hyphenated with tandem mass spectrometry for ultra-trace determination of chiral compounds in complex real samples In: Electrophoresis. - Vol. 36, No. 24 (2015), s. 3069-3079. - ISSN 0173-0835 Registrované v: wos Indikátor časopisu: IF (JCR) [2014-3,028] [o1] 2020 Bernardo-Bermejo, S.- Sánchez-López, E. - Castro-Puyana, M. - Marina, M.L.: TrAC - Trends in Analytical Chemistry, Vol. 124, 2020, art. no. 115807 - SCOPUS
2	ADC Piešťanský, Juraj [UKOFAAs] (45%) - Maráková, Katarína [UKOFAA] (10%) - Jánošová, Lucia [UKOFAA] (5%) - Galba, Jaroslav [UKOFAAs] (10%) - Mikuš, Peter [KAUT] [UKOFAA] (30%): On-line column coupled isotachopheresis-capillary zone electrophoresis hyphenated with tandem mass spectrometry in drug analysis: Varenicline and its metabolite in human urine In: Analytica Chimica Acta. - Vol. 826 (2014), s. 84-93. - ISSN 0003-2670 Registrované v: wos Indikátor časopisu: IF (JCR) [2013- 4,517] [o1] 2017 Breadmore, M.C. - Wuethrich, A. - Li, F. - Phung, S.C. - Kalsoom, U. - Cabot, J.M. - Tehranirokh, M. - Shallan, A.I. - Abdul Keyon, A.S. - ... SCOPUS
3	ADC Piešťanský, Juraj [UKOFAAs] (45%) - Maráková, Katarína [UKOFAA] (10%) - Jánošová, Lucia [UKOFAA] (5%) - Galba, Jaroslav [UKOFAAs] (10%) - Mikuš, Peter [KAUT] [UKOFAA] (30%): On-line column coupled isotachopheresis-capillary zone electrophoresis hyphenated with tandem mass spectrometry in drug analysis: Varenicline and its metabolite in human urine In: Analytica Chimica Acta. - Vol. 826 (2014), s. 84-93. - ISSN 0003-2670 [o1] 2018 Pallmann, S. - Siegle, A.F. - Šteflová, J. - Trapp, O.: Analytical Chemistry, Vol. 90, No. 14, 2018, s. 8453 - SCOPUS
4	ADC Piešťanský, Juraj [UKOFAAs] (40%) - Maráková, Katarína [UKOFAA] (10%) - Koval', Marián (5%) - Havránek, Emil [UKOFAA] (5%) - Mikuš, Peter [KAUT] [UKOFAA] (40%): Enantioselective column coupled electrophoresis employing large bore capillaries hyphenated with tandem mass spectrometry for ultra-trace determination of chiral compounds in complex real samples In: Electrophoresis. - Vol. 36, No. 24 (2015), s. 3069-3079. - ISSN 0173-0835 Registrované v: wos Indikátor časopisu: IF (JCR) [2014-3,028] [o1] 2017 Maier, V. - Švidrnich, M. - Petr, J.: Capillary electrophoresis coupled to mass spectrometry for enantiomeric drugs analysis. In: Capillary Electrophoresis: Trends and Developments in Pharmaceutical Research. Singapore : Pan Stanford Publishing, 2017, S. 224 - SCOPUS

5	ADC Piešťanský, Juraj [UKOFAAs] (45%) - Maráková, Katarína [UKOFAA] (10%) - Jánošová, Lucia [UKOFAA] (5%) - Galba, Jaroslav [UKOFAAs] (10%) - Mikuš, Peter [KAUT] [UKOFAA] (30%): On-line column coupled isotachopheresis-capillary zone electrophoresis hyphenated with tandem mass spectrometry in drug analysis: Varenicline and its metabolite in human urine In: Analytica Chimica Acta. - Vol. 826 (2014), s. 84-93. - ISSN 0003-2670 Registrované v: wos Indikátor časopisu: IF (JCR) [2013- 4,517] [o1] 2017 Malá, Z. - Gebauer, P.: Journal of Chromatography B. - Vol. 1150 (2017), s. 100-1000000
6	ADC Piešťanský, Juraj [UKOFAAs] (40%) - Barath, Peter (10%) - Majerová, Petra (10%) - Galba, Jaroslav (10%) - Mikuš, Peter [UKOFAA] (5%) - Kováček, Branislav (5%) - Kováč, Andrej [KAUT] (20%): A simple and rapid LC-MS/MS and CE-MS/MS analytical strategy for the determination of therapeutic peptides in modern immunotherapeutics and biopharmaceutics In: Journal of Pharmaceutical and Biomedical Analysis [elektronický dokument]. - Roč. 189 (2020), s. [1-12], art. no. 113449 [print]. - ISSN (print) 0731-7085 Registrované v: wos, scopus Indikátor časopisu: IF (JCR) 2019=3.209
7	Novak, Petr (2.728%); Kováček, Branislav (2.702%); Katina, Stanislav (2.702%); Schmidt, Reinhold (2.702%); Scheltens, Philip (2.702%); Šutovský, Stanislav (2.702%); Galba, Jaroslav (2.702%); Piešťanský, Juraj (2.702%): ADAMANT: a placebo-controlled randomized phase 2 study of AADvac1, an active immunotherapy against pathological tau in Alzheimer's disease. Cham : ISSN 2662-8465

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

1	VEGA - 1/0463/18 - Nové prístupy v analytickom hodnotení liečiv, ich biodegradačných produktov a metabolických markerov v biologických matriciach vo vzťahu k optimalizácii liečby nešpecifických zápalových ochorení čreva (spoluriešiteľ)
2	KEGA - 027UK-4/2020 - Tvorba komplexného učebného materiálu v module "Analytical chemistry - Instrumental methods" magisterského štúdia farmácie v anglickom jazyku (spoluriešiteľ)
3	VEGA 1/0873/15 - Vývoj nových separačných metód s MS/MS detekciou na optimalizáciu liečby nešpecifických zápalových ochorení čreva tiopurínmi
4	VEGA 1/0664/12 - Vývoj a validácia metód kvapalinovej chromatografie v spojení s hmotnostnou spektrometriou pre farmaceutickú a klinickú analýzu biologicky aktívnych látok s dôrazom na vybrané cytostatiká, ich (bio)degradačné produkty a onkomarkery
5	APVV-15-0585 - Analytické hodnotenie profilov klinických vzoriek a markerov vo vzťahu k optimalizácii liečby nešpecifických zápalových ochorení čreva tiopurínmi

IX. - Other relevant facts

IX.a - If relevant, other activities related to higher education or research/artistic/other activities are mentioned

The main organizer of the conference dedicated to the therapeutic drug monitoring - TDM Conference 2023.