

Research/art/teacher profile of a person

Name and surname	prof. MUDr. Anton Dzian, 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	Dzian
I.2 - Name	Anton
I.3 - Degrees	Prof. , M.D., PhD.
I.4 - Year of birth	1980
I.5 - Name of the workplace	Department of Thoracic Surgery, Jessenius Faculty of Medicine in Martin
I.6 - Address of the workplace	Kollárova 2, 036 59 Martin
I.7 - Position	Prof., Head of Department
I.8 - E-mail address	anton.dzian@jfmed.uniba.sk
I.9 - Hyperlink to the entry of a person in the Register of university staff	https://www.portalvs.sk/regzam/detail/5507?do=filterForm-submit&surname=dzian&sort=surname&employment_state=yes&filter=Vyt
I.10 - Name of the study field in which a person works at the university	General Medicine
I.11 - ORCID iD	0000-0002-4883-3605

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	Comenius Univesity in Bratislava, Jessenius Faculty of Medicine in Martin
II.b - Year	2005
II.c - Study field and programme	General Medicine

II.3 - Third degree of higher education

II.a - Name of the university or institution	Comenius Univesity in Bratislava, Jessenius Faculty of Medicine in Martin
II.b - Year	2010
II.c - Study field and programme	surgery

II.4 - Associate professor

II.a - Name of the university or institution	Comenius Univesity in Bratislava, Jessenius Faculty of Medicine in Martin
II.b - Year	2016
II.c - Study field and programme	surgery

II.5 - Professor

II.a - Name of the university or institution	Comenius Univesity in Bratislava, Jessenius Faculty of Medicine in Martin
II.b - Year	2024
II.c - Study field and programme	surgery

II.6 - Doctor of Science (DrSc.)

III. - Current and previous employment

III.a - Occupation-position	III.b - Institution	III.c - Duration
Prof., Head of Department	Comenius Univesity in Bratislava, Jessenius Faculty of Medicine in Martin	2024 - present
Assoc. Prof., Head of Department	Comenius Univesity in Bratislava, Jessenius Faculty of Medicine in Martin	2016 - 2024
lecturer	Comenius Univesity in Bratislava, Jessenius Faculty of Medicine in Martin	2010 - 2016
surgeon	Department of Surgery in Facutly Hospital in Žilina	2005 - 2006

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
specialized study program Health Management and Financing	Comenius Univesity in Bratislava, Jessenius Faculty of Medicine in Martin	2014
specialization in Thoracic Surgery	Slovak Medical University, Bratislava	2012

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
surgery 1	General Medicine	III.	General Medicine
surgery 3	General Medicine	III.	General Medicine
surgery 6	General Medicine		
summer practice - surgery	General Medicine		
surgery 1	dentistry		
surgery 3	dentistry		
surgery and nursing 2	Nursing		

V.3 - Overview of the responsibility for the development and quality of the field of habilitation procedure and inaugural procedure in the current academic year

V.3.a - Name of the field of habilitation procedure and inaugural procedure	V.3.b - Study field to which it is assigned
Surgery	General Medicine

V.4 - Overview of supervised final theses

V.4.1 - Number of currently supervised theses

V.4.b - Diploma (second degree)	2
V.4.c - Dissertation (third degree)	2

V.4.2 - Number of defended theses

V.4.b - Diploma (second degree)	16
V.4.c - Dissertation (third degree)	3

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
Oncology	General Medicine		

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	132
VI.1.b - Over the last six years	51

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

VI.1.a - Overall	39
VI.1.b - Over the last six years	22

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

VI.1.a - Overall	141
VI.1.b - Over the last six years	69

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

VI.1.a - Overall	111
VI.1.b - Over the last six years	93

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

VI.1.a - Overall	4
VI.1.b - Over the last six years	4

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

1	Dzian, Anton [KAUT] [UKOLJ310] (45%) - Živčák, Jozef (25%) - Penciak, Rastislav (5%) - Hudák, Radovan (25%): Implantation of a 3D-printed titanium sternum in a patient with a sternal tumor [elektronický dokument] CIT-TUKE 203080, 203081 Lit.: 7 záz. In: World Journal of Surgical Oncology [elektronický dokument]. - Roč. 16 (2018), s. [1-4], nestr [print]. - ISSN (print) 1477-7819
2	Malík, Marek [UKOLJ310] (50%) - Dzian, Anton [KAUT] [UKOLJ310] (30%) - Skaličanová, Michaela [UKOLJ310] (2%) - Hamada, Ľuboš [UKOLJ310] (1%) - Zeleňák, Kamil [UKOLJ304] (2%) - Grendár, Marián [UKOLJ110] (15%): Chest Ultrasound Can Reduce the Use of Roentgenograms in Postoperative Care After Thoracic Surgery [elektronický dokument] Lit.: 25 záz. In: The Annals of Thoracic Surgery [elektronický dokument]. - Roč. 112, č. 3 (2021), s. 897-904 [print]. - ISSN (print) 0003-4975
3	Dzian, Anton [KAUT] [UKOLJ310] (60%) - Halašová, Erika [UKOLJ120] (10%) - Matáková, Tatiana [UKOLJ111] (20%) - Kavcová, Elena (2%) - Smolár, Marek [UKOLJ300] (2%) - Dobrota, Dušan [UKOLJ111] (2%) - Hamžík, Julián (2%) - Mištuna, Dušan (2%): Lungadenocarcinoma and squamous cell carcinoma in association with genetic polymorphisms of GSTs in Slovak population = Genetic polymorphisms of GSTs and lung adenocarcinoma and squamous cell carcinoma In: Neoplasma. - Roč. 59, č. 2 (2012), s. 160-167. - ISSN (print) 0028-2685

4	Bakošová, Erika (1%) - Beržinec, Peter (2%) - Broďáni, Dušan (1%) - Buchancová, Janka [UKOLJ] (1,5%) - Černá, Mária (2%) - Dzian, Anton [UKOLJ310] (20%) - Halašová, Erika [UKOLJ120] (20%) - Hamžík, Julián (1%) - Hollá, Gabriela (0,5%) - Hrubíško, Martin (0,5%) - Hrubý, Richard (1%) - Hučka, Zdenko (1%) - Jonner, Imrich (1%) - Kantárová, Daniela [UKOLJ220] (0,5%) - Kasan, Peter (1%) - Kavcová, Elena (26%) - Kopecká, Iveta (0,5%) - Koza, Ivan (1%) - Krištúfek, Peter (1%) - Kulišková, Iveta (0,5%) - Majer, Ivan [UKOLF] (1%) - Makaiová, Izabella [UKOLF] (1%) - Matáková, Tatiana [UKOLJ111] (1%) - Mladosičová, Beata [UKOLFUPF] (1%) - Ondrejka, Igor [UKOLJ241] (1%) - Ondrušová, Martina (0,5%) - Plank, Lukáš [UKOLJ251] (2%) - Plutinský, Ján (1%) - Poláček, Hubert (1%) - Pullmann, Rudolf (1%) - Salát, Dušan (1%) - Strapko, Peter (1%) - Szárazová, Magdaléna (1%) - Tamášová, Mária [UKOLFKP] (1%) - Veselý, Jaroslav (0,5%) - Vrlík, Mojmír (1%) - Wagnerová, Mária (1%): Karcinóm pľúc. - 1. vyd. - Martin: Univerzita Komenského v Bratislave, Jesseniova lekárska fakulta v Martine, 2010. - 674 s. + Multimediálne DVD ISBN 978-80-88866-78-7
5	Dzian, Anton [UKOLJ310] (100%) : Nenádorové a nádorové ochorenia hrudníka. Traumatológia hrudníka In: Multimediálna e-učebnica Ošetrovateľské postupy v špeciálnej chirurgii [elektronický zdroj]. - Martin : JLF UK - Portál MEFANET, 2015. - Nestr. [100 s.] [4,4AH] [online]. - ISBN 978-80-89544-72-1

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

1	Dzian, Anton [KAUT] [UKOLJ310] (45%) - Živčák, Jozef (25%) - Penciak, Rastislav (5%) - Hudák, Radovan (25%): Implantation of a 3D-printed titanium sternum in a patient with a sternal tumor [elektronický dokument] CIT-TUKE 203080, 203081 Lit.: 7 záz. In: World Journal of Surgical Oncology [elektronický dokument]. - Roč. 16 (2018), s. [1-4], nestr [print]. - ISSN (print) 1477-7819
2	Malík, Marek [UKOLJ310] (50%) - Dzian, Anton [KAUT] [UKOLJ310] (30%) - Skaličanová, Michaela [UKOLJ310] (2%) - Hamada, Ľuboš [UKOLJ310] (1%) - Zeleňák, Kamil [UKOLJ304] (2%) - Grendár, Marián [UKOLJ110] (15%): Chest Ultrasound Can Reduce the Use of Roentgenograms in Postoperative Care After Thoracic Surgery [elektronický dokument] Lit.: 25 záz. In: The Annals of Thoracic Surgery [elektronický dokument]. - Roč. 112, č. 3 (2021), s. 897-904 [print]. - ISSN (print) 0003-4975
3	Jaščur, Miroslav [KAUT] (16.67%) - Bundzel, Marek (16.666%) - Malík, Marek [UKOLJ310] (16.666%) - Dzian, Anton [UKOLJ310] (16.666%) - Ferencík, Norbert (16.666%) - Babič, František (16.666%): Detecting the Absence of Lung Sliding in Lung Ultrasounds Using Deep Learning [elektronický dokument] Lit.: 22 záz. In: Applied sciences [elektronický dokument]. - Roč. 11, č. 15 (2021), s. [1-14], art. no. 6976 [online]. - ISSN (online) 2076-3417
4	Dzian, Anton [UKOLJ310] (35%) - Malík, Marek [KAUT] [UKOLJ310] (35%) - Hamada, Ľuboš [UKOLJ229] (2%) - Skaličanová, Michaela [UKOLJ310] (10%) - Zeleňák, Kamil [UKOLJ304] (4%) - Števík, Martin [UKOLJ] (4%) - Grendár, Marián [UKOLJ110] (10%): Lung ultrasound could reduce X-ray after major lung resection [elektronický dokument] Lit.: 30 záz. In: Bratislava medical journal [elektronický dokument]. - Roč. 122, č. 12 (2021), s. 871-875 [print]. - ISSN (print) 0006-9248
5	Dzian, Anton [KAUT] [UKOLJ310] (40%) - Malík, Marek [UKOLJ310] (30%) - Fučela, Ivan (5%) - Skaličanová, Michaela [UKOLJ310] (5%) - Stiegler, Peter (5%) - Hajtman, Andrej [UKOLJ306] (5%) - Bugová, Gabriela (5%) - Drobná Sániová, Beata [UKOLJ307] (5%): A multidisciplinary approach to the management of descending necrotizing mediastinitis - case series UKOVO2020 Lit.: 25 záz. In: Neuroendocrinology Letters. - Roč. 40, č. 6 (2019), s. 284-288. - ISSN (print) 0172-780X

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

1	Hoetzenecker, K. - Chan, H. H. L. - Frommlet, F. - Schweiger, T. - Keshavjee, S. - Waddell, T. K. - Klepetko, W. - Irish, J. C. - Yasufuku, K.: Annals of Thoracic Surgery, roč. 107, č. 6, 2019, s. 1860-1865 - SCI ; SCOPUS / Dzian Anton, Živčák Jozef, Penciak Rastislav, Hudák Radovan: Implantation of a 3D-printed titanium sternum in a patient with a sternal tumor. World J Surg Oncol. 2018; 16: 7.
2	Jacob, S. - Nair, A. B. - Patel, V. - Shah, J.: AAPS PharmSciTech, roč. 21, č. 6, 2020, čl. č. 220 - SCI ; SCOPUS / Dzian Anton, Živčák Jozef, Penciak Rastislav, Hudák Radovan: Implantation of a 3D-printed titanium sternum in a patient with a sternal tumor. World J Surg Oncol. 2018; 16: 7.
3	Fiorucci, M. P. - Cuadrado, A. - Yáñez, A. - Martel, O. - Mentado, B. - Monopoli, D.: Materials and Design, roč. 206, 2021, čl. č. 109758 - SCI ; SCOPUS / Dzian Anton, Živčák Jozef, Penciak Rastislav, Hudák Radovan: Implantation of a 3D-printed titanium sternum in a patient with a sternal tumor. World J Surg Oncol. 2018; 16: 7.
4	Topolnitskiy, E. - Chekalkin, T. - Marchenko, E. - Yasenchuk, Y. - Kang, S. B. - Kang, J. H. - Obrosova, A.: Journal of Functional Biomaterials, roč. 12, č. 4, 2021, čl. č. 60 - SCI ; SCOPUS / Dzian Anton, Živčák Jozef, Penciak Rastislav, Hudák Radovan: Implantation of a 3D-printed titanium sternum in a patient with a sternal tumor. World J Surg Oncol. 2018; 16: 7.
5	Gonzalez Alvarez, A. - Evans, P. L. - Dovgalski, L. - Goldsmith, I.: Rapid Prototyping Journal, roč. 27, č. 2, 2021, s. 304-310 - SCI ; SCOPUS / Dzian Anton, Živčák Jozef, Penciak Rastislav, Hudák Radovan: Implantation of a 3D-printed titanium sternum in a patient with a sternal tumor. World J Surg Oncol. 2018; 16: 7.

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

1	2022 – 2024 - co-investigator project of Slovak Research and Development Agency APVV-20-0232: Processing and analysis of ultrasonography video sequences using artificial intelligence methods
2	2019 – 2023 - co-investigator: project of Operational Programme Integrated Infrastructure: Integrative strategy in development of personalized medicine of selected malignant tumours and its impact on quality of life (LISPER), IMTS: 313011V446

IX. - Other relevant facts

Date of last update	23.04.2024
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