

## Research/art/teacher profile of a person

<b>Name and surname</b>	prof. MUDr. Peter Bánovčin, CSc.
<b>Document type:</b>	Research/art/teacher profile of a person
<b>The name of the university</b>	Comenius University Bratislava
<b>The seat of the university</b>	Šafárikovo námestie 6, 818 06 Bratislava
<b>The name of the faculty</b>	Jessenius Faculty of Medicine in Martin
<b>The seat of the faculty</b>	Malá Hora 10701/4A, 03601 Martin

### I. - Basic information

<b>I.1 - Surname</b>	Bánovčin
<b>I.2 - Name</b>	Peter
<b>I.3 - Degrees</b>	prof., MUDr., CSc.
<b>I.4 - Year of birth</b>	1954
<b>I.5 - Name of the workplace</b>	Clinic of Children and Adolescents, Jessenius Faculty of Medicine CU
<b>I.6 - Address of the workplace</b>	Kollarova 2, 036 01 Martin
<b>I.7 - Position</b>	Head of the Clinic
<b>I.8 - E-mail address</b>	peter.banovcin@uniba.sk
<b>I.9 - Hyperlink to the entry of a person in the Register of university staff</b>	<a href="https://www.portalvs.sk/regzam/detail/3657">https://www.portalvs.sk/regzam/detail/3657</a>
<b>I.10 - Name of the study field in which a person works at the university</b>	General medicine, Dentistry

### II. - Higher education and further qualification growth

#### II.1 - First degree of higher education

#### II.2 - Second degree of higher education

<b>II.a - Name of the university or institution</b>	Faculty of Medicine CU in Martin
<b>II.b - Year</b>	1978
<b>II.c - Study field and programme</b>	General Medicine

#### II.3 - Third degree of higher education

<b>II.a - Name of the university or institution</b>	Faculty of Medicine CU in Martin
<b>II.b - Year</b>	1984
<b>II.c - Study field and programme</b>	Normal and pathological physiology

#### II.4 - Associate professor

<b>II.a - Name of the university or institution</b>	Faculty of Medicine CU in Martin
<b>II.b - Year</b>	1990
<b>II.c - Study field and programme</b>	Pediatrics

#### II.5 - Professor

<b>II.a - Name of the university or institution</b>	Comenius University Bratislava
<b>II.b - Year</b>	2001
<b>II.c - Study field and programme</b>	Pediatrics

#### II.6 - Doctor of Science (DrSc.)

### III. - Current and previous employment

<b>III.a - Occupation-position</b>	<b>III.b - Institution</b>	<b>III.c - Duration</b>
Assistant professor at the Institute of Pharmacology	Faculty of Medicine CU in Martin	1978-1984
Assistant Professor of the Children's Clinic	Faculty of Medicine CU in Martin	1984-1990
Docent of the Clinic for Children and Adolescents	Faculty of Medicine CU in Martin	1990-1991
Scholarship holder of the MHH Children's Clinic	Humboldt Fellowship in Bonn	1991-1992
BMRC researcher	British Medical Rresearch Council Fajara-Gambia	1993
Docent of the Clinic for Children and Adolescents	Jessenius Faculty of Medicine CU in Martin	1993-2001
Professor and Head of the Clinic for Children and	Jessenius Faculty of Medicine CU in Martin	2002-present

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

<b>IV.a - Activity description, course name, other</b>	<b>IV.b - Name of the institution</b>	<b>IV.c - Year</b>
University pedagogy course	Comenius University Bratislava	1983
Specialization I. degree in Pediatrics	Slovak Medical University	1987
Specialization II. degree in Pediatrics	Slovak Medical University	1991
Level II.a. independent researcher	Slovak Academy Of Science	1995
Specialization Medical immunology	Slovak Medical University	1997
Healthcare management and financing	Slovak Medical University	2004
Specialization in pediatric pneumology and phtisiology	Jessenius Faculty of Medicine CU	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

<b>V.1.a - Name of the profile course</b>	<b>V.1.b - Study programme</b>	<b>V.1.c - Degree</b>	<b>V.1.d - Field of study</b>
Pediatric propaedeutics	General Medicine	I.+II.	General Medicine
Pediatrics I.	General Medicine	I.+II.	General Medicine
Pediatrics II.	General Medicine	I.+II.	General Medicine
Pediatrics III.	General Medicine	I.+II.	General Medicine
Pediatrics in dentistry	Dentistry	I.+II.	Dentistry, Dental Medicine
Pediatrics in midwifery	Midwifery	II.	Midwifery
Defense of diploma theses	General Medicine	I.+II.	General Medicine

### 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

<b>V.2.a - Name of the study programme</b>	<b>V.2.b - Degree</b>	<b>V.2.c - Field of study</b>
Guarantor of the profile subject in General Medicine Pediatrics	I.+II.	General Medicine
Guarantor of Pediatrics	III.	General Medicine

### 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

<b>V.3.a - Name of the field of habilitation procedure and inaugural procedure</b>	<b>V.3.b - Study field to which it is assigned</b>
Guarantor of Pediatrics	General Medicine

### V.4 - Overview of supervised final theses

#### V.4.1 - Number of currently supervised theses

**V.4.c - Dissertation (third degree)** 5

#### V.4.2 - Number of defended theses

**V.4.b - Diploma (second degree)** 7

**V.4.c - Dissertation (third degree)** 25

## 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** 1442

**VI.1.b - Over the last six years** 403

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

**VI.1.a - Overall** 96

**VI.1.b - Over the last six years** 39

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

**VI.1.a - Overall** 1468

<b>VI.1.b - Over the last six years</b>	397
<i>VI.1.4 - Number of citations registered in the Web of Science or Scopus databases</i>	
<b>VI.1.a - Overall</b>	768
<b>VI.1.b - Over the last six years</b>	216
<i>VI.1.5 - Number of invited lectures at the international, national level</i>	
<b>VI.1.a - Overall</b>	19
<b>VI.1.b - Over the last six years</b>	9
<b>VI.2 - The most significant research/artistic/other outputs</b>	
1	Bánovčín, Peter - Seidenberg, J. - Hardt, Horst von der: Assessment of tidal breathing patterns for monitoring of bronchial obstruction in infants In: Pediatric Research. - Year 38, no. 2 (1995), p. 218-220. - ISSN 0031-3998 Journal indicator: IF (JCR) 1995=2,857 Comments (28)
2	ADC Varechová, S. - Mikler, J. - Murgaš, D. - Dragula, M. - Bánovčín, P. - Hanáček, J.: Cough reflex sensitivity in children with suspected and confirmed gastroesophageal reflux disease In: Journal of Physiology and Pharmacology. - Year 58, suppl. 5 (2007), p. 717-727. - ISSN (print) 0867-5910 Journal indicator: IF (JCR) 2007=4,466 Comments (16)
3	ADC Jeseňák, M. - Majtán, J. - Rennerová, Z. - Kyselovič, J. - Bánovčín, P. - Hrubíško, M.: Immunomodulatory effect of pleuran (beta-glucan from Pleurotusostreatus) in children with recurrent respiratory tract infections In: International Immunopharmacology. - Year 15, no. 2 (2013), p. 395-399. - ISSN 1567-5769 Registered in: wos Journal indicator: IF (JCR) 2013=2.711 Quartile Q: wos-jcr -- Q2 [Pharmacology & pharmacy] -- 2013 Comments (73)
4	ADC Ďurdík, P. - Ďurdíková, A. - Suroviaková, S. - Evangelisti, M. - Bánovčín, P. - Pia Villa, M.: Sleep Architecture in Children With Common Phenotype of Obstructive Sleep Apnea In: Journal of Clinical Sleep Medicine. - Year 14, no. 1 (2018), p. 9-14. - ISSN (print) 1550-9389 Registered in: scopus, wos Journal indicator: SJR (SCOPUS) 2018=1.237, SNIP (SCOPUS) 2018=1.45, CiteScore (SCOPUS) 2018=5.1 IF (JCR) 2018=3.456 Quartile Q: wos-jcr -- Q2 [Clinical neurology] -- 2018, scimago-sjr -- Q1 [Neurology (clinical)] -- 2018, scimago-sjr -- Q1 [Pulmonary and respiratory medicine] -- 2018, scimago-sjr -- Q2 [Neurology] -- 2018 Comments (15)
5	ADC Jeseňák, M. - Brndiarová, M. - Urbančíková, I. - Rennerová, Z. - Vojtková, J. - Bobčáková, A. - Ostró, R. - Bánovčín, P.: Immune Parameters and COVID-19 Infection - Associations With Clinical Severity and Disease Prognosis In: Frontiers in Cellular and Infection Microbiology [electronic document]. - Year 10 (2020), p. [1-8], art. well. 364 [online]. - ISSN (online) 2235-2988 Registered in: scopus, wos Journal indicator: SJR (SCOPUS) 2020=1.812, SNIP (SCOPUS) 2020=1.485, CiteScore (SCOPUS) 2020=6.5 IF (JCR) 2020=5.293 Quartile Q: wos-jcr -- Q2 [Immunology] -- 2020, wos-jcr -- Q1 [Microbiology] -- 2020, scimago-sjr -- Q1 [Immunology] -- 2020, scimago-sjr -- Q1 [Infection diseases] -- 2020, scimago-sjr -- Q1 [Medicine (miscellaneous)] -- 2020, scimago-sjr -- Q1 [Microbiology] -- 2020, scimago-sjr -- Q1 [Microbiology (medical)] -- 2020
<b>VI.3 - The most significant research/artistic/other outputs over the last six years</b>	
1	ADC Havlíčková, Z. - Jeseňák, M. - Bánovčín, P. - Kuchta, M.: Beta-palmitate - a natural component of human milk in supplemental milk formulas In: Nutrition Journal. - Year 15, no. Art. 28 (2016), p. 1-8. - ISSN 1475-2891 Registered in: scopus, wos Journal indicator: IF (JCR) 2016=3.211 Comments (26)

2	<p>ADC Pia Villa, M. - Ďurdíková, A. - Vitelli, O. - Evangelisti, M. - Rabasco, J. - Pietropaoli, N. - Bánovčín, P. - Kheirandish-Gozal, L. - Gozal, D.: Use of the sleep clinical record in the follow-up of children with obstructive sleep apnea (OSA) after treatment In: Sleep and Breathing. - Year 20, no. 1 (2016), p. 321-329. - ISSN 1520-9512 Registered in: scopus, wos Journal indicator: IF (JCR) 2016=2.288 Comments (10)</p>
3	<p>ADC Jošková, M. - Ďurdík, P. - Šutovská, M. - Grendár, M. - Koniar, D. - Hargaš, L. - Bánovčín, P. - Fraňová, S.: Negative impact of anesthesia with midazolam, sufentanil, and propofol used in pediatric flexible bronchoscopy on the tracheal ciliary beat frequency in guinea pigs In: Journal of Pharmacological Sciences [electronic document]. - Year 142, no. 4 (2020), p. 165-171 [print]. - ISSN (print) 1347-8613 Registered in: scopus Journal indicator: SJR (SCOPUS) 2020=0.985, SNIP (SCOPUS) 2020=0.991, CiteScore (SCOPUS) 2020=5.1 IF (JCR) 2020=3.337 Quartile Q: wos-jcr -- Q3 [Pharmacology &amp; pharmacy] -- 2020, scimago-sjr -- Q2 [Molecular medicine] -- 2020, scimago-sjr -- Q2 [Pharmacology] -- 2020</p>
4	<p>ADC Marušiaková, L. - Ďurdík, P. - Jeseňák, M. - Bugová, G. - Kvaššayová, J. - Oppová, D. - Bánovčín, P.: Ciliary beat frequency in children with adenoid hypertrophy In: Pediatric Pulmonology [electronic document]. - Year 53, no. 3 (2020), p. 666-673 [print]. - ISSN (print) 8755-6863 Registered in: scopus, wos Journal indicator: SJR (SCOPUS) 2020=0.866, SNIP (SCOPUS) 2020=1.109, CiteScore (SCOPUS) 2020=3.8 IF (JCR) 2020=3.039 Quartile Q: wos-jcr -- Q2 [Pediatrics] -- 2020, wos-jcr -- Q3 [Respiratory system] -- 2020, scimago-sjr -- Q1 [Pediatrics, perinatology and child health] -- 2020, scimago-sjr -- Q2 [Pulmonary and respiratory medicine] -- 2020 Comments (1)</p>
5	<p>ADC Jeseňák, M. - Brndiarová, M. - Bánovčín, P. - Varga, L. - Farkas, H.: Successful Use of Recombinant Human C1-INH in a Patient with Acquired Angiodema due to C1 Inhibitor Deficiency and an Unusually High Titer of Anti-C1-Inhibitor Autoantibodies In: Journal of Investigational Allergology and Clinical Immunology - Vol. 31, no. 3 (2021), p. 255-256. - ISSN (print) 1018-9068 Registered in: scopus, wos IF (JCR) 2020=7.033 Comments(1)</p>

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

1	<p>Assessment of tidal breathing patterns for monitoring of bronchial obstruction in infants / Bánovčín, P. - Seidenberg, J.-Hardt, Horst von der, 1995. - feedback: 1998 - Morgan, W. J. - Martinez, F. D. : Maternal smoking and infant function - Further evidence for an in utero effect. - In: American Journal of Respiratory and Critical Care, vol. 158, no. 3, 1998; with. 689-690; SCI</p>
2	<p>Assessment of tidal breathing patterns for monitoring of bronchial obstruction in infants / Bánovčín, P. - Seidenberg, J.-Hardt, Horst von der, 1995. - feedback: 2006 - Haland, G. - Carlsen, K. C. L. - Sandvik, L. - Devulapalli, C.S. - Munthe-Kaas, M.C. - Pettersen, M. - Carlsen, K.H. : Reduced lung function ... - In: New England Journal of Medicine, vol. 355, no. 16, 2006; with. 1682-1689; SCI; SCOPUS</p>
3	<p>Liptáková, Adriána (aut) [UKOLFMIU] (70%) - Siegfried, Leonard (aut) (7%) - Kmeťová, Marta (aut) (7%) - Birošová, Eva (aut) (7%) - Kotulová, Daniela (aut) [UKOLF] (2%) - Benčatová, A. (aut) (3%) - Košecká, M. (aut) (1%) - Bánovčín, Peter(aut) [UKOLJ270] (3%): Hemolytic uremic syndrome caused by verotoxin-producing Escherichia coli O26 : 2022 zz ~ Zhang, X.M. - Payne, M. - Kaur, S. - Lan, R.T.: Frontiers in Cellular and Infection Microbiology, roč. 11, 2022, č. čl. 772574 -- SCI ; SCOPUS UKOLFUK</p>

4	Kapustová, Lenka (aut) (30%) - Petrovičová, Otília (aut) (30%) - Bánovčin, Peter (aut) [UKOLJ270] (5%) - Antošová, Martina (aut) (5%) - Bobčáková, Anna (aut) [UKOLJ229] (5%) - Urbančíková, Ingrid (aut) (5%) - Rennerová Böhmerová, Zuzana (aut) [KAUT] (10%) - Jeseňák, Miloš (aut) [UKOLJ270] (10%): COVID-19 and the Differences in Physiological Background Between Children and Adults and Their Clinical 2023 zz ~ Tarbiah, N. I. - Alkhatabi, N. A. - Alsahafi, A. J. - Aljahdali, H. S. - Joharjy, H. M. - Al-Zahrani, M. H. - Sabban, A. M. - Alghamdi, R. A. - Balgoon, M. J. - Khalifa, R. A.: T Cells Immunophenotyping and CD38 Overexpression as Hallmarks of the Severity of COVID-19 and Predictors of Patients Outcomes. In: Journal of Clinical Medicine, roč. 12, č. 2, 2023, čl. č. 710 -- SCI ; SCOPUS
5	Immune Parameters and COVID-19 Infection - Associations With Clinical Severity and Disease Prognosis / Jeseňák, M. - Brndiarová, M. - Urbančíková, I. - Rennerová, Z. - Vojtková, J. - Bobčáková, A. - Ostró, R. - Bánovčin, P. - Feedback: 2021 Kratzer, B. - Trapin, D. - Ettl, P. - Körmöczi, U. - Rottal, A. - Tuppy, F. - Feichter, M. - Gattinger, P. - Borochova, K. - Dorofeeva, Y. - Tulaeva, I. - Weber, M. - Grabmeier-Pfistershammer, K. - Tauber, P. A. - Gerdov, M. - Mühl, B. - Perkmann, T. - Fae, I. - Wenda, S. - Führer, H. - Henning, R. - Valenta, R. - Pickl, W.F.: Allergy: European Journal of Allergy and Clinical Immunology, vol. 76, no. 3, 2021, p. 751-765 - SCI; SCOPUS

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

1	Responsible researcher: doc. MUDr. Miriam Čiljaková, PhD. Clinic of children and adolescents JLF UK and UNM 1/0262/14 "Changes in sleep architecture and its relationship to current and long-term compensation of diabetes mellitus type 1 in childhood." Solution period: 2014-2016
2	Responsible researcher: prof. MUDr. Miloš Jeseňák, PhD., MBA Clinic of children and adolescents JLF UK and UNM 1/0252/14 "Study of mechanisms of immune tolerance in relation to the development of bronchial asthma in childhood." Solution period: 2014-2017
3	Responsible researcher: MUDr. Jarmila Vojtková, PhD. Clinic of children and adolescents JLF UK and UNM 1/0310/18 "Association between early onset of microvascular complications and dysregulation of hemostasis in children with type 1 diabetes." Solution period: 2018-2021
4	Responsible researcher: prof. MUDr. Mgr. Miloš Jeseňák, PhD., MBA Clinic of children and adolescents JLF UK and UNM 048UK-4/2021 "Modern and integrative education in pediatric propaedeutics." Solution period: 2021-2022

#### VII. - Overview of organizational experience related to higher education and research/artistic/other activities

<b>VII.a - Activity, position</b>	<b>VII.b - Name of the institution, board</b>	<b>VII.c - Duration</b>
Chief expert for Pediatrics MHSR	MHSR	2008-present
President of the Slovak Pediatric Society	Slovak Medical Society	2003-2008
Vice-chairman of the pediatric pneumology and tuberculosis section of the SPS	Slovak Medical Society	2010-2021
Member of the scientific council of JFM CU in Martin	Comenius University Bratislava	2002-present
Guarantor of university studies in the field of Pediatrics JFM CU	Jessenius Faculty of Medicine; MHSR	2002
Chairman of the Commission for State Examinations III. degree in Pediatrics	Jessenius Faculty of Medicine	2002
Main organizer of pediatric conferences with international participation (Galand days)	Jessenius Faculty of Medicine	1996-2019; 2022
President of Slovak pediatric congresses	Slovak Pediatric Society	2001, 2009, 2017

### VIII. - Overview of international mobilities and visits oriented on education and research/artistic/other activities in the given field of study

<b>VIII.a - Name of the institution</b>	<b>VIII.b - Address of the institution</b>	<b>VIII.c - Duration (indicate the duration of stay)</b>	<b>VIII.d - Mobility scheme, employment contract, other (describe)</b>
MHH Hannover Children's Clinic	Hanover, Germany	1992-1993	Humoldt scholarship
BMRC Laboratories	Fajara, Gambia	1993	BMRC-expert invitation
National Research Center for Childhood Tuberculosis and Respiratory Diseases	Rabka, Poland	1996, 1999	Study visit

### IX. - Other relevant facts

**Date of last update**

29.09.2023