Vedecko/umelecko-pedagogická charakteristika osoby [1]
Research/art/teacher profile of a person [2]

Tlačivo VUPCH určuje štruktúru dát Vedecko/umelecko-pedagogickej charakteristiky osoby pre spracovanie príloh žiadostí SAAVŠ.
The form determines the data structure of the Research/art/teacher profile of a person. It is used for processing the annexes to the Slovak Accreditation Agency for Higher Education (SAAHE) applications.

Dátum poslednej aktualizácie / Date of last update:	1.3.2022

I. Základné údaje / Basic information

I.1 Priezvisko / Surname	*Kraic*
I.2 Meno / Name	*Ján*
I.3 Tituly / Degrees	*prof., RNDr., PhD.*
I.4 Rok narodenia / Year of birth	*1962*
I.5 Názov pracoviska / Name of the workplace	*Fakulta prírodných vied, Univerzita sv. Cyrila a Metoda v Trnave*
I.6 Adresa pracoviska / Address of the workplace	*Nám. J. Herdu 2, 91701 Trnava*
I.7 Pracovné zaradenie / Position	*profesor na funkčnom mieste profesora, vedúci katedry*
I.8 E-mailová adresa / E-mail address	jan.kraic@ucm.sk
I.9 Hyperlink na záznam osoby v Registri zamestnancov vysokých škôl / Hyperlink to the entry of a person in the Register of university staff	https://www.portalvs.sk/regzam/detail/10524?do=filterForm-submit&name=J%C3%A1n&surname=Kraic&sort=surname&employment_state=yes&filter=Vyh%C4%BEadaC%A5
I.10 Názov študijného odboru, v ktorom osoba pôsobí na vysokej škole / Name of the study field in which a person works at the university	*Biotechnológie*
I.11 ORCID iD [3]	*0000-0003-1551-1295*

II. Vysokoškolské vzdelanie a ďalší kvalifikačný rast / Higher education and further qualification growth

	II.a Názov vysokej školy alebo inštitúcie / Name of the university or institution	II.b Rok / Year	II.c Odbor a program / Study field and programme
II.1 Vysokoškolské vzdelanie prvého stupňa / First degree of higher education	*Univerzita Komenského, Prírodovedecká fakulta*	*1984*	*Biochémia*
II.2 Vysokoškolské vzdelanie druhého stupňa / Second degree of higher education	*Univerzita Komenského, Prírodovedecká fakulta*	*1986*	*Biochémia*
II.3 Vysokoškolské vzdelanie tretieho stupňa / Third degree of higher education	*Univerzita Komenského, Prírodovedecká fakulta*	*1999*	*Molekulárna biológia*
II.4 Titul docent / Associate professor	*Univerzita Konštantína Filozofa, Fakulta prírodných vied*	*2008*	*Biológia*
II.5 Titul profesor / Professor	*Univerzita Konštantína Filozofa, Fakulta prírodných vied*	*2015*	*Biológia*
II.6 Titul DrSc. / Doctor of Science (DrSc.)			

III. Súčasné a predchádzajúce zamestnania / Current and previous employment

III.a Zamestnanie-pracovné zaradenie / Occupation-position	III.b Inštitúcia / Institution	III.c Časové vymedzenie / Duration
vysokoškolský pedagóg	*Fakulta prírodných vied, Univerzita sv. Cyrila a Metoda v Trnave*	*2001-doteraz*
vedecký pracovník	*Výskumný ústav rastlinnej výroby Piešťany*	*1987-doteraz*

IV. Rozvoj pedagogických, odborných, jazykových, digitálnych a iných zručností / Development of pedagogical, professional, language, digital and other skills

IV.a Popis aktivity, názov kurzu (ak išlo o kurz), iné / Activity description, course name, other	IV.b Názov inštitúcie / Name of the institution	IV.c Rok / Year

V. Prehľad aktivít v rámci pedagogického pôsobenia na vysokej škole / Overview of activities within the teaching career at the university

V.1. Prehľad zabezpečovaných profilových študijných predmetov v aktuálnom akademickom roku podľa študijných programov / Overview of the profile courses taught in the current academic year according to study programmes

V.1.a Názov profilového predmetu / Name of the profile course	V.1.b Študijný program / Study programme	V.1.c Stupeň / Degree	V.1.d Študijný odbor / Field of study
Poľnohospodárske biotechnológie	*Biotechnológie*	*I.*	*biotechnológie/Biotechnology*
Úvod do biotechnológií	*Biotechnológie*	*I.*	*biotechnológie/Biotechnology*
In vitro systémy rastlín	*Biotechnológie*	*I.+II.*	*biotechnológie/Biotechnology*
Molekulárno-biologické techniky	*Biotechnológie*	*I.+II.*	*biotechnológie/Biotechnology*
Molekulárne biotechnológie	*Biotechnológie*	*I.+II.*	*biotechnológie/Biotechnology*

V.2. Prehľad o zodpovednosti za uskutočňovanie, rozvoj a zabezpečenie kvality študijného programu alebo jeho časti na vysokej škole v aktuálnom akademickom roku / 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 [4]

V.2.a Názov študijného programu / Name of the study programme	V.2.b Stupeň / Degree	V.2.c Študijný odbor / Field of study
Biotechnológie	*I.+II.*	*biotechnológie/Biotechnology*
Biotechnológie	*III.*	*biotechnológie/Biotechnology*

V.3. Prehľad o zodpovednosti za rozvoj a kvalitu odboru habilitačného konania a inauguračného konania v aktuálnom akademickom roku / 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 Názov odboru habilitačného konania a inauguračného konania / Name of the field of habilitation procedure and inaugural procedure	V.3.b Študijný odbor, ku ktorému je priradený / Study field to which it is assigned
Molekulárna biológia	*biológia / Biology*

V.4. Prehľad vedených záverečných prác / Overview of supervised final theses

	V.4.a Bakalárske (prvý stupeň) / Bachelor's (first degree)	V.4.b Diplomové (druhý stupeň) / Diploma (second degree)	V.4.c Dizertačné (tretí stupeň) / Dissertation (third degree)
V.4.1 Počet aktuálne vedených prác / Number of currently supervised theses	2	0	**1**
V.4.2 Počet obhájených prác / Number of defended theses	5	8	**12**

V.5. Prehľad zabezpečovaných ostatných študijných predmetov podľa študijných programov v aktuálnom akademickom roku / Overview of other courses taught in the current academic year according to study programmes

V.5.a Názov profilového predmetu / Name of the profile course	V.5.b Študijný program / Study programme	V.5.c Stupeň / Degree	V.5.d Študijný odbor / Field of study
Úvod do biotechnológií	*Molekulárna biológia*	*I.*	*biológia / Biology*
In vitro systémy rastlín	*Molekulárna biológia*	*I.+II.*	*biológia / Biology*

VI. Prehľad výsledkov tvorivej činnosti / Overview of the research/artistic/other outputs

VI.1. Prehľad výstupov tvorivej činnosti a ohlasov na výstupy tvorivej činnosti / Overview of the research/artistic/other outputs and the corresponding citations		
	VI.1.a Celkovo / Overall	VI.1.b Za posledných šesť rokov / Over the last six years
VI.1.1 Počet výstupov tvorivej činnosti / Number of the research/artictic/other outputs	*310*	*34*
VI.1.2 Počet výstupov tvorivej činnosti registrovaných v databázach Web of Science alebo Scopus / Number of the research/artictic/other outputs registered in the Web of Science or Scopus databases	*105*	*47*
VI.1.3 Počet ohlasov na výstupy tvorivej činnosti / Number of citations corresponding to the research/artictic/other outputs	*730*	*505*
VI.1.4 Počet ohlasov registrovaných v databázach Web of Science alebo Scopus na výstupy tvorivej činnosti / Number of citations registered in the Web of Science or Scopus databases	*395*	*221*
VI.1.5 Počet pozvaných prednášok na medzinárodnej a národnej úrovni / Number of invited lectures at the international, national level	*12*	*1*

VI.2. Najvýznamnejšie výstupy tvorivej činnosti / The most significant research/artistic/other outputs [5]	
1.	Kanukova, S.; Mrkvova, M.; Mihalik, D.; Kraic, J.: Procedures for DNA Extraction from Opium Poppy (*Papaver somniferum* L.) and Poppy Seed-Containing Products. FOODS, 2020, 9, 1429. DOI: 10.3390/foods9101429
2.	Mihalik, D.; Lancaricova, A.; Mrkvova, M.; Kanukova, S.; Moravcikova, J.; Glasa, M.; Subr, Z.; Predajna, L.; Hancinsky, R.; Gresikova, S.; Havrlentova, M.; Hauptvogel, P.; Kraic, J.: Diacylglycerol Acetyltransferase Gene Isolated from Euonymus europaeus L. Altered Lipid Metabolism in Transgenic Plant towards the Production of Acetylated Triacylglycerols. LIFE-BASEL, 2020, 10, 205. DOI: 10.3390/ life10090205
3.	Tomasechova, J.; Hancinsky, R.; Predajna, L.; Kraic, J.; Mihalik, D.; Soltys, K.; Vavrova, S.; Bohmer, M.; Sabanadzovic, S.; Glasa, M.: HighThroughput Sequencing Reveals Bell Pepper Endornavirus Infection in Pepper (Capsicum annum) in Slovakia and Enables Its Further Molecular Characterization. PLANTS-BASEL, 2020, 9, 41. DOI: 10.3390/plants9010041
4.	Kraic, J.; Mihalik, D.; Klcova, L.; Gubisova, M.; Klempova, T.; Hudcovicova, M.; Ondreickova, K.; Mrkvova, M.; Havrlentova, M.; Gubis, J.; Certik, M.: Progress in the genetic engineering of cereals to produce essential polyunsaturated fatty acids JOURNAL OF BIOTECHNOLOGY, 2018, 284, 115-122. DOI: 10.1016/j.jbiotec.2018.08.009
5.	Mihalik, D.; Gubisova, M.; Kraic, J.; Hudcovicova, M.; Havrlentova, M.; Moravcikova, J.; Glasa, M.; Matusikova, I.: Introduction of a synthetic Thermococcus-derived alpha-amlyase gene into barley genome for increased enzyme thermostability in grains. ELECTRONIC JOURNAL OF BIOTECHNOLOGY, 2017, 30, 1-5. DOI: 10.1016/j.ejbt.2017.08.002

VI.3. Najvýznamnejšie výstupy tvorivej činnosti za ostatných šesť rokov / The most significant research/artistic/other outputs over the last six years [6]	
1.	Sák, M.: Dokupilová, I.; Kaňuková, Š.; Mrkvová, M.; Mihálik, D.; Hauptvogel, P.; Kraic, J,: Biotic and Abiotic Elicitors of Stilbenes Production in Vitis vinifera L. Cell Culture. PLANTS, 2021, 10, 490. DOI: 10.3390/plants10030490
2.	Kanukova, S.; Mrkvova, M.; Mihalik, D.; Kraic, J.: Procedures for DNA Extraction from Opium Poppy (*Papaver somniferum* L.) and Poppy Seed-Containing Products. FOODS, 2020, 9, 1429. DOI: 10.3390/foods9101429
3.	Mihalik, D.; Lancaricova, A.; Mrkvova, M.; Kanukova, S.; Moravcikova, J.; Glasa, M.; Subr, Z.; Predajna, L.; Hancinsky, R.; Gresikova, S.; Havrlentova, M.; Hauptvogel, P.; Kraic, J.: Diacylglycerol Acetyltransferase Gene Isolated from Euonymus europaeus L. Altered Lipid Metabolism in Transgenic Plant towards the Production of Acetylated Triacylglycerols. LIFE-BASEL, 2020, 10, 205. DOI: 10.3390/life10090205
4.	Tomasechova, J.; Hancinsky, R.; Predajna, L.; Kraic, J.; Mihalik, D.; Soltys, K.; Vavrova, S.; Bohmer, M.; Sabanadzovic, S.; Glasa, M.: HighThroughput Sequencing Reveals Bell Pepper Endornavirus Infection in Pepper (Capsicum annum) in Slovakia and Enables Its Further Molecular Characterization. PLANTS-BASEL, 2020, 9, 41. DOI: 10.3390/plants9010041
5.	Kraic, J.; Mihalik, D.; Klcova, L.; Gubisova, M.; Klempova, T.; Hudcovicova, M.; Ondreickova, K.; Mrkvova, M.; Havrlentova, M.; Gubis, J.; Certik, M.: Progress in the genetic engineering of cereals to produce essential polyunsaturated fatty acids JOURNAL OF BIOTECHNOLOGY, 2018, 284, 115-122. DOI: 10.1016/j.jbiotec.2018.08.009

VI.4. Najvýznamnejšie ohlasy na výstupy tvorivej činnosti / The most significant citations corresponding to the research/artistic/other outputs[7]	
1.	**Gubisova, M.; Gubis, J.; Zofajova, A.; Mihalik, D.; Kraic, J.: Enhanced *in vitro* propagation of *Miscanthus* x *giganteus* . INDUSTRIAL CROPS AND PRODUCTS, 2013, 41, 279-282. DOI: 10.1016/j.indcrop.2012.05.004**: *Record 1 of 5 Title: The Past, Present and Future of Cannabis sativa Tissue Culture Author(s): Monthony, AS (Monthony, Adrian S.); Page, SR (Page, Serena R.); Hesami, M (Hesami, Mohsen); Jones, AMP (Jones, Andrew Maxwell P.) Source: PLANTS-BASEL Volume: 10 Issue: 1 Article Number: 185 DOI: 10.3390/plants10010185 Published: JAN 2021 Record 2 of 5 Title: Improving callus regeneration of Miscanthusxgiganteus JMGreef, Deuter ex Hodk., Renvoize "M161' callus by inhibition of the phenylpropanoid biosynthetic pathway Author(s): Downey, CD (Downey, Cassandra Doll); Zon, J (Zon, Jerzy); Jones, AMP (Jones, Andrew Maxwell Phineas) Source: IN VITRO CELLULAR & DEVELOPMENTAL BIOLOGY-PLANT Volume: 55 Issue: 1 Pages: 109-120 DOI: 10.1007/s11627-018-09957-z Published: FEB 2019 Record 3 of 5 Title: Miscanthus x giganteus: Regeneration system with assessment of genetic an epigenetic stability in long-term in vitro culture Author(s): Cichorz, S (Cichorz, Sandra); Goska, M (Goska, Maria); Mankowski, DR (Mankowski, Dariusz R.) Source: INDUSTRIAL CROPS AND PRODUCTS Volume: 116 Pages: 150-161 DOI: 10.1016/j.indcrop.2018.02.055 Published: JUN 2018 Record 4 of 5 Title: Establishing miscanthus x giganteus crops in Ireland through nodal propagation by harvesting stems in autumn and sowing them immediately into a field Author(s): O'Loughlin, J (O'Loughlin, John); McDonnell, K (McDonnell, Kevin); Finnan, J (Finnan, John) Source: BIOMASS & BIOENERGY Volume: 107 Pages: 345-352 DOI:10.1016/j.biombioe.2017.08.010 Published: DEC 2017 Record 5 of 5 Title: MISCANTHUS: GENETIC DIVERSITY AND A METHOD OF PLOIDY VARIABILITY IDENTIFICATION USING FLUORESCENT CYTOPHOTOMETRY Author(s): Kovalchuk, NS (Kovalchuk, N. S.); Roik, MV (Roik, M. V.) Source: AGRICULTURAL SCIENCE AND PRACTICE Volume: 4 Issue: 3 Pages: 19-27 DOI: 10.15407/agrisp4.03.019 Published: 2017*

2.	**Havrlentova, M.; Kraic, J.: Content of beta-D-glucan in cereal grains. JOURNAL OF FOOD AND NUTRITION RESEARCH , 2006, 45 97-103** *Record 1 of 5 By: Xu, DF (Xu, Dengfeng); Liu, HC (Liu, Hechun); Yang, C (Yang, Chao); Xia, H (Xia, Hui); Pan, D (Pan, Da); Yang, X (Yang, Xian); Yang, LG (Yang, Ligang); Wang, SK (Wang, Shaokang); Sun, GJ (Sun, Guiju) Title: Effects of different delivering matrices of betaglucan on lipids in mildly hypercholesterolaemic individuals: a meta-analysis of randomised controlled trials Source: BRITISH JOURNAL OF NUTRITION, Volume: 125, Issue: 3 Pages: 294-307. DOI: 10.1017/S0007114520001610 Published: FEB 14 2021 Record 2 of 5 By: Shoukat, M (Shoukat, Mahtab); Sorrentino, A (Sorrentino, Angela) Title: Cereal beta-glucan: a promising prebiotic polysaccharide and its impact on the gut health Source: INTERNATIONAL JOURNAL OF FOOD SCIENCE AND TECHNOLOGY DOI: 10.1111/ijfs.14971 Early Access Date: JAN 2021 Record 3 of 5 By: Geng, L (Geng, La); Li, MD (Li, Mengdi); Xie, SG (Xie, Shanggeng); Wu, DZ (Wu, Dezhi); Ye, LZ (Ye, Lingzhen); Zhang, GP (Zhang, Guoping) Title: Identification of genetic loci and candidate genes related to beta-glucan content in barley grain by genome-wide association study in International Barley Core Selected Collection Source: MOLECULAR BREEDING, Volume: 41, Issue: 1, Article Number: 6 DOI: 10.1007/s11032-020-01199-5 Published: JAN 13 2021 Record 4 of 5 By: Adeleye, OO (Adeleye, Oluwafunmilayo Oluwanifemi); Ogunwole, OA (Ogunwole, Olugbenga Adeniran); Olumide, MD (Olumide, Martha Dupe); Ojediran, TT (Ojediran, Tawakalt Temitope) Title: Whole pearl millet feeding does not impair performance and nutrient digestibility in 28-dayold broiler chickens Source: JOURNAL OF ANIMAL PHYSIOLOGY AND ANIMAL NUTRITION, Volume: 104, Issue: 2 Pages: 517-528. DOI: 10.1111/jpn.13276. Published: MAR 2020 Record 5 of 5 By: Danilova, TV (Danilova, Tatiana, V); Poland, J (Poland, Jesse); Friebe, B (Friebe, Bernd) Title: Production of a complete set of wheat-barley group-7 chromosome recombinants with increased grain beta-glucan content Source: THEORETICAL AND APPLIED GENETICS, Volume: 132, Issue: 11 Pages: 3129-3141 DOI: 10.1007/s00122-019-03411-3 Published: NOV 2019*
3.	**Blaszczyk, L.; Chelkowski, J.; Korzun, V.; Kraic, J.; Ordon, F.; Ovesna, J.; Purnhauser, L.; Tar, M.; Vida, G.: Verification of STS markers for leaf rust resistance genes of wheat by seven European laboratories. CELLULAR & MOLECULAR BIOLOGY LETTERS, 2004, 9, 805-817** *Record 1 of 5 By: Aktar-Uz-Zaman, M (Aktar-Uz-Zaman, Md); Tuhina-Khatun, M (Tuhina-Khatun, Mst); Hanafi, MM (Hanafi, Mohamed Musa); Sahebi, M (Sahebi, Mahbod) Title: Genetic analysis of rust resistance genes in global wheat cultivars: an overview Source: BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT Volume: 31, Issue: 3, Pages: 431-445, DOI: 10.1080/13102818.2017.1304180 Published: 2017 Record 2 of 5 By: Esmail, RM (Esmail, R. M.); Sattar, AAA (Sattar, A. A. Abdel); Mahfouzel, HA (Mahfouzel, Heba A.); Mahfouze, SA (Mahfouze, Sherin A.); Abou-Ellail, MA (Abou-Ellail, M. A.) Title: Evaluation of Leaf Rust Resistant by Detection of Lr Genes in New Egyptian Wheat Lines Source: RESEARCH JOURNAL OF PHARMACEUTICAL BIOLOGICAL AND CHEMICAL SCIENCES, Volume: 6 Issue: 2, Pages: 1215-1222 Published: MAR-APR 2015 Record 3 of 5 By: Kwiatek, M (Kwiatek, M.); Blaszczyk, L (Blaszczyk, L.); Wisniewska, H (Wisniewska, H.); Apolinarska, B (Apolinarska, B.) Title: Aegilops-Secale amphiploids: chromosome categorisation, pollen viability and identification of fungal disease resistance genes Source: JOURNAL OF APPLIED GENETICS, Volume: 53, Issue: 1 Pages: 37-40, DOI: 10.1007/s13353-011-0071-z Published: FEB 2012 Record 4 of 5 By: Kumar, Yogesh; Kumar, Santosh; Saharan, M. S.; Chhokar, Vinod; Tiwari, Jag Shoran Ratan; Mishra, B. Title: DNA MARKER ASSISTED INCORPORATION OF LR35 GENE IN WHEAT Source: Plant Cell Biotechnology and Molecular Biology, Volume: 12, Issue: 1-4, Pages: 71-76, Published: MAR-DEC 2011 Record 5 of 5 By: Todorovska, E (Todorovska, E.); Christov, N (Christov, N.); Slavov, S (Slavov, S.); Christova, P (Christova, P.); Vassilev, D (Vassilev, D.) Title: BIOTIC STRESS RESISTANCE IN WHEAT - BREEDING AND GENOMIC SELECTION IMPLICATIONS Source: BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT Volume: 23, Issue: 4, Pages: 1417-1426 DOI: 10.2478/V10133-009-0006-6 Published: NOV 2009*
4.	**Mikulikova, D.; Masar, S.; Kraic, J.: Biodiversity of legume health-promoting starch. STARCH-STARKE, 2008, 60, 426-432 DOI: 10.1002/ star.200700693** *Record 1 of 5 By: Rojas-Molina, I (Rojas-Molina, Isela); Mendoza-Avila, M (Mendoza-Avila, Monsserrat); CornejoVillegas, MD (de los Angeles Cornejo-Villegas, Maria); Del Real-Lopez, A (Del Real-Lopez, Alicia); Rivera-Munoz, E (Rivera-Munoz, Eric); Rodriguez-Garcia, M (Rodriguez-Garcia, Mario); Gutierrez-Cortez, E (Gutierrez-Cortez, Elsa) Title: Physicochemical Properties and Resistant Starch Content of Corn Tortilla Flours Refrigerated at Different Storage Times Source: FOODS, Volume: 9, Issue: 4 Article Number: 469, DOI: 10.3390/foods9040469 Published: APR 2020 Record 2 of 5 By: Jayawardena, N (Jayawardena, Nilakshi); Herath, PN (Herath, Pavithra N.); Watawana, MI (Watawana, Mindani I.); Waisundara, VY (Waisundara, Viduranga Y.) Title: EFFECTS OF PROCESSING AND STORAGE CONDITIONS ON THE IN VITRO DIGESTIBILITY AND OTHER FUNCTIONAL PROPERTIES OF SIX SOUTH ASIAN STARCHES Source: JOURNAL OF FOOD PROCESSING AND PRESERVATION Volume: 41, Issue: 4, Article Number: e13017, DOI: 10.1111/jfpp.13017 Published: AUG 2017 Record 3 of 5 By: Raja, RB (Raja, Ramadoss Bharathi); Agasimani, S (Agasimani, Somanath); Jaiswal, S (Jaiswal, Sarita); Thiruvengadam, V (Thiruvengadam, Venkatesan); Sabariappan, R (Sabariappan, Robin); Chibbar, RN (Chibbar, Ravindra N.); Ram, SG (Ram, Sundaram Ganesh) Title: EcoTILLING by sequencing reveals polymorphisms in genes encoding starch synthases that are associated with low glycemic response in rice Source: BMC PLANT BIOLOGY, Volume: 17, Article Number: 13 DOI: 10.1186/s12870-016-0968-0 Published: JAN 14 2017 Record 4 of 5 By: Waduge, RN (Waduge, Renuka Nilmini); Warkentin, TD (Warkentin, Thomas D.); Donner, E (Donner, Elizabeth); Cao, R (Cao, Rong); Ramdath, DD (Ramdath, D. Dan); Liu, Q (Liu, Qiang) Title: Structure, Physicochemical Properties, and In Vitro Starch Digestibility of Yellow Pea Flour Modified with Different Organic Acids Source: CEREAL CHEMISTRY, Volume: 94, Issue: 1, Pages: 142-150 DOI: 10.1094/CCHEM-03-16-0068-FI Published: JAN-FEB 2017 Record 5 of 5 By: Ashwar, BA (Ashwar, Bilal Ahmad); Gani, A (Gani, Adil); Shah, A (Shah, Asima); Wani, IA (Wani, Idrees Ahmed); Masoodi, FA (Masoodi, Farooq Ahmad) Title: Preparation, health benefits and applications of resistant starch - a review Source: STARCH-STARKE, Volume: 68 Issue: 3-4, Special Issue: SI, Pages: 287-301, DOI: 10.1002/star.201500064 Published: APR 2016*
5.	**Gregova, E.; Hermuth, J.; Kraic, J.; Dotlacil, L.: Protein heterogeneity in European wheat landraces and obsolete cultivars Source: GENETIC RESOURCES AND CROP EVOLUTION, Volume: 46, Issue: 5, Pages: 521-528, DOI: 10.1023/A:1008751815445 Published: OCT 1999** *Record 1 of 5 By: Paczos-Grzeda, E (Paczos-Grzeda, Edyta); Boczkowska, M (Boczkowska, Maja); Sowa, S (Sowa, Sylwia); Koroluk, A (Koroluk, Aneta); Toporowska, J (Toporowska, Joanna) Title: Hidden Diversity of Crown Rust Resistance within Genebank Resources of Avena sterilis L. Source: AGRONOMY-BASEL, Volume: 11, Issue: 2, Article Number: 315 DOI: 10.3390/agronomy11020315 Published: FEB 2021 Record 2 of 5 By: Lakhneko, O (Lakhneko, Olha); Danchenko, M (Danchenko, Maksym); Morgun, B (Morgun, Bogdan); Kovac, A (Kovac, Andrej); Majerova, P (Majerova, Petra); Skultety, L (Skultety, Ludovit) Title: Comprehensive Comparison of Clinically Relevant Grain Proteins in Modern and Traditional Bread Wheat Cultivars Source: INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, Volume: 21, Issue: 10, Article Number: 3445 DOI: 10.3390/ijms21103445 Published: MAY 2020 Record 3 of 5 By: Lee, S (Lee, Sukyeung); Choi, YM (Choi, Yu-Mi); Lee, MC (Lee, Myung-Chul); Hyun, DY (Hyun, Do Yoon); Oh, S (Oh, Sejong); Jung, Y (Jung, Yeonju) Title: Geographical comparison of genetic diversity in Asian landrace wheat (Triticum aestivum L.) germplasm based on high-molecularweight glutenin subunits Source: GENETIC RESOURCES AND CROP EVOLUTION, Volume: 65, Issue: 6, Pages: 1591-1602 DOI: 10.1007/s10722-018-0633-6 Published: AUG 2018 Record 4 of 5 By: Boczkowska, M (Boczkowska, Maja); Lapinski, B (Lapinski, Boguslaw); Kordulasinska, I (Kordulasinska, Izabela); Dostatny, DF (Dostatny, Denise F.); Czembor, JH (Czembor, Jerzy H.) Title: Promoting the Use of Common Oat Genetic Resources through Diversity Analysis and Core Collection Construction Source: PLOS ONE, Volume: 11, Issue: 12, Article Number: e0167855 DOI: 10.1371/journal.pone.0167855 Published: DEC 13 2016 Record 5 of 5 By: Boczkowska, M (Boczkowska, M.); Onysk, A (Onysk, A.) Title: Unused genetic resources: a case study of Polish common oat germplasm Source: ANNALS OF APPLIED BIOLOGY, Volume: 169, Issue: 1, Pages: 155-165, DOI: 10.1111/aab.12289 Published: JUL 2016*

VI.5. Účasť na riešení (vedení) najvýznamnejších vedeckých projektov alebo umeleckých projektov za posledných šesť rokov / Participation in conducting (leading) the most important research projects or art projects over the last six years [8]	
1.	*313011W112 Udržateľné systémy inteligentného farmárstva zohľadňujúce výzvy budúcnosti (OPII)*
2.	*INTERREG SK-AT- SKATB303 Identifikácia a autentifikácia regionálnej produkcie ovocia*
3.	*APVV-18-0005 Analýza faktorov ovplyvňujúcich odpoveď plodiny na infekciu potyvírusmi na molekulárnej a bunkovej úrovni*
4.	*APVV-16-0051 Zlepšenie kvality oleja nepotravinárskych plodín*
5.	*APVV-16-0026 Metagenomický prístup identifikácie a charakterizácie vírusových ochorení pri vybratých druhoch liečivých rastlín*

VII. Prehľad aktivít v organizovaní vysokoškolského vzdelávania a tvorivých činností [9] / Overview of organizational experience related to higher education and research/artistic/other activities

VII.a Aktivita, funkcia / Activity, position	VII.b Názov inštitúcie, grémia / Name of the institution, board	VII.c Časové vymedzenia pôsobenia / Duration
člen	*Vedecká rada UCM*	*2018-doteraz*
člen	*Vedecká rada FPV UCM*	*2010-doteraz*
garant ŠP Biotechnológie - II. a III. Stupeň	*FPV UCM*	*2018-doteraz*

VIII. Prehľad zahraničných mobilít a pôsobenia so zameraním na vzdelávanie a tvorivú činnosť v študijnom odbore / Overview of international mobilities and visits oriented on education and research/artistic/ other activities in the given field of study

VIII.a Názov inštitúcie / Name of the institution	VIII.b Sídlo inštitúcie / Address of the institution	VIII.c Obdobie trvania pôsobenia/pobytu (uviesť dátum odkedy dokedy trval pobyt) / Duration (indicate the duration of stay)	VIII.d Mobilitná schéma, pracovný kontrakt, iné (popísať) / Mobility scheme, employment contract, other (describe)
University of Illinois, Cornell University, Iowa State University	*Champain, Ithaca, Ames, USA*	*2000*	*Cochranovo štipendium, U.S. Department of Agriculture, Washington, USA*
Università Degli Studi di Udine	*Udine, Taliansko*	*1997-199*	*Projekt EÚ INCO-Copernicus*
Agricultural Biotechnological Center	*Gödöllo, Maďarsko*	*1996*	*Medzinárodný kurz Metódy bunkovej a molekulárnej biológie rastlín*
Technische Universität München, Lehrstuhl für Pflanzenbau und Pflanzenzüchtung	*Freising-Weihenstephan, Nemecko*	*1993*	*Stážový pobyt Metódy lokalizácie a mapovania génov, molekulárne šľachtenie rastlín*

IX. Iné relevantné skutočnosti / Other relevant facts [10]

IX.a Ak je to podstatné, uvádzajú sa iné aktivity súvisiace s vysokoškolským vzdelávaním alebo s tvorivou činnosťou / If relevant, other activities related to higher education or research/artictic/other activities are mentioned