

I. Základné údaje			
I.1 Priezvisko, meno, tituly	Uváčková Lubica, RNDr., PhD.		
I.2 Rok narodenia	1979		
I.3 Názov a adresa pracoviska	Ústav genetiky a biotechnológií rastlín SAV, Nitra		
I.4 E-mailová adresa:	lubica.uvackova.@ucm.sk		
II. Informácie o vysokoškolskom vzdelaní a ďalšom kvalifikačnom raste			
	Názov vysokej školy alebo inštitúcie	Rok	Odbor a program
Vysokoškolské vzdelanie druhého stupňa	Univerzita sv. Cyrila a Metoda v Trnave	2002	Chémia, zameranie Biotechnológia
Vysokoškolské vzdelanie tretieho stupňa	Ústav genetiky a biotechnológií rastlín SAV, Nitra, Univerzita Komenského v Bratislave	2010	15-03-9 genetica
Titul docent			
Titul profesor			
Doktor vied			
Ďalšie vzdelávanie			
III. Zabezpečované činnosti			
III.1 Prehľad o vedených záverečných prácach, ktoré boli obhájené			
	Bakalárske	Diplomové	Dizertačné
Počet	9	1	0
III.2 Aktuálna pedagogická činnosť			
Názov predmetu: “Cytológia” (2/0) – prednášky v rámci študijného programu Aplikovaná biológia na FPV UCM v Trnave (I. stupeň, 2 roč.)			
Názov predmetu: “Fyziológia rastlín” - prednášky (2/0) v rámci študijného programu Aplikovaná biológia na FPV UCM v Trnave (I. stupeň, 2 roč.)			
Názov predmetu: “Pokročilá proteomika” – prednášky (2/0) v rámci študijného programu Aplikovaná biológia na FPV UCM v Trnave (II. stupeň, 2 roč.)			
Názov predmetu: “Fyziológia a biochémia rastlín” - prednášky (2/0) v rámci študijného programu Biotechnológia na FPV UCM v Trnave (I. stupeň, 2. roč.)			
Názov predmetu: “Proteomika” – prednášky (2/0) v rámci študijného programu Biotechnológia na FPV UCM v Trnave (II. stupeň, 1. roč.)			
Názov predmetu: “Proteomika” - prednášky (2/0) v rámci študijného programu Aplikovaná biológia na FPV UCM v Trnave (I. stupeň, 3. roč.)			
Názov predmetu: “Laboratórne cvičenie k semestrálnej práci I” - seminár (0/4) v rámci študijného programu Aplikovaná biológia na FPV UCM v Trnave (II. stupeň, 1. roč.)			
Názov predmetu: “Laboratórne cvičenie k semestrálnej práci II” - seminár (0/4) v rámci študijného programu Aplikovaná biológia na FPV UCM v Trnave (II. stupeň, 1. roč.)			
III.3 Predchádzajúca pedagogická činnosť			
Názov predmetu: “Bioorganická chémia a proteomika” - prednášky (1,5/0, v AR 2018/19) v rámci študijného programu Biomedicínska chémia na FPV UCM v Trnave (II. stupeň)			
Názov predmetu: “Laboratórne cvičenia z biotechnológií” (0/4 ZS 2015/16 - 2017/2018) – vedenie laboratorných cvičení v rámci študijného programu Aplikovaná biológia na FPV UCM v Trnave (I. stupeň)			
Názov predmetu: “Laboratórne cvičenie z aplikovanej biológie I” (0/5 ZS v AR 2015/16 – 2018/19) – vedenie laboratorných cvičení v rámci študijného programu Aplikovaná biológia na FPV UCM v Trnave (II. stupeň)			
Názov predmetu: “Seminár k bakalárskej práci” - seminár (0/2 v AR 2015/2016) v rámci študijného programu Aplikovaná biológia na FPV UCM v Trnave (II. stupeň, 1. roč.)			
Názov predmetu: “Šľachtenie rastlín a živočíchov” - prednášky (2/0 v AR 2015/2016) v rámci študijného programu Aplikovaná biológia na FPV UCM v Trnave (I. stupeň)			

Názov predmetu: **“Transgénnne organizmy”** – prednášky (0/3 v AR 2015/16-2016/2017) v rámci študijného programu Aplikovaná biológia na FPV UCM v Trnave (II. stupeň)

III.4 Aktuálna tvorivá činnosť

VEGA:1/0535/17 „Genetická výbava euglenoidných bičkovcov pre medzibunkovú komunikáciu, metabolizmus cukrov a potenciálnu mnohobunkovosť“ – riešiteľ

VEGA 1/0660/18 „Výskum efektorov (inhibítorov a aktivátorov) karnozinázy (beta-alanyl-histidín dipeptidázy), s cieľom optimalizácie plazmatických a tkanivových hladín karnozínu“ – riešiteľ

INTERREG SK-CZ: „Výskum a nájdenie vhodnej odrodovej skladby jarného jačmeňa požadovanej sladovníckej kvality pre oblasti častejšie postihované suchom pre výrobcov sladu a piva“ – riešiteľ

APVV-15-0098 „Pozitronová emisná tomografia ako nástroj in vivo štúdia transportu vybraných látok v rastlinách“

IV. Profil kvality tvorivej činnosti

IV.1 Prehľad výstupov

	Celkovo	Za posledných šesť rokov
Počet výstupov evidovaných vo Web of Science alebo Scopus	12	4
Počet výstupov kategórie A	10	4
Počet výstupov kategórie B	2	0
Počet citácií Web of Science alebo Scopus, v umeleckých študijných odboroch počet ohlasov v kategórii A	133	111
Počet projektov získaných na financovanie výskumu, tvorby	0	0
Počet pozvaných prednášok na medzinárodnej/národnej úrovni	0	0

IV.2 Najvýznamnejšie publikované vedecké práce, verejne realizované alebo prezentované umelecké diela a výkony. Maximálne päť.

1.	KLUBICOVÁ, Katarína - UVÁČKOVÁ, Ľubica – DANCHENKO, Maksym - NEMEČEK, Peter – SKULTÉTY, Ľudovít – SALAJ, Ján - SALAJ Terézia (2017) Insights into the early stage of Pinus nigra Arn. somatic embryogenesis using discovery proteomics. Journal of Proteomics 169, 99-111
2.	VARHANIKOVA, Miroslava - UVACKOVA, Ľubica - SKULTETY, Ľudovít - PRETOVA, Anna - OBERT, Bohuš - HAJDUCH, Martin (2014) Comparative quantitative proteomic analysis of embryogenic and non-embryogenic calli in maize suggests the role of oxylipins in plant totipotency. Journal of proteomics 104, 2014, 57-65.
3.	UVÁČKOVÁ, Ľubica - TAKÁČ, Tomáš - BOEHM, Nils - OBERT, Bohuš - ŠAMAJ, Jozef. (2012) Proteomic and biochemical analysis of maize anthers after cold pretreatment and induction of androgenesis reveals an important role of anti-oxidative enzymes. In Journal of Proteomics, 2012, vol.75, no.6, p. 1886-1894. (4.878 - IF2011). (2012 - Current Contents).
4.	UVÁČKOVÁ, Ľubica - ŠKULTÉTY, Ľudovít - BEKEŠOVÁ, Slávka - MCCLAIN, Scott - HAJDUCH, Martin (2013) MSE based multiplex protein analysis quantified important allergenic proteins and detected relevant peptides carrying known epitopes in wheat grain extracts. In Journal of Proteome Research, 2013,12, 4862-4869.
5.	UVÁČKOVÁ, Ľubica - ŠKULTÉTY, Ľudovít - BEKEŠOVÁ, Slávka - MCCLAIN, Scott - HAJDUCH, Martin (2013) The MS E- proteomic analysis of gliadins and glutenins in wheat grain identifies and quantifies proteins associated with celiac disease and bakers asthma. Journal of Proteomics 93, 2013, 65-73.

IV.3 Najvýznamnejšie publikované vedecké práce verejne realizované alebo prezentované umelecké diela alebo výkony za posledných šesť rokov. Maximálne päť výstupov.

1.	KLUBICOVÁ, Katarína - UVÁČKOVÁ, Ľubica – DANCHENKO, Maksym - NEMEČEK, Peter – SKULTÉTY, Ľudovít – SALAJ, Ján - SALAJ Terézia (2017) Insights into the early stage of <i>Pinus nigra</i> Arn. somatic embryogenesis using discovery proteomics. <i>Journal of Proteomics</i> 169, 2017, 99-111
2.	VARHANIKOVA, Miroslava - UVACKOVA, Ľubica - SKULTÉTY, Ľudovít - PRETOVA, Anna - OBERT, Bohuš - HAJDUCH, Martin (2014) Comparative quantitative proteomic analysis of embryogenic and non-embryogenic calli in maize suggests the role of oxylipins in plant totipotency. <i>Journal of proteomics</i> 104, 2014, 57-65.
3.	UVACKOVA, Ľubica - ONDRUSKOVA, Emília - DANCHENKO, Maksym - SKULTÉTY, Ľudovít - MIERNYK, Jan - HRUBIK, Pavel - HAJDUCH, Martin (2014) Establishing a leaf proteome reference map for <i>Ginkgo biloba</i> provides insight into potential ethnobotanical uses. <i>J. Agric. Food Chem.</i> 62 (47), 2014, 11547–11556.
4.	FEKECSOVA, Soňa – DANCHENKO, Maksym – UVACKOVA, Ľubica – SKULTÉTY, Ľudovít – HAJDUCH, Martin (2015) Using 7 cm immobilized pH gradient strips to determine levels of clinically relevant proteins in wheat grain extracts. <i>Frontiers in plant science</i> 6, 2015, 433.
IV.5 Výstupy v oblasti poznania príslušného študijného odboru s najvýznamnejšími ohlasmi a prehľad ohlasov na tieto výstupy. Maximálne päť výstupov a desať najvýznamnejších ohlasov na jeden výstup.	
1.	<p>KLUBICOVÁ, Katarína - UVÁČKOVÁ, Ľubica – DANCHENKO, Maksym - NEMEČEK, Peter – SKULTÉTY, Ľudovít – SALAJ, Ján - SALAJ Terézia (2017) Insights into the early stage of <i>Pinus nigra</i> Arn. somatic embryogenesis using discovery proteomics. <i>Journal of Proteomics</i> 169, 99-111</p> <p><i>Title: Dynamic TMT-Based Quantitative Proteomics Analysis of Critical Initiation Process of Totipotency during Cotton Somatic Embryogenesis Transdifferentiation</i> <i>Author(s): Guo, HX; Guo, HH; Zhang, L; Fan, YJ; Fan, YP; Tang, ZM; Zeng, FC.</i> <i>Source: INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES Volume: 20 Issue: 7</i> <i>Article Number: 1691</i> <i>Published: APR 4 2019 (zdroj: Web of Science)</i></p> <p><i>Title: Nitrogen utilization during germination of somatic embryos of Norway spruce: revealing the importance of supplied glutamine for nitrogen metabolism</i> <i>Author(s): Carlsson, J.; Egertsdotter, U.; Ganeteg, U.; et al.</i> <i>Source: TREES-STRUCTURE AND FUNCTION Volume: 33 Issue: 2 Pages: 383-394</i> <i>Published: APR 2019 (zdroj: Web of Science)</i></p> <p><i>Title: Cytological, Biochemical and Molecular Events of the Embryogenic State in Douglas-fir (<i>Pseudotsuga menziesii</i> [Mirb.]</i> <i>Author(s): Gautier, F.; Label, P.; Eliasova, K.; et al.</i> <i>Source FRONTIERS IN PLANT SCIENCE Volume: 10 Article Number: 118</i> <i>Published: FEB 28 2019 (zdroj: Web of Science)</i></p> <p><i>Title: New Approaches to Optimize Somatic Embryogenesis in Maritime Pine</i> <i>Author(s): Arrillaga, Isabel; Morcillo, Marian; Zanon, Israel; et al.</i> <i>Source: FRONTIERS IN PLANT SCIENCE Volume: 10 Article Number: 138</i> <i>Published: FEB 19 2019 (zdroj: Web of Science)</i></p> <p><i>Title: Molecular Dissection of the Regenerative Capacity of Forest Tree Species: Special Focus on Conifers</i> <i>Author(s): Diaz-Sala, C.</i> <i>Source: FRONTIERS IN PLANT SCIENCE Volume: 9 Article Number: 1943</i> <i>Published: JAN 9 2019 (zdroj: Web of Science)</i></p> <p><i>Title: Morpho-histological development of the somatic embryos of <i>Typha domingensis</i></i></p>

	<p>Author(s): Hernandez-Piedra, G.; Ruiz-Carrera, V.; Sanchez, A. J.; et al. Source: PEERJ Volume: 6 Article Number: e5952 Published: NOV 23 2018 (zdroj: Web of Science)</p> <p>Title: Advanced Proteomic Approaches to Elucidate Somatic Embryogenesis Author(s): Aguilar-Hernandez, V.; Loyola-Vargas, V. M. Source: FRONTIERS IN PLANT SCIENCE Volume: 9 Article Number: 1658 Published: NOV 20 2018 (zdroj: Web of Science)</p> <p>Title: The rolB plant oncogene affects multiple signaling protein modules related to hormone signaling and plant defense Author(s): Bulgakov, V. P.; Vereshchagina, Y. V.; Bulgakov, D. V.; et al. Source: SCIENTIFIC REPORTS Volume: 8 Article Number: 2285 Published: FEB 2 2018 (zdroj: Web of Science)</p>
2.	<p>VARHANIKOVA, Miroslava - UVACKOVA, Eubica - SKULTETY, Eudovít - PRETOVA, Anna - OBERT, Bohuš - HAJDUCH, Martin (2014) Comparative quantitative proteomic analysis of embryogenic and non-embryogenic calli in maize suggests the role of oxylipins in plant totipotency. Journal of proteomics 104, 2014, 57-65.</p> <p>Title: Somatic embryogenesis in coffee: the evolution of biotechnology and the integration of omics technologies offer great opportunities. Author(s): Campos, N. A., Panis, B., & Carpentier, S. C. . Source: FRONTIERS IN PLANT SCIENCE, Volume: 8 Issue: Pages: 1460 Published: 2017 (zdroj: Web of Knowledge)</p> <p>Title: Quantitative proteomic analysis of Araucaria angustifolia (Bertol.) Kuntze cell lines with contrasting embryogenic potential. Author(s): dos Santos, A. L. W., Elbl, P., Navarro, B. V., de Oliveira, L. F., Salvato, F., Balbuena, T. S., & Floh, E. I. S. Source: JOURNAL OF PROTEOMICS, Volume: 130 Issue: Pages: 180-189. Published: 2016 (zdroj: Web of Knowledge)</p> <p>Title: The current status of proteomic studies in somatic embryogenesis. In Somatic Embryogenesis: Fundamental Aspects and Applications . Author(s): Rosas, M. M., Quiroz-Figueroa, F., Shannon, L. M., & Ruiz-May, E. Source: SPRINGER, CHAM. Volume: Issue: Pages: 103-119 Published: 2016 (zdroj: Web of Knowledge)</p> <p>Title: Metabolomic and Proteomic Analysis of Maize Embryonic Callus induced from immature embryo. Author(s): Ge, F., Hu, H., Huang, X., Zhang, Y., Wang, Y., Li, Z., ... & Pan, G. Source: SCIENTIFIC REPORTS Volume:7 Issue:1 Pages: 1-16. Published: 2017 (zdroj: Web of Knowledge)</p> <p>Title: Cytological, biochemical and molecular events of the embryogenic state in Douglas-fir (Pseudotsuga menziesii [Mirb.]). Author(s): Gautier, F., Label, P., Eliášová, K., Leplé, J. C., Motyka, V., Boizot, N., ... & Lesage-Descauses, M. C. Source: FRONTIERS IN PLANT SCIENCE Volume: 10 Issue: Pages: 118 Published: 2019 (zdroj: Web of Knowledge)</p> <p>Title: Somatic embryogenesis from stamen filaments of Aesculus flava Sol. and peroxidase activity during the transition from friable to embryogenic callus. Author(s): Zdravković-Korać, S., Tubić, L., Devrnja, N., Čalić, D., Milojević, J., Milić, M., & Savić, J. Source: SCIENTIA HORTICULTURAE Volume: 247 Issue: Pages: 362-372 Published: 2019 (zdroj: Web of Knowledge)</p> <p>Title: Development-Related miRNA Expression and Target Regulation during Staggered In Vitro Plant Regeneration of Tuxpeño VS-535 Maize Cultivar. Author(s): López-Ruiz, B. A., Juárez-González, V. T., Sandoval-Zapotitla, E., & Dinkova, T. D. Source: INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES Volume: 20 Issue: 9 Pages:2079</p>

	<p><i>Published: 2019 (zdroj: Web of Knowledge)</i></p> <p><i>Title: Global scale transcriptome analysis reveals differentially expressed genes involve in early somatic embryogenesis in <i>Dimocarpus longan</i> Lour.</i> <i>Author(s): Chen, Y., Xu, X., Liu, Z., Zhang, Z., XuHan, X., Lin, Y., & Lai, Z.</i> <i>Source: BMC GENOMICS Volume:21 Issue:1 Pages: 1-22</i> <i>Published: 2020 (zdroj: Web of Knowledge)</i></p> <p><i>Title: Advanced Proteomic Approaches to Elucidate Somatic Embryogenesis</i> <i>Author(s): Aguilar-Hernandez, V, Loyola-Vargas, VM</i> <i>Source: FRONTIERS IN PLANT SCIENCE Volume: 9 Article Number: 1658 Pages:1-17</i> <i>Published: 2018 (zdroj: Web of Knowledge)</i></p> <p><i>Title: Proteomics in commercial crops: An overview</i> <i>Author(s): Tan, BC, Lim, YS, Lau, SE</i> <i>Source: JOURNAL OF PROTEOMICS Volume: 169 Pages: 176-188</i> <i>Published: 2017 (zdroj: Web of Knowledge)</i></p>
3.	<p>UVÁČKOVÁ, Eubica - TAKÁČ, Tomáš - BOEHM, Nils - OBERT, Bohuš - ŠAMAJ, Jozef. (2012) Proteomic and biochemical analysis of maize anthers after cold pretreatment and induction of androgenesis reveals an important role of anti-oxidative enzymes. In Journal of Proteomics, 2012, vol.75, no.6, p. 1886-1894.</p> <p><i>Title: Microspore embryogenesis: targeting the determinant factors of stress-induced cell reprogramming for crop improvement</i> <i>Author(s): Testillano, P.S.</i> <i>Source: JOURNAL OF EXPERIMENTAL BOTANY Volume: 70: Pages: 2965-2978</i> <i>Published: 2019 (zdroj: Web of Knowledge)</i></p> <p><i>Title: Application of a Sensitive and Reproducible Label-Free Proteomic Approach to Explore the Proteome of Individual Meiotic-Phase Barley Anthers</i> <i>Author(s): Lewandowska, D; Zhang, R; Colas, I. et al.</i> <i>Source: FRONTIERS IN PLANT SCIENCE Volume:10 Article Number: 393 Pages: 1-15</i> <i>Published: 2019 (zdroj: Web of Knowledge)</i></p> <p><i>Title: Glutathione provides antioxidative defence and promotes microspore-derived embryo development in isolated microspore cultures of triticale (<i>xTriticosecale</i> Wittm.)</i> <i>Author(s): Zur, I.; Dubas, E; Krzewska, M. et al.</i> <i>Source: PLANT CELL REPORTS Volume:39 Issue:2 Pages: 195-209</i> <i>Published: 2019 (zdroj: Web of Knowledge)</i></p> <p><i>Title: Response mechanisms induced by exposure to high temperature in anthers from thermo-tolerant and thermo-sensitive tomato plants: A proteomic perspective</i> <i>Author(s): Mazzeo, M F; Cacace, G; Iovieno, P; et al.</i> <i>Source: PLOS ONE Volume: 13 Issue: 7 Pages: 1-</i> <i>Published: 2018 (zdroj: Web of Knowledge)</i></p> <p><i>Title: The role of receptor-like kinases in regulating plant male reproduction</i> <i>Author(s): Cai, W; Zhang, D.</i> <i>Source: PLANT REPRODUCTION Volume: 31 Issue: 1 Pages: 77-87</i> <i>Published:2018 (zdroj: Web of Knowledge)</i></p> <p><i>Title: Proteomes and Phosphoproteomes of Anther and Pollen: Availability and Progress</i> <i>Author(s): Zhang, Z; Hu, M; Feng, X et al.</i> <i>Source: PROTEOMICS Volume: 17 Issue: 20 Pages: 1-12</i> <i>Published: 2017 (zdroj: Web of Knowledge)</i></p> <p><i>Title: Plant responses to ambient temperature fluctuations and water-limiting conditions: A proteome-wide perspective</i> <i>Author(s): Johnova, P; Skalak, J; Saiz-Fernandez, I; et al.</i> <i>Source: BIOCHIMICA ET BIOPHYSICA ACTA-PROTEINS AND PROTEOMICS</i></p>

	<p>Volume: 1864 Issue: 8 Pages: 916-931: Published: 2016 (zdroj: Web of Knowledge)</p> <p>Title: <i>Molecular cloning and characterization of an S-adenosylmethionine synthetase gene from <i>Chorispora bungeana</i></i> Author(s): Ding, C; Chen, T; Yang, Y; et al. Source: <i>GENE</i> Volume: 572 Issue: 2 Pages: 205-213 Published: 2015 (zdroj: Web of Knowledge)</p> <p>Title: <i>Effect of n-butanol and cold pretreatment on the cytoskeleton and the ultrastructure of maize microspores when cultured in vitro</i> Author(s): Fabian, A.; Fueredi, P. K. F; Ambrus, H.; et al. Source: <i>PLANT CELL TISSUE AND ORGAN CULTURE</i> Volume: 123 Issue: 2 Pages: 257-271 Published: 2015 (zdroj: Web of Knowledge)</p> <p>Title: <i>Proteomics of Important Food Crops in the Asia Oceania Region: Current Status and Future Perspectives</i> Author(s): Chakraborty, S; Salekdeh, G. H.; Yang, P et al. Source: <i>JOURNAL OF PROTEOME RESEARCH</i> Volume: 14 Issue: 7 Pages: 2723-2744: Published: 2015 (zdroj: Web of Knowledge)</p>
4.	<p>UVÁČKOVÁ, Eubica - ŠKULTĚTY, Ľudovít - BEKEŠOVÁ, Slávka - MCCLAIN, Scott - HAJDUCH, Martin (2013) MSE based multiplex protein analysis quantified important allergenic proteins and detected relevant peptides carrying known epitopes in wheat grain extracts. In Journal of Proteome Research, 2013,12, 4862-4869.</p> <p>Title: <i>Genomic and functional genomics analyses of gluten proteins and prospect for simultaneous improvement of end-use and health-related traits in wheat</i> Author(s): Wang, D; Li, F; Cao, S; et al. Source: <i>THEORETICAL AND APPLIED GENETICS</i> https://doi.org/10.1007/s00122-020-03557-5 Published:2020 (zdroj: Web of Knowledge)</p> <p>Title: <i>Nanoscale separations based on LC and CE for food analysis: A review</i> Author(s): Aydogan, C. Source: <i>TRAC-TRENDS IN ANALYTICAL CHEMISTRY</i> Volume: 121 Article Number: 115693 Published: 2019 (zdroj: Web of Knowledge)</p> <p>Title: <i>Modern Approaches in the Identification and Quantification of Immunogenic Peptides in Cereals by LC-MS/MS</i> Author(s): Alves, T. O.; D'Almeida, C. T. S.; Scherf, K. A.; et al. Source: <i>FRONTIERS IN PLANT SCIENCE</i> Volume: 10 Article Number: 1470 Published: 2019 (zdroj: Web of Knowledge)</p> <p>Title: <i>A Comprehensive Peptidomic Approach to Characterize the Protein Profile of Selected Durum Wheat Genotypes: Implication for Coeliac Disease and Wheat Allergy</i> Author(s): Pilolli, R; Gadaleta, A; Di Stasio, L. et al. Source: <i>NUTRIENTS</i> Volume: 11 Issue: 10 Article Number: 2321 Published:2019 (zdroj: Web of Knowledge)</p> <p>Title: <i>German Government Official Methods Board Points the Way Forward: Launch of a New Working Group for Mass Spectrometry for Protein Analysis to Detect Food Fraud and Food Allergens</i> Author(s): Stoyke, M; Becker, R; Brockmeyer, J; et al. Source: <i>JOURNAL OF AOAC INTERNATIONAL</i> Volume: 102 Issue: 5 Pages: 1280-1285 Published: 2019 (zdroj: Web of Knowledge)</p> <p>Title: <i>Simultaneous Detection of 13 Allergens in Thermally Processed Food Using Targeted LC-MS/MS Approach</i> Author(s): Ogura, T.; Clifford, R., Oppermann, U. Source: <i>JOURNAL OF AOAC INTERNATIONAL</i> Volume: 102 Issue: 5 Pages: 1316-1329</p>

Published: 2019 (zdroj: Web of Knowledge)

Title: *Phosphorylation and Enzymatic Hydrolysis with Alcalase and Papain Effectively Reduce Allergic Reactions to Gliadins in Normal Mice*

Author(s): Xue, L.; Li, Y.; Li, T. et al.

Source: *JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY*

Volume: 67 Issue: 22 Pages: 6313-6323

Published: 2019 (zdroj: Web of Knowledge)

Title: *A sensitive HPLC-MS/MS screening method for the simultaneous detection of barley, maize, oats, rice, rye and wheat proteins in meat products*

Author(s): Jira, W.; Muench, S.

Source: *FOOD CHEMISTRY* Volume: 275 Pages: 214-223

Published: 2019 (zdroj: Web of Knowledge)

Title: *Immunogenic and allergenic profile of wheat flours from different technological qualities revealed by ion mobility mass spectrometry*

Author(s): Alves, T. O.; D'Almeida, C T. S.; Victorio, V. C.M.; et al.

Source: *JOURNAL OF FOOD COMPOSITION AND ANALYSIS* Volume: 73 Pages: 67-75

Published: 2018 (zdroj: Web of Knowledge)

Title: *Quantitative Proteomic Profiling of Peanut Allergens in Food Ingredients Used for Oral Food Challenges*

Author(s): Johnson, P.E.; Sayers, R.L.; Gethings, A.; et al.

Source: *ANALYTICAL CHEMISTRY* Volume: 88 Issue: 11 Pages: 5689-5695

Published: 2016 (zdroj: Web of Knowledge)

UVÁČKOVÁ, Eubica - ŠKULTÉTY, Ľudovít - BEKEŠOVÁ, Slávka - MCCLAIN, Scott - HAJDUCH, Martin (2013) The MS E-proteomic analysis of gliadins and glutenins in wheat grain identifies and quantifies proteins associated with celiac disease and bakers asthma. Journal of Proteomics 93, 2013, 65-73.

Title: *Understanding the Effects of Genotype, Growing Year, and Breeding on Tunisian Durum Wheat Allergenicity. 2. The Celiac Disease Case*

Author(s): Boukid, F.; Prandi, B. Sforza, S. et al.

Source: *JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY*

Volume: 65 Issue: 28 Pages: 5837-5846

Published: 2017 (zdroj: Web of Knowledge)

Title: *Defining the wheat gluten peptide fingerprint via a discovery and targeted proteomics approach*

Author(s): Martinez-Esteso, M. J.; Norgaard, J.; Brohee, M.; et al.

Source: *JOURNAL OF PROTEOMICS* Volume: 147 Special Issue: SI Pages: 156-168

5. Published: 2016 (zdroj: Web of Knowledge)

Title: *Immunogenic and allergenic profile of wheat flours from different technological qualities revealed by ion mobility mass spectrometry*

Author(s): Alves, T. O.; D'Almeida, C T. S.; Victorio, V. C.M.; et al.

Source: *JOURNAL OF FOOD COMPOSITION AND ANALYSIS* Volume: 73 Pages: 67-75

Published: 2018 (zdroj: Web of Knowledge)

Title: *Multiplex liquid chromatography-tandem mass spectrometry for the detection of wheat, oat, barley and rye prolamins towards the assessment of gluten-free product safety*

Author(s): Manfredi, A.; Mattarozzi, M.; Giannetto, M. et al.

Source: *ANALYTICA CHIMICA ACTA* Volume: 895 Pages: 62-70

Published: 2015 (zdroj: Web of Knowledge)

Title: *A sarabande of tropical fruit proteomics: Avocado, banana, and mango*

Author(s): Righetti, P. G.; Esteve, C.; D'Amato, A. et al.

Source: *PROTEOMICS* Volume: 15 Issue: 10 Special Issue: SI Pages: 1639-1645

Published: 2015 (zdroj: Web of Knowledge)

<p><i>Title: Advances in plant proteomics toward improvement of crop productivity and stress resistance</i> <i>Author(s): Hu, J.; Rampitsch, C.; Bykova, N.V.</i> <i>Source: FRONTIERS IN PLANT SCIENCE Volume: 6 Article Number: 209</i> <i>Published: 2015 (zdroj: Web of Knowledge)</i></p> <p><i>Title: Other Dietary Confounders: FODMAPS et al.</i> <i>Author(s): Gibson, P. R.; Muir, J.G.; Newnham, E. D.</i> <i>Source: DIGESTIVE DISEASES Volume: 33 Issue: 2 Pages: 269-276</i> <i>Published: 2015 (zdroj: Web of Knowledge)</i></p> <p><i>Title: Characterization of Grain-Specific Peptide Markers for the Detection of Gluten by Mass Spectrometry</i> <i>Author(s): Fiedler, K.L.; McGrath, S.C.; Callahan, J.H.; et al.</i> <i>Source: JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY</i> <i>Volume: 62 Issue: 25 Special Issue: SI Pages: 5835-5844</i> <i>Published: 2014 (zdroj: Web of Knowledge)</i></p> <p><i>Title: Salt-induced subcellular kinase relocation and seedling susceptibility caused by overexpression of Medicago SIMKK in Arabidopsis</i> <i>Author(s): Ovecka, M.; Takac, T.; Komis, G. et al.</i> <i>Source: JOURNAL OF EXPERIMENTAL BOTANY Volume: 65 Issue: 9 Pages: 2335-2350</i> <i>Published: 2014 (zdroj: Web of Knowledge)</i></p> <p><i>Title: The "Dark Side" of Food Stuff Proteomics: The CPLL-Marshals Investigate</i> <i>Author(s): Righetti, P.G.; Fasoli, E.; D'Amato, A. et al.</i> <i>Source: FOODS Volume: 3 Issue: 2 Pages: 217-237</i> <i>Published: 2014 (zdroj: Web of Knowledge)</i></p>	
IV.6 Funkcie a členstvo vo vedeckých, odborných a profesijných spoločnostiach	
Členka EBSO - European Plant Science Organisation	
V. Doplnujúce informácie	
V.1 Charakteristika aktivít súvisiacich s príslušným študijným programom Skúsenosti s technikami molekulárnej biológie, proteomiky, <i>in vitro</i> techník a biotechnológií; relevantné publikácie v danom odbore; účasť na projektoch v odbore (projekty VEGA, COST, Syngenta, atď.)	
V.2 Ďalšie aktivity	
BCI Učebné texty	
<ol style="list-style-type: none"> 1. Uváčková Ľubica: Haploidy. 1. Vydanie, Trnava: Univerzita sv.Cyrila a Metoda v Trnave, 2019.- 80s. [3,9AH][CD-ROM].- ISBN 978-80-8105-993-3 2. Rajnák C, Uváčková L, Zárubová H, Boča R: STRUČNÁ TROJAZYČNÁ PRÍRUČKA PRE ŠTUDENTOV PRÍRODNÝCH VIED. 1. Vydanie, Trnava: Univerzita sv.Cyrila a Metodav Trnave, 2020 – 94 s. – ISBN 978-80-572-0043-7 – in press 	
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