

CURRICULUM VITAE

NAME:	Biljana	
SURNAME:	Petanovska-Ilievska	
DATE OF BIRTH:	25 10 1957	
NATIONALITY:	Macedonian	
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EDUCATION:

Dipl. Ing. Chem. Applied Chemistry (Skopje, MK)

MSc Analytical Chemistry (Skopje, MK)

Petanovska-Ilievska Biljana. 1993. Identification and quantitative determination of some more important chemical components in cauliflower, produced in different regions in Macedonia. Msci thesis. Faculty of natural sciences and mathematics – Skopje, Ss. Cyril and Methodius University, Republic of Macedonia, Skopje, 90.

PhD Analytical Chemistry (Skopje, MK)

Petanovska-Ilievska Biljana. 2001. HPLC methods development for quantitative determination of active components pirimikarb and dazomet in pesticide formulations, PhD thesis. Faculty of natural sciences and mathematics – Skopje, Ss. Cyril and Methodius University, Republic of Macedonia, Skopje, 153.

PROFESSIONAL EXPERIENCE:

2005-Now	Associated Professor, (common - inorganic and organic chemistry, analytical chemistry and food physical and chemical safety) Faculty of Agricultural Sciences and Food, Skopje
2002- 2005	Assistant Professor, (common - inorganic and organic chemistry and analytical chemistry) Faculty of Agricultural Sciences and Food, Skopje
1987-2002	Assistant of chemistry, Faculty of Agriculture, Skopje

PROFESSIONAL TRAINING

2010	Training Course High resolution mass spectrometry in quantitative analysis and screening of organic contaminants in food and environment, FP7 project „CEFSEER“ Novi Sad, Serbia na Faculty of Technology.
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- 2009 SWOT Analysis of the Research Potential of the Institute of Chemistry and Food Science Research Potential in Macedonia, Skopje, R. Macedonia.
- 2009 Quality and Regulatory Infrastructure Development for Food Safety & Quality in Macedonia, Skopje, Macedonia.
- 2009 Regional Training Course on Standardizing Methods for Antioxidants Analysis in Solanaceous Food Crops, FAO/IAEA Budapest, Hungary.
- 2008 EU-Balkan-FABNET, Workshop for partners and multipliers, Faculty of Agricultural Sciences and Food, Skopje, R. Macedonia.
- 2006 *ISO 22000:2005 Food Safety Auditor/Lead Auditor Training Course* IRCA accredited course registration no: A17189, Skopje, Republic of Macedonia.
- 2006 *Train the Public Trainer according EUREPGap Regulations for Fruit and Vegetables FoodPlus EUREPGap Regulations for Fruit and Vegetables*, Skopje, Republic of Macedonia.
- 2005 *Advanced International Training Programme on World Trade and Conformity Assessment, Quality Infrastructure and Development (Sida/SWEDAC)*, Stockholm, Sweden.
- 2004 HACCP plan elaboration. APPRM, GTZ, Skopje, Republic of Macedonia.
- 2003 *Screening and Confirmatory Metodologies for Veterinary Drug Residues Introductory Trening Course* FAO/IAEA Agriculture and Biotehnology Laboratory, Seibersdorf, Austria.
- 1996 *Radiotracer, chromatographic and Imunochemical Tehniques for the Analysis of Pesticides in Food Samples*, FAO/IAEA, Sajbersdorf, Austria
- 1992 *Chromatographic techniques training course* Nuclear Science Institute “Boris Kidrič”, Beograd, Serbia.
- 1991 *HPLC training course* Perkin Elmer, Vaterstetten, Germany.

PARTICIPATION IN RESEARCH PROJECT

2009-2011	RER5013 Evaluation of Natural and Mutant Resources for increased phytonutrient Levels in Vegetable Crops and Potatoes, participant.
2009 – 2011	Improvement and Establishment of Biotechnology in Higher Education, Tempus IV, ETF-JP-00295-2008, (coordinator).
2009-2011	Quality and Regulatory Infrastructure Development for Food Safety & Quality in Macedonia, funded by Sida and implemented by Consortium consisting of SWEDAC and the National Food Administration.
2009 - 2010	FP7 project - REGPOT-2008 „SWOT - CHEMISTRY - FOOD“, participant.
2003-2005	“HPLC methods development for quantitative determination of dazomet in pesticide formulation Basamid granulat”, financed by Ministry of Science and Education of Republic of Macedonia, leader of the project.
2005	„Quality infrastructure development of testing laboratory in Faculty of agricultural sciences and food“ SIDA/SWEDAC, leader of the project
2005	Food quality & safety glossary of terms, World Bank-IFC

PARTICIPATION ON SYMPOSIUMS, CONSULTATIONS, CONFERENCES AND CONGRESSES:

International Symposium

3-5 November 2011	Under the auspices of Cost Action FA0904: “Eco-sustainable Food Packaging based on Polymer Nanomaterials” Short Training School-DEEPENING THE KNOWLEDGE IN THE FIELD OF POLYMER NANOMATERIALS FOR FOOD PACKAGING AND OTHER POTENTIAL USES: THEORY AND PRACTICE, Migrants from food contact materials-Chemical migration, Lecturer , Skopje, R. Macedonia
June 26 –30, 2005	Biljana Petanovska-Ilievska and Lila Vodeb Optimization of the reverse phase HPLC method for determination of dazomet in basamid granulat,

presented as a poster in the 29th International Symposium on High Performance Liquid Phase Separations and Related Techniques in Stockholm, Sweden,

- 23-26 November, 2010 **B. Petanovska-Ilievska, L. Velkoska-Markovska, L. Vodeb,** Quantitative determination of active ingredients in pesticide formulation Inter of with high efficacy liquid chromatography, The XXXVth Traditional Plant Protection Meeting of the Republic of Macedonia, Ohrid, Macedonia.
- 15-18 December, 2008 L. Velkoska-Markovska, **B. Petanovska-Ilievska, L. Vodeb,** HPLC method development for simultaneous determination of phenmedipham, desmedipham and ethofumesate in the pesticide Inter of using Lichrosorb CN column, The XXXIIIth Traditional Plant Protection Meeting of the Republic of Macedonia, Ohrid, Macedonia.
- 15-18 December, 2008 **B. Petanovska-Ilievska, L. Vodeb, L. Velkoska-Markovska,** Quantitative determination of the active ingredient pirimicarb in the pesticide Pirimor 25 WG using HPLC, The XXXIIIth Traditional Plant Protection Meeting of the Republic of Macedonia, Ohrid, Macedonia.
- 15-18 December, 2008 **B. Petanovska-Ilievska, L. Vodeb, L. Velkoska-Markovska,** Quantitative determination of the active ingredients chlorpyrifos and cypermethrin in the pesticide formulation Pirel-D using HPLC, The XXXIIIth Traditional Plant Protection Meeting of the Republic of Macedonia, Ohrid, Macedonia.
- 7-10 December, 2004 **B. Petanovska-Ilievska, L. Vodeb, L. Velkoska-Markovska,** Determination of α -cyfluthrin in pesticide formulation Responsar SC 025 with reversed-phase liquid chromatography, The 29th Meeting for Plant Protection, Ohrid, Macedonia.
- 11-13 November, 2003 **B. Petanovska-Ilievska, L. Vodeb, L. Velkoska-Markovska,** HPLC method development for quantitative determination of active ingredient pirimicarb in pesticide formulation Pirimor 25 WG, The 28th Meeting for Plant Protection, Ohrid, Macedonia.

Books

1. Kakurinov V., Srbinovska Sonja, **Ilievska Petanovska Biljana**, Kolevska Lence, Kocarev P., Depinovska Aleksandra, Sekulovski P., Kostadinova Katerina (2006). „*Food Quality and Safety Glossary of Terms*“. Macedonian - English, English - Macedonian glossary of terms and definitions for food quality and safety, World Bank group - IFC and Agency for Promotion of Entrepreneurship of Republic of Macedonia, Skopje, Republic of Macedonia.
Book is translated at: Serbian, Bosnjak and Albanian language for: Serbia, Bosnia and Herzegovina, Kosovo and Albania.

Manuals/Guides

1. Kakurinov V., **Ilievska Petanovska Biljana** (2007). „*Manual and guide for implementation, maintenance, upgrading, inspection and HACCP certification*“. Swedish International Development Agency, Macedonian Agricultural Advisory Support Programme, Skopje, Republic of Macedonia.
Manual/guide is translated on Serbian, Bosnjak and Albanian language for: Serbia, Bosnia and Herzegovina, Kosovo and Albania.

Brochures

1. Kakurinov V., **Ilievska Petanovska Biljana** (2007). „*HACCP, food safety system in processing industry*“. Swedish International Development Agency, Macedonian Agricultural Advisory Support Programme, Skopje, Republic of Macedonia.
Brochure is translated on Albanian language for Kosovo and Albania.
2. Kakurinov V., **Ilievska Petanovska Biljana** (2007). „*HACCP, sistem për sigurimi të ushqimit në Industrinë Përpunuese*“. Swedish International Development Agency, Macedonian Agricultural Advisory Support Programme, Skopje, Republic of Macedonia.

SCIENTIFIC PAPERS

1. **B. Petanovska-Ilievska**, L. Vodeb, L. Velkoska-Markovska (2009). Quantitative determination of the active ingredients chlorpyrifos and cypermethrin in the pesticide formulation Pirel-D using HPLC, *Plant protection* Skopje, (XX), 142-146 (2009).
2. **B. Petanovska-Ilievska**, L. Vodeb, L. Velkoska-Markovska (2009). Quantitative determination of the active ingredient pirimicarb in the pesticide Pirimor 25 WG using HPLC, *Plant protection*, Skopje, (XX), 147-151 (2009).
3. L. Velkoska-Markovska, **B. Petanovska-Ilievska**, L. Vodeb (2009). HPLC method development for simultaneous determination of phenmedipham, desmedipham and ethofumesate in the pesticide Inter of using Lichrosorb CN column, *Plant protection*, Skopje, (XX), 137-141 (2009).

4. A. Markovski, L. Velkoska-Markovska, **B. Petanovska-Ilievska**, L. Vodeb, Chemical contents on jujube (*Zizyphus jujuba* Mill.) varieties and forms, Anniversary Yearbook of the Institute of Agriculture, Skopje, (26/27), 223-230 (2008/2009).
5. Velkoska-Markovska Lence, **Petanovska-Ilievska Biljana** Vodeb Lila. 2008. Simultaneous Determination of Phenmedipham, Desmedipham, and Ethofumesate in Pesticide Formulation By Normal-Phase High-Performance Liquid Chromatography. *Acta Chromatographica*. 20(1), 87-96.
6. Vodeb Lila, **Petanovska-Ilievska Biljana**. 2006. HPLC/DAD determination of α -cyfluthrin in EC and SC pesticide formulation with different type of columns. *Acta Chromatographica*. 17, 188-201.
7. Vodeb Lila and **Petanovska-Ilievska Biljana**. 2006. High-speed determination of α -cyfluthrin in EC and SC pesticide formulations by RP and NP liquid chromatography, *J. Liq. Chrom & Rel. Technol* 29, 649-660.
8. **Petanovska-Ilievska Biljana**, Vodeb Lila, Velkoska-Markovska Lence. 2004. Determination of beta-ciflutrin in pesticide formulation Responsar SC 025 with reverse phase liquid chromatography. *Yearbook for Plant Protection*, Skopje, 15, 233-243
9. **Petanovska - Ilievska Biljana**, Vodeb Lila, Velkoska-Markovska Lence. 2003. HPLC method developmentn for quantitative determination of active component pirimikarb in pesticide formulation Pirimor 25 WG. *Yearbook for Plant Protection*, Skopje, 14, 187-199.
10. **Petanovska-Ilievska Biljana**, Lila Vodeb. 2002. Determination of dazomet in Basamid Granulat Using Reverse Phase HPLC. *Croat. Chem. Acta*, 75 (2002) 225 - 234.
11. **Petanovska-Ilievska Biljana**. 2001. Determination of dazomet in basamid granulat by normal phase high performance liquid chromatography. *J. Liq. Chrom. & Rel. Technol.*, 24, 2209-2216.
12. **Petanovska-Ilievska Biljana**. 2001. HPLC methods development for quantitative determination of active components pirimikarb and dazomet in pesticide formulations, PhD thesis. Faculty of natural sciences and mathematics – Skopje, Ss. Cyril and Methodius University, Republic of Macedonia, Skopje, 153.
13. Bauer-Petrovska Biljana, **Petanovska-Ilievska Biljana**. 2000. Amino acid analysis of some Macedonian edible wild mushrooms. *Acta Pharm.*, 50, 141-149.
14. **Petanovska-Ilievska Biljana**, Bauer Olga, Soptrajanova Lidija. 1995. Cellulose content and mineral matters in caulilower from Macedonia. *Yearbook of XXIII meeting „Faculty - enterprise“*, Skopje, II, 2, 57-67.
15. **Petanovska-Ilievska Biljana**, Bauer Olga, Soptrajanova Lidija, Andonovski Blagoja. 1994. Qualitative composition of free α -amino acids in cauliflower produced

in Macedonia. International Simposia "New technologies in vegetable production and floriculture", Ohrid, II, 425-432.

16. **Petanovska-Ilievska Biljana**, Bauer Olga, Soptrajanova Lidija. 1994. Vitamin-C and nitrogen matters in cauliflower. International Simposia "New technologies in vegetable production and floriculture", Ohrid, II, 417-423.

17. Bauer Olga, Cirkova-Georgievska Marija, Vesova Nevena, Andreevska (Vodeb) Lila, **Petanovska-Ilievska Biljana**, Demirovska Verica. 1993. Biochemical components in been growed in clasical conditions. Yearbook of Faculty of Agriculture, Skopje, XXXVIII, 89-92.

18. **Petanovska-Ilievska Biljana**. 1993. Identification and quantitative determination of some more important chemical components in cauliflower, produced in different regions in Macedonia. Msci thesis. Faculty of natural sciences and mathematics – Skopje, Ss. Cyril and Methodius University, Republic of Macedonia, Skopje, 90.

19. **Petanovska-Ilievska Biljana**, Bauer Olga, Vesova Nevena, Vodeb Lila, Demirovska Verica, Cirkova-Georgievska Marija. 1993. Additional data toward papuda chemical composition growed in calscial conditions. Yearbook of Faculty of Agriculture. Skopje. XXXVIII, 83-87.

20. **Petanovska-Ilievska Biljana**. 1993. Inluence on some factors on total sugar and acids content in cauliflower. Yearbook of Faculty of Agriculture, Skopje, XXXVIII, 77-81.

21. Bauer Olga, **Petanovska-Ilievska Biljana**, Andreevska (Vodeb) Lila, Bauer Biljana, Vesova Nevena. 1992. Dinamics of chemical components in parsley kept in different conditions. Yearbook of Faculty of Agriculture Skopje, XXXVI, 63-67.

22. Bauer Olga, Elenov Blagoj, **Petanovska-Ilievska Biljana**, Vesova Nevena. 1991. Influence of fungicide "Previcur N" on paprika chemical composition. Yearbook of Faculty of Agriculture. Skopje, XXXV, 63-69.

23. Bauer Olga, Bauer Biljana, **Petanovska-Ilievska Biljana**. 1988. Vitamin-C content in some spring vegetable products growed in Skopje region. Socialistic agriculture. Skopje, XL, 1-12, 57-61.