

**EUROPEAN
CURRICULUM VITAE
FORMAT**



PERSONAL INFORMATION

Surname(s) / First name(s)	Domijan Ana-Marija
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E-mail(s), Web address(s)	adomijan@pharma.hr www.pharma.unizg.hr
Nationality(-ies)	Croatian
Date of birth	28. 03. 1972.
Identification number from Records of Scientific Workers	222653

WORK EXPERIENCE

• Dates (from – to)	2013. – until now
Name and address of employer	Faculty of Pharmacy and Biochemistry, University of Zagreb, A. Kovačića 1, Zagreb
Type of business or sector	Academic/Government
Occupation or position held	Associated Professor
Main activities and responsibilities	Teaching activities (teaching, conducting seminars and practical work with students); research activities involving mechanism of toxicity of natural toxins, mainly oxidative stress
• Dates (from – to)	2008. – 2013.
Name and address of employer	Faculty of Pharmacy and Biochemistry, University of Zagreb, A. Kovačića 1, Zagreb
Type of business or sector	Academic/Government
Occupation or position held	Assistant Professor
Main activities and responsibilities	Teaching activities (conducting seminars and practical work with students); research activities involving mechanism of mycotoxins toxicity, mainly oxidative stress
• Dates (from – to)	1998. – 2008.
Name and address of employer	Institute for Medical Research and Occupational Health, Ksaverska c. 2, Zagreb
Type of business or sector	Scientific/Government
Occupation or position held	Assistant/junior researcher
Main activities and responsibilities	Research on scientific projects involving toxicity of mycotoxins, and their mechanism of toxicity

EDUCATION

Date	9. 12. 2005.
Place of education	Zagreb
Name and type of organisation providing education	Faculty of Pharmacy and Biochemistry, University of Zagreb
Title or qualification awarded	PhD.
Date	12. 12. 2001.
Place of education	Zagreb
Name and type of organisation providing education	Faculty of Science, University of Zagreb
Title or qualification awarded	M. sc.

Date	3. 10. 1997.
Place of education	Zagreb
Name and type of organisation providing education	Faculty of Pharmacy and Biochemistry, University of Zagreb
Title or qualification awarded	B sc.

TRAINING

Year	2014.
Place of training	Zagreb
Name and type of organisation providing training	Institute Rudjer Boskovic/Scientific
Principal subjects/Occupational skills covered	"InnoMol Bioimaging Workshop"; workshop on bioimaging.

Year	2009 – 2010.
Place of training	London
Name and type of organisation providing training	Institute of Neurology, University College London, London, UK/Academic
Principal subjects/Occupational skills covered	Using of fluorescent microscope, and "live imaging" techniques for determination of reactive oxygen species and calcium level in the cell, mitochondrial membrane depolarization

Year	2007.
Place of training	Copenhagen
Name and type of organisation providing training	Institute for Public Health, University of Copenhagen, Copenhagen, Denmark/Academic
Principal subjects/Occupational skills covered	Learning the method for determination of oxidative DNA damage

Year	2003.
Place of training	Zagreb
Name and type of organisation providing training	Institute Rudjer Boskovic/Scientific
Principal subjects/Occupational skills covered	Methodological course in biology and medicine "DNA and RNA"

Year	2002.
Place of training	Malta
Name and type of organisation providing training	International Union of Toxicology (IUTOX)
Principal subjects/Occupational skills covered	X. Risk Assessment Summer School

Year	2000.
Place of training	Vienna
Name and type of organisation providing training	International Atomic Energy Agency in Vienna (Austria)
Principal subjects/Occupational skills covered	Regional Training Workshop of Development of Quality Assurance for Mycotoxin analysis of Food and Feed for Eastern Europeans Countries

PERSONAL SKILLS AND COMPETENCIES

Mother tongue(s)	Croatian
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Other language(s)

Language	English
Speaking	Excellent
Writing	Excellent
Understanding (listening and reading)	Excellent
SOCIAL SKILLS AND COMPETENCIES	Active member of Croatian Society of Toxicology and European Society of Toxicology Active member of Croatian Society of Biochemistry and Molecular Biology.
ORGANISATIONAL SKILLS AND COMPETENCIES	As Associated Professor conducting teaching, seminars and practical work with students for course "Cell Biology and Human Genetics". Tutor of 22 Graduation Thesis for B. Sc. Degree, and one PhD Thesis. <u>Collaborator/researcher on several scientific projects funded by Ministry of Science, Education and Sport of Republic Croatia:</u> "Toxic effect of mycotoxins on humans and animals" (2007.- 2013.) "Effect of mycotoxins on humans and animals" (2002. –2006.) "Mycotoxins and their effects on humans and animals" (1998.-2001.) <u>Collaborator/researcher on the International project:</u> "Mycotoxins as cause of oesophageal cancer" bilateral project between Italy and Croatia (2000-2002) <u>Leader of the International project:</u> "Neurotoxicity of mycotoxin fumonisin B ₁ " (2009-2010) Founded by Croatian Science Foundation, PostDoc
TECHNICAL SKILLS AND COMPETENCIES	Familiar with spectrophotometric and HPLC methods. Familiar with use of fluorescent microscope and "live imaging" technique. Familiar with cell cultures preparations and preparation of primary culture (neural primary culture).
ARTISTIC SKILLS AND COMPETENCIES	
OTHER SKILLS AND COMPETENCIES	
DRIVING LICENCE(S)	Yes
ADDITIONAL INFORMATION	<u>Awards:</u> Awarded by Society of Academicals teachers and other scientists from Zagreb for young scientists and artists for the best paper published in the area of biomedicine and health in 2006. Awarded by Institute for Medical Research and Occupational Health for young scientist with the highest number of scientific papers published in journals that are covered in CC, SCI and/or SSCI in 2005 and in 2007. In 2006 awarded by Institute for Medical Research and Occupational Health for scientific paper published in Archives of Industrial Hygiene and Toxicology that is cited at least 7 times.
ANNEXES	

SIGNATURE

Ana-Marija Domijan

LIST OF PUBLICATIONS

Chapters in scientific book

1. **Domijan A-M**, Peraica M. Carcinogenic mycotoxins, In: Roberts R. Ed. *Comprehensive Toxicology*, Elsevier, 2010. pp 125-139.
2. **Domijan A-M**, Gajski G, Peraica M, Garaj-Vrhovac V. Evaluation of oxidative status and baseline DNA damage frequency in healthy female volunteers, In: Reyes AM and Contreras CD. Eds. *Handbook on Oxidative Stress: New Research*, Nova Science Publishers, 2012. pp 363-380.

Publications in scientific journals referred in *Current Contents*

1. Peraica M, **Domijan A-M**, Fuchs R, Lucić A, Radić B. The occurrence of ochratoxin A in blood in general population in Croatia. *Toxicol Lett* 1999; 110: 105-112.
2. Peraica M, **Domijan A-M**, Matašin M, Lucić A, Radić B, Delaš F, Horvat M, Bosanac I, Balija M, Grgičević D. Variations of ochratoxin A concentration in the blood of healthy population in some Croatian cities. *Arch Toxicol* 2001; 75: 410-414.
3. Stoev SD, Daskalov H, Radić B, **Domijan A-M**, Peraica M. Spontaneous mycotoxic nephropathy in Bulgarian chickens with unclarified mycotoxin aetiology. *Vet Res* 2002; 33: 83-93.
4. Škare D, Radić B, Lucić A, Peraica M, **Domijan A-M**, Milković-Kraus S, Bradamante V, Jukić I. Adamantyl tenocyclidines – adjuvant therapy in poisoning with organophosphorous compounds and carbamates. *Arch Toxicol* 2002; 76: 173-177.
5. Lucić A, Bradamante V, Peraica M, Radić B, **Domijan A-M**, Fuchs R. Changes in plasma lipids after non-lethal dose of cycloheximide in the rats. *Hum Exp Toxicol* 2003; 22: 245-248.
6. **Domijan A-M, Peraica M, Miletić-Medved M, Lucić A, Fuchs R. Two different clean-up procedures for liquid chromatographic determination of ochratoxin A in urine. J Chromatography B** 2003; 798: 317-21.
7. Stoev SD, Stefanov M, Denev S, Radić B, **Domijan A-M**, Peraica M. Experimental mycotoxicosis in chickens induced by ochratoxin A and penicillic acid and intervention with natural plant extracts. *Vet Resear Commun* 2004; 28:727-746.
8. **Domijan A-M, Peraica M, Žlender V, Cvjetković B, Jurjević Ž, Topolovec-Pintarić S, Ivić D. Seed-borne fungi and ochratoxin A contamination of dry beans (*Phaseolus vulgaris* L.) in the Republic of Croatia. Food Chem Toxicol** 2005; 43: 427-432.
9. **Domijan A-M**, Perica M, Jurjević Ž, Ivić D, Cvjetković B. Fumonisin B₁, fumonisin B₂, zearalenone and ochratoxin A contamination of maize in Croatia. *Food Add and Contam* 2005; 22: 677-681.
10. Miletić-Medved M, **Domijan A-M**, Peraica M. Recent data on endemic nephropathy and related urothelial tumors in Croatia. *Wien Klin Wochenschr* 2005; 117: 604-609.
11. **Domijan A-M**, Želježić D, Kopjar N, Peraica M. Standard and Fpg-modified comet assay in kidney cells of ochratoxin A- and fumonisin B- treated rats. *Toxicology* 2006; 222: 53-59.
12. Želježić D, **Domijan A-M**, Peraica M. DNA damage by ochratoxin A in rat kidney assessed by the alkaline comet assay. *Brazil J Med Biolog Res* 2006; 39: 1563-1568.

13. Šegvić Klarić M, Pepeljnjak S, **Domijan A-M**, Petrik J. Lipid peroxidation and glutathione levels in porcine kidney PK15 cells after individual and combined treatment with fumonisin B₁, beauvericin and ochratoxin A. *Basic Clin Pharmacol Toxicol* 2007; 100: 157-164.
14. **Domijan A-M**, Želježić D, Milić M, Peraica M. Fumonisin B₁: oxidative status and DNA damage in rats. *Toxicology* 2007; 232: 163-169.
15. **Domijan A-M**, Peraica M, Lucić Vrdoljak A, Radić B, Žlender V, Fuchs R. The involvement of oxidative stress in ochratoxin A and fumonisin B₁ toxicity in rats. *Mol Nutr Food Res* 2007; 51: 1147-1151.
16. Rumora L, **Domijan A-M**, Žanić Grubišić T, Peraica M. Mycotoxin fumonisin B₁ alters cellular redox balance and signaling pathways in rat liver and kidney. *Toxicology* 2007; 242: 31-38.
17. Peraica M, Ljubanović D, Želježić D, **Domijan A-M**. The effect of a single dose of fumonisin B₁ on rat kidney. *Croat Chem Acta* 2008; 81: 119-124.
18. Peraica M, **Domijan A-M**, Miletić-Medved M, Fuchs R. The involvement of mycotoxins in the development of endemic nephropathy. *Wien Klin Wochenschr* 2008; 120: 402-407.
19. **Domijan A-M**, Želježić D, Peraica M, Kovačević G, Gregorović G, Krstanec Ž, Horvatin K, Kalafatić M. Early toxic effects of fumonisin B₁ in rat liver. *Hum Exper Toxicol* 2008; 27: 895-900.
20. Flajs D, **Domijan A-M**, Ivić D, Cvjetković B, Peraica M. ELISA and HPLC analysis of ochratoxin A in red wines of Croatia. *Food Control* 2009; 20: 590-592.
21. Žlender V, Breljak D, Ljubojević M, Flajs D, Balen D, Brzica H, **Domijan A-M**, Peraica M, Fuchs R, Anzai N, Sabolic I. Low doses of ochratoxin A upregulate the protein expression of organic anion transporters Oat1, Oat2, Oat3 and Oat5 in rat kidney cortex. *Toxicol Appl Pharmacol* 2009; 239: 284-296.
22. Ivić D, **Domijan A-M**, Peraica M, Cvjetković B. Fumonisin B₁ and zearalenone contamination of wheat in Croatia and influence of fungicide treatments. *Phytoprotection* 2009; 90:31-34.
23. Garaj-Vrhovac V, Gajski G, Pažanin S, Sarolić A, **Domijan A-M**, Flajs D, Peraica M. Assessment of cytogenetic damage and oxidative stress in personnel occupationally exposed to the pulsed microwave radiation of marine radar equipment. *Int J Hyg Environ Health* 2011; 214: 59-65.
24. **Domijan A-M**, Abramov AY. Fumonisin B₁ inhibits mitochondrial respiration and deregulates calcium homeostasis – implication to mechanism of cell toxicity. *Int J Biochem Cell Biol* 2011; 43: 897-904.
25. Šegvić Klarić M, Želježić D, Rumora L, Peraica M, Pepeljnjak S, **Domijan A-M**. A potential role of calcium in apoptosis and aberrant chromatin forms in porcine kidney PK15 cells induced by individual and combined ochratoxin A and citrinin. *Arch Toxicol*. 2012; 86: 97-107.
26. Rogulj D, Konjevoda P, Milić M, Mladinić M, **Domijan A-M**. Fatty liver index as an indicator of metabolic syndrome. *Clin Biochem* 2012; 45: 68-71.
27. **Domijan A-M**, Kovac S, Abramov AY. Impact of fumonisin B₁ on glutamate toxicity and low magnesium induced seizure activity in neuronal co-culture. *Neuroscience* 2012; 202:

10-16.

28. Kovac S, **Domijan A-M**, Walker MC, Abramov AY. Prolonged seizure activity impairs mitochondrial bioenergetics and induces cell death. *J Cell Sci* 2012; 125: 1796-1806.

29. Gajski G, **Domijan A-M**, Garaj-Vrhovac V. Alterations of GSH and MDA levels and their association with bee venom-induced DNA damage in human peripheral blood leukocytes. *Environ Mol Mutagen* 2012; 53: 469-477.

30. Rak S, Čimbora-Zovko T, Gajski G, Dubravčić K, **Domijan A-M**, Delaš I, Garaj-Vrhovac V, Batinić D, Sorić J, Osmak M. Carboplatin resistant human laryngeal carcinoma cells are cross resistant to curcumin due to reduced curcumin accumulation. *Toxicol in vitro* 2013; 27: 523-532.

31. Milić M, Kišan M, Rogulj D, Radman M, Vučić Lovrenčić M, Konjevoda P, **Domijan A-M**. Level of primary DNA damage in the early stage of metabolic syndrome. *Mutat Res* 2013; 758:1-5.

32. **Domijan A-M**, Miletić-Medved M, Peraica M, Loft S. Malondialdehyde and 8-oxo-7,8-dihydro-2'-deoxyguanosine in the urine of residents from Balkan Endemic Nephropathy area in Croatia – a pilot study. *Coll Antrop* 2013; 37: 1195-1198.

33. **Domijan A-M**, Kovac S, Abramov AY. Lipid peroxidation is essential for phospholipase C activity and the inositol-triphosphate-related Ca^{2+} signal. *J Cell Sci* 2014; 127: 21-26.

34. Kovac S, **Domijan A-M**, Walker MC, Abramov AY. Seizure activity results in calcium- and mitochondria-independent ROS production via NADPH and xanthine oxidase activation. *Cell Death Dis* 2014; 5:e1442.

35. Rumora L, **Domijan A-M**, Žanić Grubišić T, Šegvić Klarić M. Differential activation of MAPKs by individual and combined ochratoxin A and citrinin treatments in porcine kidney PK15 cells. *Toxicol* 2014; 90: 174-183.

36. **Domijan A-M**, Gajski G, Novak Jovanović I, Gerić M, Garaj-Vrhovac V. In vitro genotoxicity of mycotoxins ochratoxin A and fumonisin B1 could be prevented by sodium copper chlorophyllin – implication to their genotoxic mechanism. *Food Chem* 2015; 170: 455-462.

37. **Domijan A-M**, Ralić J, Radić Brkanac S, Rumora L, Žanić-Grubišić T. Quantification of malondialdehyde by HPLC-FL – application to various biological samples. *Biomed Chromatography* 2015; 29: 41-46.

38. Markov K, Mihaljević B, **Domijan A-M**, Pleadin J, Delaš F, Frece J. Inactivation of aflatoxicogenic fungi and the reduction of aflatoxin B1 *in vitro* and *in situ* using gamma irradiation. *Food control* 2015; 54:79-85.

39. **Domijan A-M**, Pleadin J, Mihaljević B, Vahčić N, Frece J, Markov K. Reduction of ochratoxin A in dry-cured meat products using gamma irradiation. *Food Add Contam* 2015; 32: 1185–1191.

Publications in scientific journals referred in *Index Medicus*, *Excerpta Medica*, *Chemical Abstracts*, etc.

1. **Domijan A-M**, Peraica M, Fuchs R, Lucić A, Radić B, Balija M, Bosanac I, Grgičević D. Ochratoxin A in blood of healthy population in Zagreb. *Arh Hig Rada Toksikol* 1999; 50: 263-271.

2. Peraica M, **Domijan A-M**. Contamination of food with mycotoxins and human health. Arh Hig Rada Toksikol 2001; 52: 23-35.

3. Radić B, Lucić A, Peraica M, **Domijan A-M**, Bradamante V. The efficiency of imidazolium and quinuclidinium derivatives combined with HI-6 or diazepam in soman and tabun poisoning. Acta Pharmaceut 2001; 51: 1-9.

4. Peraica M, **Domijan A-M**, Jurjević Ž, Cvjetković B. Prevention of exposure to mycotoxins from food and feed. Arh Hig Rada Toksikol 2002; 53: 229-237.

5. Lucić A, Bradamante V, Radić B, Peraica M, **Domijan A-M**, Fuchs R. The effects of cycloheximide on butyrylcholinesterase activity in vivo. Arh Hig Rada Toksikol 2002; 53:185-190.

6. Lucić A, Bradamante V, Radić B, Peraica M, **Domijan A-M**, Fuchs R, Stavljenić-Rukavina A. The effect of Dichlorvos treatment on butyrylcholinesterase activity and lipid metabolism in rats. Arhiv Hig Rada Toksikol 2002; 53: 275-282.

7. **Domijan A-M**, Peraica M, Ferenčić Ž, Čužić S, Fuchs R, Lucić A, Radić B. Ochratoxin A induced apoptosis in rat kidney tissue. Arh Hig Rada Toksikol 2004; 55: 243-248.

8. **Domijan A-M**, Peraica M, Fuchs R, Lucić A, Radić B. Effect of ochratoxin A on enzyme activity and malondialdehyde in rat urine. Period Biolog 2004; 106: 373-376.

9. **Domijan A-M**, Peraica M. Ochratoxin A in wine. Arh Hig Rada Toksikol 2005; 56: 17-20.

10. **Domijan A-M**, Peraica M, Cvjetković B, Turčin S, Jurjević Ž, Ivić D. Mould contamination and co-occurrence of mycotoxins in maize grain in Croatia. Acta Pharmaceut 2005; 55: 349-56.

11. **Domijan A-M**, Rudeš K, Peraica M. The effect of ochratoxin A on the concentration of protein carbonyls in rats. Arh Hig Rada Toksikol 2005; 56: 311-315.

12. Peraica M, **Domijan A-M**, Flajs D, Ivić D, Cvjetković B. The exposure of general population in Croatia to ochratoxin A. Krmiva 2008; 50: 27-33.

13. Peraica M, **Domijan A-M**, Šarić M. Mycotoxic and aristolochic acid theories of the development of endemic nephropathy. Arh Hig Rada Toksikol 2008; 59: 59-65.

14. **Domijan A-M**, Peraica M. Determination of 8-hydroxy-2'deoxyguanosine in urine using HPLC with electrochemical detection. Arh Hig Rada Toksikol 2008; 59: 277-282.

15. **Domijan A-M**, Peraica M, Markov K, Fuchs R. Urine ochratoxin A and sphinganine/sphingosine ratio in residents of endemic nephropathy area in Croatia. Arh Hig Rada Toxicol 2009; 60: 387-393.

16. Ivić D, **Domijan A-M**, Miličević T, Peraica M, Cvjetković B. *Fusarium spp.* contamination wheat, maize, soybean and pea in Croatia. Arh Hig Rada Toxicol 2009; 60: 435-442.

17. Peraica M, Flajs D, **Domijan A-M**, Ivić D, Cvjetković B. Ochratoxin A contamination of food from Croatia. Toxins 2010; 2: 2098-2105.

18. **Domijan A-M**. Fumonisin B1: A neurotoxic mycotoxin. Arh Hig Rada Toxicol 2012; 63:

531-544.

19. **Domijan A-M**. Rezultati nedavnih studija o mehanizmu neurotoksičnosti fumonizina B1/Recent data on the mechanism of fumonisin B1 neurotoxicity. *Krmiva* 2013; 55: 25-33.

20. Slanovic-Kuzmanović Z, Kos I, **Domijan A-M**. Endocrine, lifestyle and genetic factors in the development of metabolic syndrome. *Arh Hig Rada Toxicol* 2013; 64:581-591.

Professional papers

1. Peraica M, **Domijan A-M**, Pleština R. Primjena pesticida i njihov odnos prema otrovima prirodnog podrijetla. [Pesticides use and natural toxins] Proceedings of Seminar DDD and ZUPP 2000. Poreč, Croatia, 2000; 71-81.

2. Peraica M, **Domijan A-M**. Contamination of food with mycotoxins and human health. *Arh Hig Rada Toksikol* 2001; 52: 23-35.

3. Peraica M, **Domijan A-M**, Jurjević Ž, Cvjetković B. Prevention of exposure to mycotoxins from food and feed. *Arh Hig Rada Toksikol* 2002; 53: 229-237.

4. Peraica M, **Domijan A-M**, Jurjević Ž, Cvjetković B. Sprečavanje izloženosti mikotoksinima iz namirnica. [Prevention of exposure to mycotoxins from food and feed] Proceedings of Seminar DDD and ZUPP 2003. Poreč, Croatia, 2003; 165-175.

5. Peraica M, **Domijan A-M**, Jurjević Ž, Cvjetković B. Toksični učinak mikotoksina plijesni roda *Fusarium* koje se nalaze na pšenu u Republici Hrvatskoj. [Toxic effects of mycotoxins produced by *Fusarium* moulds contaminating wheat in the Republic of Croatia] *Glasilo biljne zaštite* 2003; 315-9.

6. Peraica M, **Domijan A-M**. Mikotoksini i zdravlje ljudi. [Micotoxins and human health.] *Hrvatski časopis za javno zdravstvo*, 2006; 2: <http://www.hcjz.hr/clanak.php?id=12896>

7. Peraica M, **Domijan A-M**, Ivić D, Cvjetković B. Neželjeni učinci mikotoksina nađenih na kukuruzu u Republici Hrvatskoj. [Adverse effects of mycotoxins found on maize in the Republic of Croatia.] *Glasilo biljne zaštite* 2008; 50: 27-33.

9. Peraica M, Flajs D, **Domijan A-M**, Ivić D, Cvjetković B. Wines can also be contaminated by mycotoxins. *Glasilo biljne zaštite* 2010; 10:241-245.

7. Marjanović AM, **Domijan A-M**, Flajs D, Pavičić I. Parameters of oxidative damage of macromolecules and antioxidative defense in persons exposed to marine radar frequency 1.5 GHz – 10.9 GHz [in Croatian]. Book of papers of the 8th Symposium of Croatian Society for protection of radiation, Krk, Island of Krk, Croatia, 2011; 513-518.

Invited speaker on scientific conferences

1. Peraica M, **Domijan A-M**. Mycotoxins contamination of food and human health. Workshop on Contamination of Food and Agroproducts; Varaždin, Croatia 2000. Book of Abstracts, L-3.

2. Peraica M, **Domijan A-M**, Jurjević Ž, Cvjetković B. Ochratoxin A in food and in the blood of general population in Croatia. The First Croatian Scientific Symposium with international participation, Mycotoxins-clinical aspects and prevention; Zagreb, Croatia 2004. Book of Abstracts, pp. 22-25.

3. Peraica M, **Domijan A-M**. Recent studies on the mechanism of fumonisin B₁ toxicity. Congress of Croatian Society of Biochemistry and Molecular Biology; Vodice, Croatia 2006. Book of Abstracts, p. 50.

4. Peraica M, **Domijan A-M**. Endemic nephropathy and exposure to mycotoxins. Symposium on the recent advances in endemic nephropathy. The role of toxins in an environmental disease; Zagreb, Croatia 2006. Collegium Antropol 2006; 30 (Suppl 1): 15.

5. Peraica M, **Domijan A-M**, Flajs D, Ivić D, Cvjetković B. The exposure of general population in Croatia to ochratoxin A. The 15th International Conference "Krmiva"; Opatija, Croatia 2008. Book of Abstracts, p. 31.

6. **Domijan A-M**, Peraica M. The involvement of oxidative stress in fumonisin B₁ genotoxicity. The 38th Annual Meeting of European Environmental Mutagen Society; Cavtat, Croatia 2008. Book of Abstracts, p. 86.

7. Miletić-Medved M, **Domijan A-M**, Peraica M, Fuchs R. Sphinganine and sphingosine ratio and concentration of ochratoxin A in the urine of residents from endemic area. The 2nd Croatian Scientific Symposium with international participation. Fungi and mycotoxins – health aspects and prevention; Zagreb, Croatia 2008. Book of Abstracts, pp. 39-40.

8. **Domijan A-M**. Mitochondrial dysfunction in fumonisin B₁ neurotoxicity. Power of Fungi and Mycotoxins in Health and Disease; Primošten, Croatia 2011. Program and Abstracts Book, p. 32.

6. **Domijan A-M**, Kovac S, Abramov Y. A. Deregulation of calcium signalling in fumonisin B₁ neurotoxicity. Abstracts of the 4th Croatian Congress of Toxicology, CROTOX 2012, Primošten 2012. Arh Hig Rada Toksikol 2012; 63 (Supp. 2): 25.

7. Gajski G, Novak I, **Domijan A-M**, Gerić M, Garaj-Vrhovac V. Safety assessment and antioxidant activity of sodium copper chlorophyllin. The 2nd International Symposium "Vera Johanides – Biotechnology in Croatia by 2020." Zagreb, Croatia 2013. Book of Abstract, pp. 45-47.

8. **Domijan A-M**. Recent data on the mechanism of fumonisin B₁ neurotoxicity. The 20th International conference Krmiva 2013. Opatija, Croatia. Book of Abstract, p. 27.

Theses

1. Ana-Marija Domijan. Testiranje akutne toksičnosti preparata Triklorfon u kompresama. [Testing of acute toxicity of Trichlorophon] Graduation Degree Thesis, Faculty of Pharmacy and Biochemistry, University of Zagreb. Mentors: F. Plavšić and M. Peraica, 1997.

2. Ana-Marija Domijan. Prilog poznavanju nefrotoksičnog djelovanja okratoksina A. [Some features of ochratoxin A - induced nephrotoxicity] Master's Degree Thesis, Faculty of Science, University of Zagreb. Mentor: M. Peraica, 2001.

3. Ana-Marija Domijan. Mehanizam toksičnog djelovanja okratoksina A i fumonizina B₁, [Mechanism of ochratoxin A and fumonisin B₁ toxicity] PhD Thesis, Faculty of Pharmacy and Biochemistry, University of Zagreb. Mentor: M. Peraica, 2005.