

**PROF. DR DUŠAN MIŠIĆ
CURRICULUM VITAE**

FIRST NAME
AND SURNAME

Dušan Mišić

ACADEMIC
POSITION

Associate Professor

AFFILIATION

University of Belgrade
Faculty of Veterinary Medicine
Department for Microbiology
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PERSONAL
INFORMATION

Born on october 11th, 1969, Belgrade, Serbia, married, 1 child

EDUCATION
AND
PROFFESIONAL
TRAINING

June, 2008 – Ph.D. in Clinical veterinary microbiology, Faculty of Veterinary Medicine, University of Belgrade: „Investigation of the presence of the resistance genes in plasmids isolated from multiresistant *E.coli*, *Samonella* and *Pseudomonas* strains originating from domestic animals“.

Decembar, 2005 - M.Sc. in Clinical veterinary microbiology, Faculty of Veterinary Medicine, University of Belgrade: „Investigation of antimicrobials' effeciency *in vitro* on some pathogenic bacteria isolated from animals“

1998 - D.V.M. Faculty of Veterinary medicine, University of Belgrade, Graduated with avarage mark 8,10

Professional Experience:

Associate professor 2014 –
Department for Microbiology
Faculty of Veterinary Medicine, University of Belgrade

Assistant Professor 2009 -2014
Department for Microbiology
Faculty of Veterinary Medicine, University of Belgrade

Research and teaching Assistant, 2000-2009
Department for Microbiology
Faculty of Veterinary Medicine, University of Belgrade

Research trainee, 1999-2000
Department for Microbiology
Faculty of Veterinary Medicine, University of Belgrade

2006 -2013 Head of the Laboratory for bacteriology and micology, Department for Microbiology, Faculty of Veterinary Medicine, University of Belgrade.

Courses

Manipulation with bacterial DNA, Insititute for Molecular Genetics and Genetic Engineering (IMGGI), Belgrade, Serbia, may, 2005.

Principles of Epidemiology, online cours VDPAM522 for professional students, Iowa State University, january-may, 2012.

Molecular typisation of staphylococci (MLST/ multilocus sequence typing, SPA typing, PFGE/ pulsed field gel electrophoresis, Scmec cassette), University of Lisbon, Faculty of Veterinary medicine, Laboratory of Antimicrobial and Biocide resistance, Lisbon, Portugal, 7-21.september 2014,

REASEARCH INTERESTS

Methicillin-resistant staphylococci, antimicrobial susceptibility testing and antibiotic-resistance mechanisms, plasmids, molecular methods applied in clinical microbiology, investigations of antibacterial activity of non-antibiotic substances (supercritical plant extracts).

PROJECTS AND RESEARCH EXPERIENCE

- Eureka project E!9906 COMPLANT (2016-2017) "**Comprehensive processing of plant extracts for high value added products**" coordinator of microbiological investigations –antibacterial, antiviral, antimycotic and citotoxic activity of plant extracts.
- 2011 –2016 **Functional and physiologically active plants materials with added value for usage in pharmaceutical and food industry**, Integrated Innovative and Interdisciplinary scientific project evidence number III 45017, project founded by Ministry of Education and Science of the Republic of Serbia, work as a coordinator of microbiological investigations –antibacterial, antiviral, antimycotic and citotoxic activity of plant extracts.
- 2011 –2016 **Implementation and evaluation of a new molecular method for a quick detection of a *mecA* gene directly in swabs originated from humans, animals and their enviroment** evidence number TR 31079, project founded by Ministry of Education and Science of the Republic of Serbia, work as a researcher on investigations of presence of *mecA* and *mecC* gene in methicillin-resistant staphylococci.
- Eureka project E!6240 PLANTCOSMEHEL (2010-2012) **Development of new products on the plant material basis for health improvement and cosmetics**, coordinator of microbiological investigations of antibacterial and citotoxic activity of

some plant materials.

- 2008 –2011 **Investigation of technologies for preparing the safe experimental vaccines without the presence of resistance genes, against some porcine diseases caused by *E.coli* and *A.pleuropneumoniae***- project founded by Ministry of Science, Republic of Serbia; worked as a researcher on isolation and investigation of plasmids from *E.coli* and *A.pleuropneumoniae* strains originated from pigs.
- 2008 –2010 **Technology development for production of herbal extracts based pharmaceutical composition for treatment of skin infections**, evidence number TR 19037 project founded by Ministry of Science, Republic of Serbia; worked as a researcher on investigations of antibacterial effects of supercritical plant extracts and on improving of methods for this kind of investigations.
- 2006 –2007 **Investigation of the presence of zoonotic agents (*Campylobacter*, *Salmonella* and *Mycobacterium* spp.) and of some novel pathogens(*Ornithobacterium rhinotracheale*) on poultry farms and in wild birds in nature**, project founded by Ministry of Agriculture, Republic of Serbia, worked on isolaton and identification of mentioned bacteria.
- 2005–2006 **Investigaton of antimicrobial susceptibility of *Campylobacter* and *Samonella* spp. isolated from pigs**, project founded by Ministry of Agriculture, Republic of Serbia, worked on isolaton, identification and typisation of mentioned bacteria and on antimicrobial susceptibility testing.
- 2000 –2005 **Monitoring of antibiotic usage in animals**, evidence number 1994, founded by Ministry of Science, Republic of Serbia; worked on isolation and identification of pathogenic bacteria from clinical specimen originated from domestic animals and on antimicrobial susceptibility testing

LIST OF PUBLICATIONS

1. Fanovich, MA, Ivanovic, J, Zizovic, I, **Misic, D**, Jaeger, P, Functionalization of polycaprolactone/hydroxyapatite scaffolds with *Usnea lethariiformis* extract by using supercritical CO₂, *Materials Science and Engineering C*, 2016, 58, 1 January 2016, Pages 204-212.
2. Buač M, Mojsilović S, **Mišić D**, Vuković D, Savić O, Valčić O, Marković D, Gvozdić D, Ilić V, Fratrić N, Circulating immune complexes of calves with bronchopneumonia modulate the function of peripheral blood leukocytes: In vitro evaluation, *Research in veterinary science*, 2016, 106, june 01, 135-142.
3. Ana Zugic, Dominique Jasmin Lunter, Rolf Daniels, Ivana Pantelic, Marija Tasic Kostov, Vanja Tadic, **Dusan Misic**, Ivana Arsic & Snezana Savic, *Usnea barbata* CO₂-supercritical extract in alkyl polyglucoside-based emulsion system: contribution of Confocal Raman imaging to the formulation development of a natural product, *Pharmaceutical Development and Technology*, 2016, 21, 5, 563-575
4. Prunić Bojana, Milanov Dubravka, Velhner Maja, Pajić Marko, Pavlović Ljiljana, **Mišić Dušan**, Clonal persistence of *Salmonella enterica* serovars Montevideo, Tennessee and Infantis in feed factories, *Journal of Infection in Developing Countries*, 2016, DOI: 10.3855/jidc.7313, in press.
5. Edward Rój, Vanja M. Tadić, **Dušan Mišić**, Irena Žižović, Ivana Arsić, Agnieszka Dobrzyńska-Inger, Dorota Kostrzewa, Supercritical carbon dioxide hops extracts with antimicrobial properties, *Open Chem.*, 2015; 13: 1157–1171
6. Ana R. Žugić , Milica Z. Lukić , Marija Z. Tasić Kostov, Vanja M. Tadić, Ivana A. Arsic, **Dušan R. Mišić**, Slobodan D. Petrović, Snežana D. Savić , Alkyl polyglucoside-stabilized emulsion as a prospective vehicle for *usnea barbata* CO₂-supercritical extract: Assessing stability, safety and efficiency of a topical formulation, *Hemijaska industrija*, 2015, 69, 6, 703-712.

7. Baltić Tatjana, Baltić Ž. Milan, **Mišić Dušan**, Ivanović Jelena, Janjić Jelena, Bošković Marija, Dokmanović Marija, Influence of marination on Salmonella spp. growth in broiler breasts fillets, *Acta veterinaria*, 2015, 65 (3), 417-428.
8. Stamenic, M, Vulic, J, Djilas, S, **Misic, D**, Tadic, V, Petrovic, S, Zizovic, I, Free-radical scavenging activity and antibacterial impact of Greek oregano isolates obtained by SFE, *Food Chemistry*, 2014, 165 (15), 307-315.
9. Poljarević, J.M., Krstić, M.P., Grgurić-Šipka, S., Sovilj, S.P., **Mišić, D.R.**, Sabo, T.J., Platinum (IV) complexes with N-alkylphenothiazines: Synthesis, characterization, and antibacterial activity, *Journal of Coordination Chemistry*, 2013, 66(21), 3760-3769.
10. Fanovich Maria Alejandra, Ivanovic Jasna, **Misic Dusan**, Alvarez Maria Victoria, Philip Jaeger, Zizovic Irena, Eggers Rudolf, Development of polycaprolactone scaffold with antibacterial activity by an integrated supercritical extraction and impregnation process, *The Journal of Supercritical Fluids*, 2013, 8, 42-53.
11. Ivanovic Jasna, Meyer Florian, **Misic Dusan**, Asanin Jelena, Jaeger Philip, Zizovic Irena, Eggers Rudolf, Influence of different pre-treatment methods on isolation of extracts with strong antibacterial activity from lichen *Usnea barbata* using carbon dioxide as a solvent. *The Journal of Supercritical Fluids*, 2013, 76, 1-9.
12. Ivanovic Jasna, Dimitrijevic-Brankovic Suzana, **Misic Dusan**, Ristic Mihailo, Zizovic Irena, Evaluation and improvement of antioxidant and antibacterial activities of supercritical extracts from clove buds. *Journal of Functional Foods*, 2013, 5 (1) 416-423.
13. Ivana Arsić, Ana Žugić, Vanja Tadić, Marija Tasić-Kostov, **Dušan Mišić**, Marija Primorac and Dušanka Runjaić-Antić, Estimation of dermatological application of creams with St. John's Wort oil extracts, *Molecules*, 2012, 17:275-294.
14. Jasna Ivanović, **Dušan Mišić**, Irena Žižović, Mihailo Ristić, *In vitro* control of multiplication of some food-associated bacteria by thyme, rosemary and sage isolates, *Food control*, 2012, 25:110-116.
15. Irena Zizovic, Jasna Ivanovic, **Dusan Misic**, Marko Stamenic, Sofija Djordjevic, Jelena Kukic-Markovic, Slobodan D. Petrovic, SFE as a superior technique for isolation of extracts with strong antibacterial activities from lichen *Usnea barbata* L., *The Journal of Supercritical Fluids*, 2012, 72:7-14.
16. Stanojković, A., Ašanin, R., **Mišić, D.**, Ašanin, J., Stanojković-Sebić, A. The presence and serological types of Streptococcus suis strains isolated from pigs originating from some farms in Serbia, *Fresenius Environmental Bulletin*, 2012, 21 (11 C) 3558 - 3561
17. Gavrović, M, Ružica, A, **Mišić, D**, Milanka, J, Žutić, M, Investigation of the sensitivity of E. Coli strains isolated from domestic animals to antibiotics and hemiotherapeutics in vitro, *Acta Veterinaria*, 2011, 61,(1)21-23.
18. Ašanin Jelena, Aksentijević Ksenija, Zdravković N, Ašanin Ružica, **Mišić D**, Detection of PBP2a (penicillin-binding protein 2a) and mecA gene in methicillin resistant staphylococci originated from animals, *Acta Veterinaria*, 2012, 62(4):375-384
19. Kuzmanovic Jelena, Asanin Ruzica, M Baltic, Milan Z, **Misic Dusan R**, Dimitrijevic Mirjana, Dj Stojanovic, Marija M, Asanin N, Kovacevic I, Presence of Listeria spp in Fish Samples, Fish Products and Sea Products, 2011, *Acta Veterinaria*, 6, 2-3, 193-203.
20. Jasna Ivanović, **Dušan Mišić**, Mihailo Ristić, Olivera Pešić, Irena Žižović, Supercritical CO₂ extract and essential oil of bay (*Laurus nobilis* L.) – chemical

composition and antibacterial activity, *Journal of the Serbian Chemical Society*, 2010, 75(3):395-404.

21. Žutić Jadraka, Ašanin Jelena, **Mišić D**, Jakić-Dimić Dobrila, Milić N, Ašanin Ružica, Stanojević Dragica, Žutić M, Isolation of *ETEC* strains from piglets with diarrhoea in the neonatal period and their typisation based on somatic and fimbrial antigens, *Acta veterinaria*, 2010, 60, (5-6), 497-506.
22. **Mišić D**, Ašanin Ružica, Ivanović Jasna, Žižović Irena, Investigation of antibacterial activity of supercritical extracts of plants, as well as of extracts obtained by other technological processes on some bacteria isolated from animals, *Acta veterinaria*, 2009, 59(5-6):557-568.
23. **D.Mišić**, I.Žižović, M.Stamenić, R.Ašanin, M.Ristić, S.D.Petrović, D.Skala, Antimicrobial activity of celery fruit isolates and SFE process modeling, *Biochemical Engineering Journal*, 2008, 42:148-152
24. Sandra B. Glišić, **Dušan R. Mišić**, Marko D. Stamenić, Irena T. Zizovic, Ružica M. Ašanin, Dejan U. Skala, Supercritical Carbon Dioxide Extraction of Carrot Fruit Essential Oil– Chemical Composition and Antimicrobial Activity, *Food Chemistry*, 2007, 105:346-352
25. Filipović Irina, **Mišić D**, Ašanin Ružica. Investigation of the presence of extended spectrum beta-lactamases (ESBL) in multiresistant strains of *E.coli* and *Salmonella* species originated from domestic animals, *Acta veterinaria*, 2007, 57(4):369-379.
26. Milanov Dubravka, Ašanin Ružica, **Mišić D**, Vidić Branka, Ratajac R, Investigation of biofilm formation in vitro ability of *Listeria monocytogenes* strains isolated from animals, *Acta veterinaria*, 2007, 57(5-6):429-440.
27. **Mišić D**, Ašanin Ružica, The investigation of resistance gene presence in plasmids isolated from *E.coli* and *Salmonella* strains originating from domestic animals by the method of plasmid DNA transformation into competent cells, *Acta veterinaria*, 2007, 56(4):293-382.
28. Krnjaić D, **Mišić D**, Ašanin Ružica, Investigation of sensitivity and resistance to antibiotics and chemotherapeutics in *E.coli* strains isolated from animals bred in intensive farming conditions, *Acta Veterinaria*, 2005, 55(5-6):501-509.

CITATIONS

155 total, h-index 8, (june, 2016., SCOPUS, Author ID: 15053525700)

MEETING ABSTRACTS

- **D.Misic**, K.Aksentijevic, N.Zdravkovic, J.Asanin, (2013) Reliability of methods for detecting Methicillin-resistant staphylococci (MRS) in animals during routine microbiological diagnostics, 3rd ASM-ESCMID Conference on Methicillin-resistant Staphylococci in animals: Veterinary and Public Health implications, Book of programme and abstracts, page 52, November 4-7, 2013, Copenhagen, Denmark
- Butorac Ana, Perica Kristina, Dodig Ivana, Bubonja-Šonje Marina, Abram Maja, Ašanin Jelena, **Mišić Dušan**, Aksentijević Ksenija, Kosalec Ivan, Bačun-Družina Višnja, Cindrić Mario, (2012) Rapid determination of antibiotic resistance mechanisms of pathogenic bacteria by CAF-/CAF+ technique. Book of Abstracts, Central European Symposium on antimicrobial resistance, CESAR, 23-26. IX 2012, Primošten, Croatia.
- J. Ivanovic, I. Zizovic, **D. Misic**, A. Fanovich, F. Meyer, P. Jaeger, R. Eggers, (2012) Prozessdesign für Online-Imprägnierung von Feststoffen mit antibakteriellen Flechtenextrakten nach Hochdruckextraktion, *Chemie Ingenieur Technik*, Volume 84, Issue 8, page 1272. Special Issue: ProcessNet-Jahrestagung 2012 und 30. Jahrestagung der Biotechnologen (Karlsruhe, Germany, 10-13.2012.)

- **Dušan Mišić**, Jelena Ašanin, Ksenija Aksentijević. (2009) Presence of methicillin-resistant *Staphylococcus* (MRS) strains in clinical specimen originated from house pets, Central European Symposium on antimicrobial resistance, CESAR, Zadar, Croatia, 2009, Programme and Abstracts, p54.
- **D. Misic**, J. Ivanovic, I. Zizovic. (2010) Antibacterial activity of supercritical Usnea barbata extract against staphylococci, streptococci and enterococci originated from animals, 20th European Congress of Clinical Microbiology and Infectious Diseases, Vienna, Austria, 10-13 April 2010. Book of Abstracts: P1246. Citation: Clinical Microbiology and Infection. Volume 16 Supplement No. 2, Page S349
- Jaeger P. T., Fanovich M. A., Zizovic I., Ivanovic J., **Misic D.**, Rodriguez J. M.T., (2012) Production of antibacterial scaffold by an integrated supercritical extraction and impregnation process, Serial Number: 1482. Topic: Symposium on supercritical fluid applications P5.43. 20th International Congress of Chemical and Process Engineering CHISA 2012, Prague, Czech Republic, 2012
- Zizovic I., Stamenic M., Ivanovic J., **Misic D.**, Ristic M., Petrovic S. (2012) Antibacterial potential of celery and parsley fruit extracts obtained by supercritical fluid extraction for food industry applications, Serial Number: 1473. Topic: Symposium on supercritical fluid applications P5.45. 20th International Congress of Chemical and Process Engineering CHISA 2012, Prague, Czech Republic, 2012
- J. Ivanovic, **D. Misic**, M. Perovic, M. Ristic, I. Zizovic, (2009) Supercritical CO₂ Extraction of Thyme (*Thymus vulgaris* L.) - Antibacterial Activity and Chemical Composition, GPE-EPIC, 14-17. June, 2009, Venice, Full text on CD ROM
- **Dusan Misic**, Irena Zizovic, Jasna Ivanovic, Marko Stamenic, Slobodan Petrovic, (2012) Screening of Antibacterial Activity of Celery and Parsley Fruit Extracts Obtained by Supercritical Fluid Extraction, 6th Central European Congress on Food, May 23-26, Novi Sad, Serbia
- Glišić B. Sandra, **Mišić R.** Dušan, Zizovic T. Irena, Stamenić D. Marko, Ašanin M. Ružica, Skala U. Dejan, (2006). Carrot fruit essential oil and supercritical fluid extract – the chemical composition and antimicrobial activity, 4th AMAPSEEC (Association for Medicinal and Aromatic Plants of South-East European Countries) Conference, Iasi, Romania, 2006, Full text, CD Rom.

MONOGRAPHY
CHAPTERS

Dušan Mišić, The applicability of supercritical extracts in clinical treatment of bacterial infections in humans and animals, *in* Supercritical CO₂ extraction and its applications, Ed. Edward Rój, Polish Foundations of the Opportunities Industrialization Centers "OIC Poland", Lublin, Poland 2014. ISBN 978-83-86499-96-0. pp. 57-99.

Milovanovic S., Radetic M., **Misic D.**, Asanin J., Leontijevic V., Ivanovic J., Zizovic I., "High pressure modified cotton in wound dressing applications" in "Cotton Fibers: Characteristics, Uses and Performance", Ed. S. Gordon, Nova Publishers, New York, accepted for publishing

TEXTBOOKS

Dušan Mišić, Methods in microbiology-Antimicrobial susceptibility testing protocols, ElitMedica, Belgrade, 2013, ISBN 978-86-7222-105-3 (textbook for specialistic and doctoral studies, written in serbian language)

MENTORSHIP

- Mentor in Ph.D dissertation named: **Investigation of antibiotic susceptibility of coagulase negative and coagulase positive staphylococci originated from different specimen.** Dissertation is done at the Department for Microbiology, Faculty of veterinary medicine, University of Belgrade
- Mentor in Ph.D dissertation named: **Investigation of antibiotic resistance in bacteria isolated from fish.** Dissertation is done at the Department for Microbiology, Faculty of veterinary medicine, University of Belgrade.
- Mentor in Ph.D dissertation named:
- **Application of multiplex PCR and gene sequencing for 16s ribosomal RNK in precise identification of *Salmonella enterica* subsp. *enterica* serovars**
- Dissertation is done at the Institute of molecular genetics and genetic engineering, University of Belgrade
- Mentor in Ph.D dissertation named:
- **Investigation of *in vitro* biofilm formation of different *Salmonella* serovars isolated from animal's food specimen.** Dissertation is done at the Laboratory for Microbiology, Scientific veterinary Institute „Novi Sad“.
- Co-mentor in Ph.D dissertation named: **Investigation of resistance and crossresistance mechanisms of *Listeria monocytogenes* after its *in vitro* adaptation on different antimicrobials.** Dissertation is done at the Department for Food hygiene and technology, Faculty of veterinary medicine, University of Belgrade and North Carolina State University, The Department of Food, Bioprocessing and Nutrition Sciences
- Co-mentor in Ph.D dissertation named: **Kinetics and optimisation of the processes of isolation of plant extracts with good antibacterial activity.** Dissertation is done at the Department for Organic chemistry engineering, Faculty of Technology and metallurgy University of Belgrade and Department for Microbiology, Faculty of veterinary medicine, University of Belgrade.
- Co-mentor in Ph.D dissertation named: **Investigation of presence of *Clostridium botulinum* spores in honey and bees specimen.** Dissertation is done at the Department for Food hygiene and technology, Faculty of veterinary medicine, University of Belgrade.
- Co-mentor in Ph.D. dissertation named: **Isolation, identification and molecular characterisation of causative agents of bovine tuberculosis in Vojvodina.** Dissertation is done at the Department for Infectious Diseases of animals and Diseases of bees, Faculty of veterinary medicine, University of Belgrade, Scientific veterinary institute „Novi Sad“, Novi Sad, Medical University of Innsbruck Department for hygiene, microbiology and social medicine.
- Mentor in Microbiology specialist degree investigation named: **The presence of coagulase-positive and coagulase-negative staphylococci in specimen of different origin and investigation of their antibiotic susceptibility with disc diffusion and broth microdilution methods.** Specialist degree investigation is done at the Department for microbiology Faculty of veterinary medicine, University of Belgrade.
- Mentor in Microbiology specialist degree investigation named: **Investigation of antibiotic susceptibility of *Pasteurella* spp. isolated from pigs.** Specialist degree investigation is done at the Department for microbiology Faculty of veterinary medicine, University of Belgrade.

TECHNICAL SOLUTIONS

- Irena Žižović, **Dušan Mišić**, Ivana Arsić, Vanja Tadić, Slobodan Petrović, Marko Stamenić, Jasna Ivanović, Stoja Milovanović, Jelena Ašanin, Dorota Kostrzewa, Agnieszka Dobrzyńska–Inger, Edward Roj. The technological process of obtaining isomerized extract of hops (*Humulus lupulus* L.) for application in pharmaceutical formulations, 2014.
- Sofija Đorđević, Vanja Tadić, Ivana Arsić, Ana Žugić, **Dušan Mišić**, Slobodan Petrović, Aleksendra Bogdanović, Sonja Naumović, Milica Stanković, Irena Žižović, The development of a new product - capsules with hypolipemic activity, 2014
- Irena Žižović, Vanja Tadić, Ivana Arsić, **Dušan Mišić**, Sofija Đorđević, Ana Žugić, Marija Tasić-Kostov, Snežana Savić, Slobodan Petrović, Slobodanka Jovanović, Jelena Ašanin, Jasna Ivanović, Dušanka Runjaić-Antić, The development of a new product - herbal cream with antimicrobial activity, 2014
- Vanja Tadić, Ivana Arsić, Ana Žugić, **Dušan Mišić**, Sofija Đorđević, Snežana Savić, Jasna Ivanović, Jelena Ašanin, Slobodan Petrović, Slobodanka Jovanović, Irena Žižović, The development of a new product - cream with old man's beard extract, 2014
- Ivana Arsić, Irena Žižović, Vanja Tadić, **Dušan Mišić**, Marija Tasić-Kostov, Sonja Naumović, Milica Stanković, Ana Žugić, The liposomal cream with Lady Mantle's extract, 2015
- Žižović I., Stamenić M., **Mišić D.**, Nišavić J., Ivanović J., Milovanović S., Petrović S., Laboratory process for obtaining extract of celery (*Apium graveolens*) fruit for application in food industry, 2012.

ADDITIONAL INFORMATION

- 2015, 2016, Reviewer and Editorial board member of **Microbial risk analysis**, published by Elsevier, editor-in-chief Professor Omar A. Oyarzabal
- 2014-2015- Reviewer for **Acta veterinaria**, published by Faculty of veterinary medicine, University of Belgrade.
- 2012,2013,2014- Reviewer for **Foodborne Pathogens and Disease**, published by Mary Ann Liebert, Inc. Publishers, editor-in-chief Stephen Oliver.
- 2012 - Reviewer for **Food Research International** published by Canadian Institute of Food Science and Technology (CIFST), editor-in-chief Alejandro Marangoni.
- 2010-Reviewer for **Food Technology and Biotechnology journal**, Published by the Faculty of Food Technology and Biotechnology University of Zagreb, Zagreb Kačićeva 23, 10000 Zagreb, Croatia, editor-in-chief Professor V.Mrša.
- 2008 - Technical assessor at Accreditation Board of Serbia

PATENTS

Pharmaceutical compositions containing herbal based active ingredients for applications in human and veterinary medicine, RS 54162, 2015,
Authors: Irena Zizovic, **Dusan Misic**, Vanja Tadic, Ivana Arsic, Slobodan Petrovic, Slobodanka Jovanovic, Jasna Ivanovic, Marko Stamenic, Jelena Asanin, Sofija Djordjevic, Ana Zugic, Stoja Milovanovic, Dusanka Runjaic Antic.
Patent owners:

University of Belgrade, Economic Institute, Belgrade.

PCT
APPLICATION Pharmaceutical Compositions Containing Herbal Based Active Ingredients for Application in Human and Veterinary Medicine, PCT/RS2012/000017 (WO2013100774 A1), 26/12/2012, Irena Zizovic, **Dusan Misic**, Vanja Tadic, Ivana Arsic, Slobodan Petrovic, Slobodanka Jovanovic, Jasna Ivanovic, Marko Stamenic, Jelena Asanin, Sofija Djordjevic, Ana Zugic, Stoja Milovanovic, Dusanka Runjaic Antic

LANGUAGES English, fluently spoken and written