

Curriculum Vitae



Презиме: Катанић
Име: Јелена
Датум и место рођења: 20.10.1988., Чачак
Адреса: Универзитет у Крагујевцу
Природно-математички факултет
Радоја Домановића12, 34000 Крагујевац
034 336223, локал 256, Лабораторија за
биохемију
Телефон:
Е-маил: jkatanic@kg.ac.rs

Образовање

Основна школа: 1995-2003. ОШ „Татомир Анђелић“, Мрчајевци, Чачак, Србија
Средња школа: 2003-2007. Медицинска школа „Надежда Вилимановић-Јанковић“, Чачак, Србија, смер фармацеутски техничар
Основне академске студије: 2007-2011. Студијски програм: Хемија – истраживање и развој, Природно-математички факултет, Универзитет у Крагујевцу
Мастер академске студије: 2011-2012. Студијски програм: Хемија – истраживање и развој, Природно-математички факултет, Универзитет у Крагујевцу
Мастер рад: „Антиоксидативна активност екстракта биљке *Gentiana asclepiadea* L. у *in vivo* условима“ (ментор проф. др Славица Солујић)
Докторске академске студије: 2012-данас Студијски програм: Биохемија Природно-математички факултет,

Универзитет у Крагујевцу (ментор др
Владимир Михаиловић)

Научно звање:

2012-2013. Истраживач приправник
2013-данас Истраживач сарадник

Студијски боравци:

2015. Institute of Pharmaceutical Sciences,
Department of Pharmacognosy, University of
Graz, Austria (3 месеца, супервизор проф. др
Рудолф Бауер)
2016. Institute of Pharmaceutical Sciences,
Department of Pharmacognosy, University of
Graz, Austria (1 месец, супервизор проф. др
Рудолф Бауер)

Чланство:

2013. Српско хемијско друштво
2013. Друштво за физиологију биљака
Србије
2013-данас Society for Medicinal Plant and
Natural Product Research (GA)

Страни језици:

енглески, немачки

Стипендије и награде:

2008-2013. Стипендија Министарства
просвете, науке и технолошког развоја
Републике Србије на основним, мастер и
докторским студијама.
2012. година. Специјално признање
Српског хемијског друштва за изузетан
успех у току основних студија.
2013. година. Награда Хемофарм фондације
за најуспешније студенте природних наука.
2014-2015. Стипендија коју додељује
Република Аустрија и Аустријска служба за
академску размену (OeAD).
2015-2016. Стипендија за једномесечни
боравак у високошколским установама у
Аустрији (WUS Austria – програм).

Научни радови:

1. V. Mihailović, M. Mihailović, A. Uskoković, J. Arambašić, D. Mišić, V. Stanković, **J. Katanić**, M. Mladenović, S. Solujić, S. Matić, Hepatoprotective effects of *Gentiana asclepiadea* L. extracts against carbon tetrachloride induced liver injury in rats, *Food and Chemical Toxicology* 52, 2013, 83–90.
2. M. Mladenović, S. Matić, S. Stanić, S. Solujić, V. Mihailović, N. Stanković, **J. Katanić**, Combining molecular docking and 3-D pharmacophore generation to enclose the *in vivo* antigenotoxic activity of naturally occurring aromatic compounds: myricetin, quercetin, rutin, and rosmarinic acid, *Biochemical Pharmacology* 86, 2013, 1376–1396.
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4. N. Stanković, M. Mladenović, M. Mihailović, J. Arambašić, A. Uskoković, V. Stanković, V. Mihailović, **J. Katanić**, S. Matić, S. Solujić, N. Vuković, S. Sukdolak, Synthesis and toxicological studies of *in vivo* anticoagulant activity of novel 3-(1-aminoethylidene)chroman-2,4-diones and 4-hydroxy-3-(1-iminoethyl)-2H-chromen-2-ones combined with a structure-based 3-D pharmacophore model, *European Journal of Pharmaceutical Sciences* 55, 2014, 20–35.
5. V. Mihailović, **J. Katanić**, D. Mišić, V. Stanković, M. Mihailović, A. Uskoković, J. Arambašić, S. Solujić, M. Mladenović, N. Stanković, Hepatoprotective effects of secoiridoids-rich extracts from *Gentiana cruciata* L. against carbon tetrachloride induced liver damage in rats, *Food & Function* 5, 2014, 1795–1803.
6. **J. Katanić**, V. Mihailović, N. Stanković, T. Boroja, M. Mladenović, S. Solujić, M. S. Stanković, M. M. Vrvic, Dropwort (*Filipendula hexapetala* Gilib.): Potential role as antioxidant and antimicrobial agent, *EXCLI Journal* 14, 2015, 1–20.
7. N. Stanković, M. Mladenović, S. Matić, S. Stanić, V. Stanković, M. Mihailović, V. Mihailović, **J. Katanić**, T. Boroja, N. Vuković, S. Sukdolak, Serum albumin binding analysis and toxicological screening of novel chroman-2,4-diones as oral anticoagulants, *Chemico-Biological Interactions* 227, 2015, 18–31.
8. **J. Katanić**, T. Boroja, N. Stanković, V. Mihailović, M. Mladenović, S. Kreft, M. M. Vrvic, Bioactivity, stability and phenolic characterization of *Filipendula ulmaria* (L.) Maxim., *Food & Function* 6, 2015, 1164–1175.
9. V. Mihailović, D. Mišić, S. Matić, M. Mihailović, S. Stanić, M. M. Vrvic, **J. Katanić**, M. Mladenović, N. Stanković, T. Boroja, M. S. Stanković, Comparative phytochemical analysis of *Gentiana cruciata* L. roots and aerial parts, and their biological activities, *Industrial Crops and Products* 73, 2015, 49–62.
10. **J. Katanić**, V. Mihailović, S. Matić, V. Stanković, N. Stanković, T. Boroja, M. Mladenović, S. Stanić, S. Kreft, M. Mihailović, The ameliorating effect of *Filipendula hexapetala* extracts on hepatorenal toxicity of cisplatin, *Journal of Functional Foods* 18, 2015, 198–212.
11. S. Matić, **J. Katanić**, S. Stanić, M. Mladenović, N. Stanković, V. Mihailović, T. Boroja, *In vivo* and *in vitro* assessment of the genotoxicity and antigenotoxicity of the *Filipendula hexapetala* and *Filipendula ulmaria* methanol extracts, *Journal of Ethnopharmacology* 174, 2015, 287–292.

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2. Matić S, Stanić S, Solujić S, Stanković N, Mladenović M, **Katanić J**, Mihailović V, Antigenotoxic and antioxidant properties of the methanolic extract obtained from the underground parts of *Gentiana cruciata*, 32nd Balkan Medical Week, 21-23 September 2012. University of Nis, Nis, Serbia.
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9. V. Mihailović, D. Mišić, **J. Katanić**, M. Mihailović, S. Solujić, V. Stanković, M. Mladenović, N. Stanković, Phytochemical profiling by UHPLC-DAD/+HESI-MS/MS analyzes and hepatoprotective activity of *Gentiana cruciata* L. against CCl₄ induced liver injury in Wistar rats, 8th International Conference of the Chemical Societies of the South-East European Countries (ICOSECS 8), 27-29 June 2013, Belgrade, Serbia, p. 220, (ISBN 978-86-7132-053-5).
10. M. Mladenović, N. Stanković, V. Mihailović, **J. Katanić**, S. Matić, S. Stanić, S. Solujić, Toxicological and receptor-based 3-D QSAR studies of in vivo anticoagulant activity of novel 3-(1-aminoethylidene)chroman-2,4-diones and 4-hydroxy-3-(1-iminoethyl)-2H-chromen-2-ones, 8th International Conference of the Chemical Societies of the South-East European Countries (ICOSECS 8), 27-29 June 2013, Belgrade, Serbia, p. 107, (ISBN 978-86-7132-053-5).
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12. **J. Katanić**, V. Mihailović, M. Koraćević-Maslak, N. Stanković, T. Boroja, M. Mladenović, Stability of dropwort root extract and its effect on lipid oxidation in meat, Zbornik radova XIX savetovanja o biotehnologiji (Agronomski fakultet, Čačak, 7-8. mart 2014.), Čačak, 2014, p. 239-244, on Serbian, (ISBN 978-86-87611-31-3).
13. T. Boroja, V. Mihailović, **J. Katanić**, N. Stanković, M. Mladenović, *Alchemilla vulgaris* L. as a potential source of natural antioxidants, Zbornik radova XIX savetovanja o biotehnologiji (Agronomski fakultet, Čačak, 7-8. mart 2014.), Čačak, 2014, p. 233-237, on Serbian, (ISBN 978-86-87611-31-3).
14. M. Koraćević-Maslak, **J. Katanić**, V. Mihailović, M. Stanković, Antioxidant activity of the methanol leaf extract of *Saxifraga rotundifolia* L. Zbornik radova XIX savetovanja o biotehnologiji (Agronomski fakultet, Čačak, 7-8. mart 2014.), Čačak, 2014, p. 341-346, on Serbian, (ISBN 978-86-87611-31-3).
15. N. Stanković, M. Mladenović, S. Matić, S. Stanić, **J. Katanić**, V. Mihailović, T. Boroja, Assessment of genotoxicity of eight novel 3-(1-aminoethylidene)chroman-2,4-diones and 4-hydroxy-3-(1-iminoethyl)-2H-chromen-2-ones, V Congress of the Serbian Genetic Society (Kladovo, Serbia, Sept. 28th-October 2nd, 2014), p. 149, (ISBN 978-86-87109-10-0).
16. N. Stanković, S. Matić, S. Stanić, M. Mladenović, **J. Katanić**, V. Mihailović, T. Boroja, *In vivo* antigenotoxic role of three selected 3-(1-aminoethylidene)chroman-2,4-diones and 4-hydroxy-3-(1-iminoethyl)-2H-chromen-2-ones on EMS-induced DNA damage in rat liver and kidneys, V Congress of the Serbian Genetic Society (Kladovo, Serbia, Sept. 28th-October 2nd, 2014), (ISBN 978-86-87109-10-0).
17. **J. Katanić**, V. Mihailović, T. Boroja, N. Stanković, M. Mladenović, Meadowsweet as underestimated food additive against lipid oxidation, XXIII Congress of Chemists and Technologists of Macedonia, Ohrid, Republic of Macedonia, 8-11 October, 2014, p. 71, (ISBN 978-9989-668-99-9).
18. T. Boroja, V. Mihailović, **J. Katanić**, N. Stanković, M. Mladenović, Phenolic profile and antioxidant activity of *Alchemilla vulgaris* L., XXIII Congress of Chemists and

Technologists of Macedonia, Ohrid, Republic of Macedonia, 8-11 October, 2014, p. 70, (ISBN 978-9989-668-99-9).

19. **J. Katanić**, S. Matić, T. Boroja, R. Ceylan, G. Zengin, A. Aktumsek, S. Stanić, V. Mihailović, Antimicrobial and antigenotoxic properties of *Digitalis lamarckii* endemic plant from Turkey, 2nd International Conference on Plant Biology, 17-20 June 2015, Petnica, Serbia, p. 105, (ISBN 978-86-912591-3-6).
20. **J. Katanić**, S. Matić, S. Stanić, M. Mladenović, N. Stanković, V. Mihailović, T. Boroja, V. Maksimović, HPLC analysis and *in vivo* assessment of the genotoxicity and antigenotoxicity of the *Filipendula ulmaria* methanolic extract, 2nd International Conference on Plant Biology, 17-20 June 2015, Petnica, Serbia, p. 105, (ISBN 978-86-912591-3-6).
21. T. Boroja, V. Mihailović, **J. Katanić**, M. Stanković, N. Stanković, M. Mladenović, Antibacterial activity of Lady's Mantle, 2nd International Conference on Plant Biology, 17-20 June 2015, Petnica, Serbia, p. 71, (ISBN 978-86-912591-3-6).
22. **J. Katanić**, V. Mihailović, S. Matić, E. M. Pferschy-Wenzig, R. Bauer, N. Stanković, T. Boroja, Nephroprotective effect of dropwort (*Filipendula hexapetala* Gilib.) on cisplatin-induced toxicity in rats, 63rd International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research, 23-27 August 2015, Budapest, Hungary, p. (ISBN).
23. **J. Katanić**, E. M. Pferschy-Wenzig, R. Bauer, V. Mihailović, Meadowsweet (*Filipendula ulmaria* (L.) Maxim.): LC-MS phenolic characterization and ameliorating effect on cisplatin-induced hepatotoxicity, 63rd International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research, 23-27 August 2015, Budapest, Hungary, p. (ISBN).
24. R. Ceylan, G. Zengin, S. Matić, **J. Katanić**, S. Stanić, A. Aktumsek, Antioxidant and antigenotoxic properties of *Digitalis ferruginea* subsp. *ferruginea* endemic plant from Turkey, 2nd International Conference on Natural Products Utilization: from Plant to Pharmacy Shelf (ICNPU 2015), 14-17 October 2015, Plovdiv, Bulgaria, Book of Abstracts, p. 129.
25. T. Boroja, V. Mihailović, **J. Katanić**, M. Mladenović, N. Stanković, *Satureja hortensis* L. as a potential antimicrobial agent, 2nd International Conference on Natural Products Utilization: from Plant to Pharmacy Shelf (ICNPU 2015), 14-17 October 2015, Plovdiv, Bulgaria, Book of Abstracts, p. 123.
26. **J. Katanić**, S. Nikles, S.-P. Pan, R. Bauer, V. Mihailović, T. Boroja, N. Stanković, M. Mladenović, Phenolic content and anti-inflammatory activity of uninvestigated *Stellaria holostea* methanolic extract, III Symposium of biologists and ecologists of Republika Srpska (SBERS 2015), 12-14. November 2015, Banja Luka, Republika Srpska, p. 115, (ISBN 978-99955-21-43-1).
27. **J. Katanić**, S. Matić, S. Stanić, M. Mladenović, N. Stanković, V. Mihailović, T. Boroja, *In vitro* protective effect of methanol extracts of *Filipendula hexapetala* and *Filipendula ulmaria* against hydroxyl radical-induced DNA damage, III Symposium of biologists and ecologists of Republika Srpska (SBERS 2015), 12-14. November 2015, Banja Luka, Republika Srpska, p. 116, (ISBN 978-99955-21-43-1).
28. V. Mihailović, M. Koraćević-Maslak, **J. Katanić**, V. Maksimović, T. Boroja, M. Mladenović, N. Stanković, Phytochemical and antimicrobial activity evaluations of *Bergenia cordifolia* root extract, III Symposium of biologists and ecologists of Republika

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