

**Dr Snežana Stanić, associated professor**  
Curriculum Vitae

Address:	University of Kragujevac
	Faculty of Science
	Department of Biology and Ecology
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**EDUCATION**

PhD in Biology	Faculty of Biology, University of Belgrade, Belgrade, 1991-1995
MSc in Biology	Faculty of Science, University of Belgrade, Belgrade, 1986-1990
BSc in Biology	Faculty of Science, University of Kragujevac, Kragujevac, 1980-1985
Languages:	Russian, English (initial)

**PROFESIONAL EMPLOYMENT**

Full professor:	-
Associated professor:	Department of Biology and Ecology, Faculty of Science, University of Kragujevac, Kragujevac, 2011-
Assistant professor:	Department of Biology and Ecology, Faculty of Science, University of Kragujevac, Kragujevac, 1996-2011
Assistant:	Department of Biology and Ecology Faculty of Science, University of Kragujevac, Kragujevac, 1986-1996
Courses that he/she taught:	Genetics, Evolutionary Biology, Bioethics
Area of research:	Genetics

**TEACHING REFERENCES**

Book: Uvod u bioetiku (Introduction to Bioethics), PMF Kragujevac, 2014
Laboratory manual: Praktikum iz genetike (Exercises of Genetics), PMF Kragujevac, 2002
Mentor work: <i>Master thesis: 5</i> <i>PhD thesis: 1</i> "The effect of methanol extract of the plant <i>Cotinus coggygia</i> Scop. on the function of the genetic material of different experimental model organisms"
Courses that teaches: Genetics (Graduate studies of Biology) Evolutionary biology (Graduate studies of Biology)

Bioethics (Undergraduate studies of Biology and Undergraduate studies of Informatics) Advanced courses in genetics (Doctoral studies of Biology) Behavioral genetics (Doctoral studies of Biology)
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## PROJECT PARTICIPATIONS

National projects: Preclinical tests of bioactive substances
International projects: -

## RESEARCH ACTIVITIES

Results of scientific research	Number
Monograph	
Chapter in monograph	1
Scientific papers published in international journals	23
Scientific papers published in national journals	16
International conference proceedings	
National conference proceedings	
Other	

## SELECTED PUBLICATIONS (10 the most important publications)

1. V. Mihailović, D. Mišić, S. Matić, M. Mihailović, S. Stanić, M. Vrvic, J. Katanić, M. Mladenović, N. Stanković, T. Boroja, M. Stanković (2015): Comparative phytochemical analysis of *Gentiana crucata* L. roots and aerial parts, and their biological activities. *Industrial Crops and Products* 73(2015): 49-62

2. N. Stanković, M. Mladenović, S. Matić, S. Stanić, V. Stanković, M. Mihailović, V. Mihailović, J. Katanić, T. Boroja, N. Vuković, S. Sukdolak (2014): Serum albumin binding analysis and toxicological screening of novel chroman-2,4-diones as oral anticoagulants. *Chemico-Biological Interactions*. DOI: 10.1016/j.cbi.2014.12.005

3. Matić S, Stanić S, Bogojević D, Vidaković M, Grdović N, Dinić S, Solujić S, Mladenović M, Stanković N, Mihailović M. (2013): Methanol extract from *Cotinus coggygia* Scop. stem and the major bioactive phytochemical constituent myricetin modulate the pyrogallol-induced DNA and liver damage. *Mutat. Res. – Gen. Tox. En.*, 755 (2), 81-89

4. Mihailović V, Matić S, Mišić D, Solujić S, Stanić S, Katanić J, Mladenović M, Stanković N (2013): Chemical composition, antioxidant and antigenotoxic activities of different fractions of *Gentiana asclepiadea* L. roots extract. *EXCLI Journal*, 12, 807-823

5. Mladenović M, Matić S, Stanić S, Solujić S, Mihailović V, Stanković N, Katanić J. (2013): 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. *Biochem. Pharmacol.*, 86, 1376–1396

6. Sanja Matić, Snežana Stanić, Slavica Solujić, Milan Mladenović & Vladimir Mihailović (2012): *In vivo* antigenotoxic potential and possible mechanism of action of selected 4-hydroxy-2H-chromen-2-one-derivates, *J. Biochem Molecular Toxicology*, Vol. 26, No 8, 322-330
7. Snežana Stanić, S. Matić, G. Đelić, M. Mihailović, D. Bogojević and S. Solujić (2011): Study of genotoxicity and antigenotoxicity of the *Cotinus coggygia* Scop. Methanol extract by *Drosophila melanogaster* sex-linked recessive lethal test, *Rusian Journal of Genetics*, Vol. 47, No 7, 874-878
8. Sanja Matić, Snežana Stanić, Desanka Bogojević, Slavica Solujić, Nevena Grdović, Melita Vidaković and Mirjana Mihailović (2011): Genotoxic potential of *Cotinus coggygia* Scop. (Anacardiaceae) stem extract *in vivo*, *Genetics and Molecular Biology*, 34, 2, 298-303
9. Slavica Solujić, Slobodan Sukdolak, Nenad Vuković, Neda Nićiforović and Stanić Snežana (2008): Chemical composition and biological activity on the acetone extract of *Ambrosia artemisifolia* L. pollen, *Journal of the Serbian Chemical Society* 73(11): 1039-1049
10. Stanić S. and S. Pavković-Lučić (2005): Mating success of *wild* type and *sepia* mutants *Drosophila melanogaster* in different choice, *Rivista di Biologia/Biology Forum*, No 98, 3, 513-524

#### MEMBERSHIPS IN NATIONAL AND INTERNATIONAL ORGANISATION

National Committee for Bioethics, SANU
Member of Serbian Genetics Society
International Forum of Teachers (IFT) of the UNESCO Chair in Bioethics