

# ***CURRICULUM VITAE***



## **I. BASIC INFORMATION**

**Surname** Marković (*ex. Nastovski*)  
**Name** Tatjana  
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## **II. ACADEMIC RECORDS**

### **Professional experience**

**1997-1998.** Federal Ministry of Agriculture, Federal Institute for Plant and Animal Genetic Resources, Belgrade, Republic of Serbia.  
**Since 1998.** Institute of Medicinal Plant Research "Dr J. Pančić", Belgrade, R. Serbia. Department for Research and Development in MAPs' Agriculture.

### **Progress in Higher Education & Professional Specialisation**

**30.01.1993.** Bachelor of Science in Agriculture (Crop Farming), Belgrade, awarded by the *University of Belgrade, Faculty of Agriculture*, Belgrade, Republic of Serbia.  
**09.12.1994.** Specialised Post-Graduate Degree in Natural Products, Paris, France, awarded by *International Centre for Advanced Mediterranean Agronomic Studies (CIHEAM)*, Paris, France, upon recommendation of the director of *Mediterranean Agronomic Institute of Chania (MAICh)*, Crete, Greece.

- 12.02.1997.** Master of Science in Natural Products, Paris, France, awarded by *International Centre for Advanced Mediterranean Agronomic Studies (CIHEAM)*, Paris, France, upon recommendation of the director of *Mediterranean Agronomic Institute of Chania (MAICh)*, Crete, Greece.
- 19.06.2006.** Ph.D. in Biotechnology, awarded by the *University of Belgrade, Faculty of Agriculture*, Belgrade, Republic of Serbia.

### **Progress in Research position**

- 15.06.2000.** Research Associate  
Institute of Medicinal Plant Research “Dr J. Pančić”, Belgrade, R. Serbia
- 31.05.2007.** Research Fellow  
Institute of Medicinal Plant Research “Dr J. Pančić”, Belgrade, R. Serbia
- 27.06.2012.** Senior Research Fellow  
Institute of Medicinal Plant Research “Dr J. Pančić”, Belgrade, R. Serbia

### **Current duties**

- Since 2009.** Head of Department for R&D in MAPs’ Agriculture,  
Institute of Medicinal Plant Research “Dr Josif Pančić”, Belgrade, Republic of Serbia.
- Since 2009.** Editor in Chief of the National Scientific Journal “Lekovite sirovine”, in edition of the  
Institute of Medicinal Plant Research “Dr Josif Pančić”, Belgrade, Republic of Serbia.
- Since 2010.** Vice president of the Scientific Council - I mandate.  
Institute for Medicinal Plant Research “dr Josif Pančić”, Belgrade, Republic of Serbia.
- Since 2014.** Member of the Governing board - I mandate.  
Institute for Medicinal Plant Research “dr Josif Pančić”, Belgrade, Republic of Serbia.

### **Main research areas**

- Medicinal and aromatic plants cultivation (organic and conventional).
- Secondary metabolites isolation, characterisation and application.

### **Key research qualifications**

Knowledge and experience in following research areas:

- Isolation and GC/MS characterisation of MAP secondary metabolites (essential oils);
- Investigation on biological activities of essential oils and their safe application;
- Introduction into culture and cultivation of mountaneous maps;
- Organic cultivation of MAPs;
- Computer applications (Word, Excel, Power Point, Photoshop, Amdis)

### **Current research interests**

- Essential oil isolation and GC/MS characterisation;
- Investigation on biological activities of essential oils and their safe application;
- Long-scale cultivation of Yellow gentian (*Gentiana lutea*).

## Current engagement in national scientific projects

- 2011 – 2015.** Senior Research Fellow  
Project III 46008, financed by Ministry of Education & Science of Republic of Serbia, Program: Integral Research  
Project title: *“Development of integrated management system for harmful organisms in order to overcome resistance and improve food quality and safety”*  
Project leader: Obradović A.
- 2011 – 2015.** Senior Research Fellow  
Project OI 173032, financed by Ministry of Education & Science of Republic of Serbia, Program: Basic Research  
Project title: *“Characterization and application of fungal metabolites, and identification of potentially new biofungicides”*  
Project leader: Vukojević J.
- Since 2012.** Senior Research Fellow  
Project IP-31, financed by the Institute for Medicinal Plant Research “Dr. J. Pančić”, Belgrade, Serbia. Program: Internal R&D project  
Project title: *“Production and disposal of the compost from residual MAP parts, by-products of cultivation and processing of medicinal herbs”*  
Project leader: Filipović V.
- Since 2014.** Senior Research Fellow  
Project IP-32, financed by the Institute for Medicinal Plant Research “Dr. J. Pančić”, Belgrade, Serbia. Program: Internal R&D project  
Project title: *“Investigation on causes of German chamomile cv. Banatska flowers deformation (Chamomillae flos), cultivated in Institute production fields”*  
Project leader: Radanović D.

## Engagements in already completed Scientific Project (last ten year period)

- 2002 – 2005.** Research Associate  
Project BTR 5020519A, financed by Ministry of Science and Technology of Republic of Serbia, Program: Technology Development  
Project title: *“Control of bioagents in medicinal plants”*  
Project leader: Kostić M.
- 2002 – 2005.** Research Associate  
Project BTN 2390724B, financed by Ministry of Science and Technology of Republic of Serbia, Program: National program of Biotechnology and Agroindustry  
Project title: *“Standardized dry extract of St. John’s Wort with an increased hypericin content”*  
Project leader: Radanović D.
- 2003 – 2005.** Project leader  
Project IP-02.02.21, financed by the Institute for Medicinal Plant Research “Dr. J. Pančić”, Belgrade, Serbia. Program: Internal R&D project  
Project title: *“Testing of growing possibilities and introduction into culture Tanacetum parthenium and Tanacetum larvatum, as biological sources of parthenolide for production of phytopreparation that belongs to the group of antimigranics”.*

- 2005 – 2007.** Leader of Serbian Research Team  
International cooperation project financed by Ministry of Science and Technology of Republic of Serbia. Program: Bilateral science and technology cooperation between Serbia and Greece.  
Project title: *"Comparative investigation of methods and techniques of organic MAP production in Greece and Serbia, aim to optimisation of biologically active compounds and/or essential oils"*
- 2005 – 2008.** Research Fellow  
Project BTN 321003B, financed by Ministry of Science and Technology of Republic of Serbia, Program: National program of Biotechnology and Agroindustry.  
Project title: *"Standardized liquid extract of cultivated Yellow Gentian root (Extractum Gentianae) and Arnica flower (Extractum Arnicae) for application in pharmaceutical, food and cosmetic industries"*  
Project leader: Radanović D.
- 2007 – 2009.** Project leader  
Project IP-02.02.15, financed by the Institute for Medicinal Plant Research "Dr. J. Pančić", Belgrade, R. of Serbia. Program: Internal R&D project.  
Project title: *"Testing of possibilities to grow some Sideritis species in Serbia"*
- 2008 – 2011.** Research Fellow  
Project TR 20108, financed by Ministry of Science and Technology of Republic of Serbia. Program: Technology Development.  
Project title: *"Wild and cultivated herbs of Serbian biozones in terms of sustainable development of mountainous regions - Part I"*  
Project leader: Menković N.
- 2010 – 2012.** Senior Research Fellow  
SEERA.NET Plus Joint European Research Project (ERA-135), financed by European Commission and the contributions of participating countries (carriers of research and development), in the frame of Joint European Research Project (JERP).  
Project title: *"Conservation and Sustainable Exploitation of indigenous Medicinal and Aromatic plants traditionally used in the SEE, WB countries. A model approach for Sideritis spp. (Mountain tea)"*  
Project leader: Chatzopoulou P.

### III. ADDITIONAL ACADEMIC RECORDS

#### Language skills

- Fluent in English and Greek;
- Basic in German, Portuguese and Spanish.

#### Membership in scientific and professional associations

- Since 2000.** AMAPSEEC (Association for Aromatic and Medicinal Plants of South-East European Countries)
- Since 2012.** ESCORENA Network - MAP Working group (European System of Cooperative Research Network in Agriculture) - the FAO Regional Office for Europe.
- 16-18.12.2004** ECP/GR, MAP Working Group, Strumica, F.Y.R.O.M. (second meeting)
- 15.12.2004.** SEED Net, MAP Working Group, Strumica, F.Y.R.O.M. (first meeting)

## Other professional engagements

- Since 2003.** R&D for the Production Sector – MAP Agriculture, Institute for Medicinal Plant Research “Dr Josif Pančić”, Belgrade, R.Serbia.
- 2007 - 2012.** Participant in the project  
Researcher upon agreement between Institute for Medicinal Plant Research, National Park “Tara” and Institute for Nature Protection of Serbia:  
Project title: “*Long-scale cultivation and reintroduction of Yellow Gentian (G. lutea) in Serbia*”
- 2010 - 2011.** Participant in the project  
Project “STAR” no. AAP047, financed by the Ministry of Agriculture of Republic of Serbia and the World Bank.  
Project title: "Possibilities of integrated medicinal and aromatic plants production in the region of Stara mountain and other rural, mountainous biozones of Serbia aiming to diversification of rural households "  
Project leader: Kostić M.

## IV. SCIENTIFIC PUBLICATIONS (last 10 year period)

### International Scientific Journals (*SCI list*)

- Radanović D., Nastovski T., Pljevljakušić D. (2005): “Comparative investigation of *Hypericum perforatum* L. populations in Serbia”, *Acta fytotechnica et zootechnica*, vol. 8 (4): 107-112.
- Ristić M., Krivokuća-Đokić D., Radanović D., Nastovski T. (2007): Essential oil of *Arnica montana* and *Arnica chamissonis*, *Hemijaska industrija*, vol. 61(5): 272-277.
- Dajic Stevanovic Z., Nastovski T., Ristic M., Radanovic D. (2009): “Variability of Essential Oil Composition of Cultivated Feverfew (*Tanacetum parthenium* (L.) Schultz Bip.) Populations”, *Journal of Essential Oil Research*, vol. 21, July/August: 292-294.
- Chatzopoulou P., Marković T., Radanovic D., Koutsos T., Katsiotis S. (2009): “Hypericin content and essential oil composition of a Serbian *H. perforatum* local population cultivated in different ecological conditions”, *Journal of Essential Oil Bearing Plants*, vol. 12, (6): 666-673.
- Marković T., Chatzopoulou P., Šiljegović J., Nikolić M., Glamočlija J., Ćirić A., Soković M (2011): “Chemical analysis and antimicrobial activities of the essential oils of *Satureja thymbra* L. and *Thymbra spicata* L. and their main components“, *Archives of Biological Sciences*, vol. 63(2):457-64.
- Todorović G., Živanović T., Jevdović R., Kostić M., Đorđević R., Zečević B., Marković T. (2011): “The mode of inheritance of grain yield in two single-cross maize (*Zea mays* L.) hybrids”, *Romanian Agricultural Research*, vol. 28: 71–77.
- Nikolić M., Marković T., Marković D., Perić T., Glamočlija J., Stojković D., Soković M. (2012): “Screening of antimicrobial and antioxidant activity of commercial *Melaleuca alternifolia* (tea tree) essential oils”, *Journal of Medicinal Plants Research*, vol. 6 (22): 3852-3858.
- Nikolić M., Marković T., Mojović M., Pejin B., Savić A., Perić T., Marković D., Stević T., Soković M. (2013): “Chemical composition and biological activity of *Gaultheria procumbens* L. essential oil“, *Industrial Crops and Products*, vol. 49:561-567.
- Nikolić M., Glamočlija J., Ferreira C.F.R.I., Calhelha C.R., Fernandes A., Marković T., Marković D., Giweli A., Soković M. (2014): “Chemical composition, antimicrobial, antioxidant and antitumoractivity of *Thymus serpyllum* L., *Thymus algeriensis* Boiss. & Reut and *Thymus vulgaris* L. essential oils”, *Industrial Crops and Products*, vol. 53: 183-190.

- Radanović D., Marković T., Aiello N., Fusani P. (2014) : “Cultivation trials on *Gentiana lutea* L. in Southern and South-eastern Europe”, *Journal of Applied Research on Medicinal and Aromatic Plants*, vol.1(4):113-122. [doi:10.1016/j.jarmap.2014.10.004](https://doi.org/10.1016/j.jarmap.2014.10.004)
- Nikolić M., Jovanović K., Marković T., Marković D., Gligorijević N., Radulović S., Sokovića M. (2014): “Study on chemical composition, antimicrobial and cytotoxic properties of five *Lamiaceae* essential oils”, *Industrial Crops and Products*, vol 61:225-232.
- Kumar V., Dey A., Hadimani M.B., Marković T., Emerald M. (2015): “Chemistry and pharmacology of *Withania somnifera*: An update“, *Tang (Humanitas medicine)*, vol. 5(1): 1-13.
- Nikolić M., Stojković D., Glamočlija J., Čirić A., Marković T., Smiljković M., Soković M. (2015): “Could essential oils of green and black pepper be used as food preservatives?”, *Journal of Food Science and Technology, Mysore*. [doi 10.1007/s13197-015-1792-5](https://doi.org/10.1007/s13197-015-1792-5)
- Duduk N., Marković T., Vasić M., Duduk B., Vico I., Obradović A. (2015): “Antifungal activity of three essential oils against *Colletotrichum acutatum*, the causal agent of strawberry anthracnose”, *Journal of Essential oil Bearing Plants*, [doi.org/10.1080/0972060X.2015.1004120](https://doi.org/10.1080/0972060X.2015.1004120)
- Nikolić M., Marković T., Glamočlija J., Perić T., Marković D., Čirić A., Soković M. (2015): “Sensitivity of clinical isolates of *Candida* to essential oils from *Burseraceae* family”, *EXCLI Journal* (accepted 13.12.2014)
- Filipović V., Ugrenović V., Radanović D., Marković T., Popović V., Bojović R., Mickovski Stefanović V. (2015): “Productivity and tubers quality of *Helianthus tuberosus* L. cultivated on different soil types in Serbia”, *Romanian Biotechnological Letters*, (accepted in 2015)

#### **International Conferences (full papers in proceedings)**

- Nastovski T., Chatzopoulou, P., Radanović D., Koutsos, T. (2006): “Comparative investigation of organic Chamomile production in different agro-ecological regions of Greece and Serbia“, IV Conference of MAPSEEC, 28-31, May, 2006., Iasi, Romania, Proceedings, pp.183-187.
- Radanović, D., Antić-Mladenović, S., Sekulić, P., Nastovski, T. (2006): „Influence of soil characteristics and nutrient supply on medicinal and aromatic plants“, III Conference of Medicinal and Aromatic Plants of Southeast European Countries, Nitra, Slovak Republic, Proceedings, pg. 20-28.
- Radanović, D., Nastovski, T., Pljevljakušić D., Jevđović R. (2006): “Growing results of some MAP species at mountaneous region of Serbia”, III Conference of Medicinal and Aromatic Plants of Southeast European Countries, Nitra, Slovak Republic, Proceedings, pg. 84 - 93.
- Nastovski, T., Radanović, D., Dajić Z. (2006): “Nursery plants production of Feverfew – *Tanacetum parthenium* (L.) Schultz – Bip. (Asteraceae)”, III Conference of Medicinal and Aromatic Plants of Southeast European Countries, Nitra, Slovak Republic, Proceedings, pg. 128-131.
- Radanović D., Marković T., Janković T. (2007): “Morphological and chemical parameters of importance for cultivation of *Gentiana lutea* L. in mountain region of Serbia”, First International Scientific Conference on Medicinal, Aromatic and Spice Plants, Nitra, Slovak Republic, Book of Scientific Papers, pg. 28 – 32.
- Radanović D., Marković T., Antić – Mladenović S., Pljevljakušić D., Ristić M., Krivokuća Đokić D. (2007): “Yield and quality of *Arnica* (*Arnica montana* and *Arnica chamissonis* var. *foliosa*) cultivated in Serbia”, First International Scientific Conference on Medicinal, Aromatic and Spice Plants, Nitra, Slovak Republic, Book of Scientific Papers, pg. 157 – 161.
- Turudija Živanović S., Marković T., Živanović T. (2011): Potentials of mountainous region of Serbia for MAP sector development. International Scientific Meeting: Multifunctional Agriculture and Rural Development (V), Banja Vrujci, Serbia, *Economics of Agriculture, Special Issue 2*, pp. 204-210.
- Jevđović D. R., Todorović N. G., Marković Lj. T., Kostić B. M., Sivčev L. I., Stanković R. S. (2012): „Effect of fertilization on yield, seed quality and content of essential oil of Anise (*Pimpinella*

- anisum* L.) and Dill (*Anethum graveolens* L.), VII CMAPSEEC, 27-31, May, 2012. Subotica, Serbia. Proceedings, pg. 428-434.
- Kostić B. M., Kostić M. I., Marković Lj. T., Jevdjović D. R., Stanković R. S., Todorović N. G., Nedić M. N. (2012): „Disruption of attractant properties of potato foliage on *Leptinotarsa decemlineata* Say bz the use of *Salvia officinalis* essential oil“, VII CMAPSEEC, 27-31, May, 2012. Subotica, Serbia. Proceedings, pg. 351-356.
- Nedić M.N, Andrić G.G., Kostić R.M, Marković Lj.T., Kljajić J. P., Stanković R. S., Marković I. M. (2012); “Tolerance of honey bees on three commercial essential oils“, VII CMAPSEEC, 27-31, May, 2012. Subotica, Serbia. Proceedings, pg. 362-369.
- Radanović S. D., Antić-Mladenović B. S., Marković Lj.T., Sekulić Đ. P., Ninkov, M. J. (2012): “Yield and mineral content of Yellow Gentian root (*Gentiana lutea* L.) grown on black water-permeable foil in organic and mineral model of fertilization”, VII CMAPSEEC, 27-31, May, 2012. Subotica, Serbia. Proceedings, pg. 291-298.
- Sivčev I., Tomašev I., Marković T., Kostić M., Sivčev L., Graora D. (2012): Potential of traps baited with aggregation attractant of the sugar-beet weevil. International Symposium on Current Trends in Plant Protection Belgrade, Serbia, Proceedings pg. 516-519.
- Nedić, N., Kostić, M., Marković, T., Marković, M., Plavša, N., Maksimović, R. (2013): “Tolerance of honey bees on winter savory (*Satureja montana*) and sage (*Salvia officinalis*) essential oils”. *The 23<sup>rd</sup> International Symposium „New technologies in contemporary animal production”*, June 19-21, 2013, Novi Sad, Serbia. Proceedings, pg. 262-265.
- Filipovic, V., Dimitrijevic, S., Markovic, T., Radanovic, D. (2013): Construction of composter on production and processing unit of the institute for medicinal plant research “dr Josif Pančić”. *XIII Congress of Serbian soil science society and First international “Soil – water – plant”*. Serbian Soil Science Society and Institute of Soil Science, Belgrade. Belgrade, 23-26 September 2013. UDC 631.17: 631.86. Proceedings, pg. 373–382.
- Nedić N., Kostić M., Marković T., Marković M., Jevtić G., Anđelković B. (2014): “Insecticidal activity of sage (*Salvia officinalis*) essential oil to *Varroa destructor* (Acari: Varroidae) and *Apis mellifera* (Hymenoptera: Apidae)”. *The II International Symposium on Animal Science, September 23-25th, 2014*. Faculty of Agriculture, University of Belgrade, Belgrade, Serbia. ISBN 978-86-7834-199-1, COBISS.SR-ID 209934604. Proceedings,pg 472-478.
- Filipović, V., Ugrenović, V., Popović, V., Marković T., Glamočlija, Đ., Miletić A., Jugović, M. (2014): “Primary active seed substances from medicinal plants as a possible supplement to livestock nutrition”. *The Second International Symposium on Animal Science, September 23-25th, 2014*. Faculty of Agriculture, University of Belgrade, Belgrade, Serbia. ISBN 978-86-7834-199-1, COBISS.SR-ID 209934604. Proceedings, pg. 272-277.
- Filipović, V., Ugrenović, V., Popović, V., Marković T., Radanović, D., Glamočlija, Đ., Protić, R. (2014): “Protein and oil content of different age seeds of some herb spices”. *II International congress “Food Technology, Quality and Safety” and XVI International Symposium “Feed Technology”*, 28-30<sup>th</sup> October, 2014. Institute of Food Technology, Novi Sad, Serbia. ISBN 978-86-7994-043-8, COBISS.SR-ID 290521607. Proceedings, pg. 315- 318.

### National Scientific Journals

- Radanović D, Pljevljakušić D., Nastovski T., Ristić M. (2007): "Influence of fertilization model and PE mulch on yield and quality of Arnica (*A. montana*) at dystic cambisol", *Acta biologica Iugoslavica - serija A: Zemljište i biljke*, vol. 56 (3): 85 – 95.
- Marković D., Mirković B., Jovanović T., Knežević A., Nastovski T. (2007): "Application of tea tree essential oil in dentistry" *Stomatološki glasnik Srbije*, Beograd, vol. 54(2):106-114.
- Marković T., Radanović D., Antić-Mladenović S., Sekulić P., Maksimović S. (2008): "The content of heavy metals in different populations of *Tanacetum parthenium* plants grown on

- chernozem" *Acta biologica Iugoslavica - serija A: Zemljište i biljke*, vol. 57 (1): 7-18.
- Marković T. (2008): "Cultivation of medicinal plants in the mountain agro-ecological conditions of Serbia with respect to the principles of organic agriculture. Development directions and our strengths", *Lekovite sirovine*, XXVIII, no. 28: 1-27.
- Jevdović R., Filipović V., Todorović G., Dimitrijević S., Marković T. (2012): „Imapct of spacing and soil types on yield of the aboveground biomass of Bigroot geranium (*Geranium macrorrhizum* L.)“, *Lekovite sirovine* XXXII, no. 32: 59-64.
- Filipović V., Jevdović R., Dimitrijević S., Marković T., Grbić J. (2012): „Influece of application of organic mulches on agro-physical characteristics and yield of carrot root“, *Lekovite sirovine* XXXII, no. 32: 37-46.
- Duduk N., Vasić M., Vico, I., Duduk B., Marković, T. (2013): “Glucosinolates – plant derived antifungal compounds“ *Biljni lekar*, vol. 41(3): 362-369.
- Bošković M, Baltić M., Janjić J., Dokmanović M., Ivanović J., Marković T., Marković R. (2013): „Antimicrobial activity of essential oils on *Sallmonela* spp. in meat and meat products“. *Lekovite sirovine* XXXIII, no. 33: 39-52.
- Nikolić M., Glamočlija J., Ćirić A., Marković T., Marković D., Perić T., Soković M. (2013): „Chemical composition and antimicrobial activity of peppermint essential oil (*Mentha piperita* L.)“, *Lekovite sirovine* XXXIII, no. 33: 63-72.
- Filipović V., Popović V., Glamočlija Dj., Marković T., Radanović D., Ugrenović V., Mickovski Stefanović V. (2013): „Seed quality and swelling index of marshmallow (*Althaea officinalis* L.), linseed (*Linum usitatissimum* L.) and fenugreek (*Trigonella foenum graecum* L.) seeds“. *Lekovite sirovine* XXXIII, no. 33: 83-93.
- Dorđević S., Marković T., Vrbničanin S., Božić D. (2013): „Effect of essential oils on seeds of the weed species *Ambrosia artemisiifolia* L.“, *Lekovite sirovine* XXXIII, no. 33: 95-106.
- Radanović D., Marković T., Antić-Mladenović S. (2013): „Production of Yellow gentian (*Gentiana lutea* L.) nursery plants suitable for transplanting and cultivation under dry farming conditions in mountain region of Serbia“. *Ratarstvo i povrtarstvo*, vol. 52(3): 13-21. [doi:10.5937/ratpov50-4635](https://doi.org/10.5937/ratpov50-4635)
- Matković A., Vrbničanin S., Marković T., Božić D. (2014): “Weeds study experimental methods applicable in cultivation of medicinal plants“, *Lekovite sirovine* XXXIV, br. 34: 29-44.
- Filipović V., Popović V., Aćimović M., Marković T., Protić R., Ugrenović V., Sikora V. (2014): “*Origanum heracleoticum* L. and *Origanum vulgare* L. seeds germination stimulators“, *Lekovite sirovine* XXXIV, br. 34: 81-92.

### National Conferences (full papers in proceedigs)

- Živanović-Turudija S., Živanović T., Marković T. (2011): Education of participants in MAP sector with an aim to improve market competitiveness and rural development in Serbia. The 113<sup>th</sup> EAAE Seminar – The Role of Knowledge, Innovation and Human Capital in Multifunctional Agriculture and territorial Rural Development, Belgrade, Serbia, *Economics of Agriculture, Special Issue 1*, pp. 271-279.

### National scientific books

#### a) Author

- Marković T. (2011): "Essential oils and their safe use", published by the Institute of Medicinal Plant Research "Dr Josif Pančić", Belgrade, pg 1-289. (ISBN 978-86-83141-14-2).



**b) Editor**

Radanović D., Nastovski T., Menković N. (Eds.). "St. John's Wort (*Hypericum perforatum* L.)" and other species of genus *Hypericum*", published by the Institute of Medicinal Plant Research "Dr Josif Pančić", Belgrade, 2006., pg 1–134. (ISBN 86-83141-08-X)

**c) Chapter in book**

Radanović D. and Nastovski T.: "Medicinal and aromatic plants, and wild fruits in organic production systems" *In*: Babović J., Lazic B., Malešević M., Gajic Ž.: "Agribusiness in organic food production", published by the Research Institute of Field and Vegetable Crops, Novi Sad, 2005.

Radanović D., Nastovski T., Maksimović S.: "Technology of St. John's wort cultivation (*Hypericum perforatum* L.)", *In*: Radanovic, D., Nastovski, T., Menković "St. John's Wort (*Hypericum perforatum* L.) and other species of genus *Hypericum*", published by the Institute of Medicinal Plant Research "Dr Josif Pančić", Belgrade, 2006. (ISBN 86-83141-08-X)

Ivanović M., Duduk, B., Nastovski T.: "Diseases of St. John's wort and their control" *In*: Radanovic, D., Nastovski, T., Menković "St. John's Wort (*Hypericum perforatum* L.) and other species of genus *Hypericum*", published by the Institute of Medicinal Plant Research "Dr Josif Pančić", Belgrade, 2006. (ISBN 86-83141-08-X)

Radanović D. and Nastovski T.: "Medicinal, aromatic plants and wild fruits in organic production", *In*: Babović J and Lazic B "Organic Farming", Vol. II, published by the Research Institute of Field and Vegetable Crops, Novi Sad, 2008. (ISBN 978-86-80417-15-8)

**Technical solutions and patents (verified at national level)**

**a) New products (introduced in production)**

Authors: Samardžić Z., Bigović D., Marković T., Radanović D. (2008):

Title: "Standardized ethanolic extract of the roots of cultivated Yellow Gentian 1: 4."

Result of the project BTN 321003B: „Standardizovani tečni ekstrakt korena gajene lincure (*Exrtactum Gentianae*) i cveta gajene arnike (*Extractum Arnicae*) za primenu u farmaceutske, prehrambene i kozmetičke industrije“

Project period: 2005-2008.

Project leader: Radanović D.

Authors: Samardžić Z., Bigović D., Marković T., Radanović D. (2008):

Title: „Standardized ethanolic extract of cultivated Arnica flowers 1 : 2“.

Result of the project BTN 321003B: „Standardizovani tečni ekstrakt korena gajene lincure (*Exrtactum Gentianae*) i cveta gajene arnike (*Extractum Arnicae*) za primenu u farmaceutske, prehrambene i kozmetičke industrije“

Project period: 2005-2008.

Project leader: Radanović D.

**b) Improved existing technology (introduced in production)**

Authors: Kostić M., Nastovski T. (2004):

Title: „Significantly improved quality of *Tanacetum parthenium* (L.) Schultz-Bip (Feverfew) with increased parthenolide content and improved protection within the cultivation technology of this plant species“,

Result of the project BTR.5.02.0519A: "Control of bioagents in medicinal plants".  
Project period: 2002-2005.  
Project leader: Kostić M.

Authors: Radanović D., Marković T., Spasojević B. (2007):

Title: „Non-hormonal procedure of production of Yellow Gentian (*Gentiana lutea* L.) nursery plants in open seedbeds“.

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Project leader: Menković N.

## V. PROFESSIONAL PUBLICATIONS

### Books, manuals and other professional publications (in Serbian)

#### a) Author

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