

## PERSONAL INFORMATION

## Ines Banjari

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 Skype: inesbanjari

Sex Female | Date of birth 10/12/1982 | Citizenship Croatian | Nationality Hungarian

## WORK EXPERIENCE

## June 2018 - Associate professor

University of Osijek, Faculty of Food Technology Osijek

Hold and assist in number of courses in the field of nutrition on undergraduate study Food technology and graduate study Food science and nutrition, postgraduate specialist study Nutrition and postgraduate study Food technology and nutrition at the Faculty of Food Technology Osijek

Business or sector Higher education

## December 2015 – Guest Assistant professor

University of Tuzla, Faculty of Technology, Bosnia and Herzegovina

Lectures on the course Balanced Nutrition on postgraduate study Nutrition.

Business or sector Higher education

## June 2013 – June 2018 Assistant professor

University of Osijek, Faculty of Food Technology Osijek

Hold and assist in number of courses in the field of nutrition on undergraduate study Food technology and graduate study Food science and nutrition, and postgraduate specialist study Nutrition at the Faculty of Food Technology Osijek

Business or sector Higher education

## December 2012 – June 2013 Senior teaching assistant

University of Osijek, Faculty of Food Technology Osijek, Department of Food and Nutrition Research

Assistant on number of courses from the field of nutrition and food quality control; students' laboratory practice and seminars

Business or sector Higher education

## December 2006–December 2012 Young scientist and teaching assistant

University of Osijek, Faculty of Food Technology Osijek, Department of Food and Nutrition Research

In charge of students' laboratory practice and seminars

Business or sector Higher education

## EDUCATION AND TRAINING

## 20 July – 19 August 2019 Guest researcher (Erasmus+ K2 mobility fellowship)

Jagiellonian University Medical College, Krakow, Poland

- Specialization in the field of meta-analysis and systematic review methodology, working on the project related to colorectal cancer (prof. Malgorzata Bala)

## 11 – 14 June 2019 Statistics Course (Practical Statistics for Medical Research)

University College London, London, UK

## 1 August – 1 October 2017 Guest researcher

University of Oslo, Faculty of Medicine, Institute of Basic Medical Sciences

- Working with the Nutritional Epidemiology Research Group (prof. Anette Hjartáker), specifically focused on relation between nutrition and various cancers as well as on data for the EPIC study

## 18 July – 1 August 2016 Guest researcher

University of Split, School of Medicine, Split, Croatia

- Specialization in the field of meta-analysis and systematic reviews, working with the Cochrane group on the project "Effectiveness of beta-glucan"

## 1 – 30 April 2016 Guest researcher

15 July 2013 – 15 February 2014

University of Belgrade, School of Medicine, Belgrade, Serbia

- Specialization in the field of biostatistics

**Postdoctoral specialization**

Risk Factor Modification Centre, St. Michael's Hospital, Medical faculty, University of Toronto, Toronto, Canada

- Specialization in the field of controlled clinical trials

From 2007 to 2012

15 November 2012

**Doctor of Philosophy (Ph.D.) in the field of nutrition**

University of Zagreb, Faculty of Food Technology and Biotechnology Zagreb, Croatia

- Thesis title: Dietary intake and nutritional status and incidence of anaemia in pregnancy

From 2001 to 2006

**B.Sc. of food technology and process engineering**

University of Osijek, Faculty of Food Technology Osijek, Croatia

- Thesis title: Dimensions of guard cells in some species of genus *Solanum* sp.

**PERSONAL SKILLS****Mother tongue**

Croatian

*Note: Uses equally Latin and Cyrillic Alphabet.***Other language**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Spanish	A2	A2	A2	A2	A2
Norwegian	A2	B1	A2	A2	B1
German	A2	B1	A2	A2	B1

Replace with name of language certificate. Enter level if known.

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
Common European Framework of Reference for Languages**Communication skills**

- Good communication skills gained through working experience as teaching assistant, i.e. assistant professor and a number of trainings on soft-skills, cooperation with a number of scientist from Croatia and around the world (USA, Canada, Spain, Italy, Montenegro, etc.), organization of international scientific conferences, collaboration on various scientific and professional projects and public promotion of science

**Organisational / managerial skills**

- **Head of Department of Food and Nutrition Research** (since December 1, 2018)
- Member of the Ethical committee for scientific research (since February 2018)
- **The Association of Schools of Public Health in the European Region (ASPHER) Public Health Nutrition Core Competences Expert Group** (since March 2017)
- **Head of Sub-Department of Nutrition** (since 2014)
- Vice president of the Committee for postgraduate specialist study Nutrition at the Faculty of Food Technology Osijek (since 2014)
- Member of the Committee for the promotion of the Faculty of Food Technology Osijek (since 2012)
- President of the Committee for the revision of the faculty's library database (since 2014)
- Member of the Board for publishing of the Faculty of Food Technology Osijek (since 2015)
- Member of the Committee for teaching material assessment for scientific-teaching promotion for staff at the Faculty of Food Technology Osijek (since 2016)
- Member of the expert work group for development and application of national food composition database of the Croatian Food Agency (since 2014)
- Member of the expert work group for the research on dietary habits of children of the Croatian Food Agency (since 2014)
- Member of the Ethical committee for research involving humans (since 2014)
- President of the Independent Union of Research and Higher Education subsidiary at the Faculty of Food Technology Osijek (2013 – 2017)
- Editorial board member at the International Journal of Healthcare Sciences, Research Publish Journals (since 2013)
- Editorial board member of journal Food in Health and Disease: Scientific-professional journal of nutrition and dietetics published by the Faculty of Pharmacy, University of Tuzla, BiH (since December 2015)
- Volunteer in public promotion of science through projects Science festival and the Children's week (have held a number of workshops and educational lectures for wider public, mostly children) (each year since 2007)
- Co-founder of Osijek's cycling club "Osijek 2010"

- Job-related skills**
- Experience in leading and coordination of smaller teams (up to 10 people)
  - Experience in organization of international meetings/workshops
  - Good command of quality control analysis of honey (member of the research team involved in honey quality analysis on a national level, Days of honey organized by the Croatian chamber of economy Osijek, each year since 2007) and other analysis related to food quality (analytical methods)
  - Good command on statistical analysis for research set-up (randomization, number of participants, etc.) and final outcomes analysis for epidemiological, observational, parallel, randomized controlled clinical studies etc.
  - Good command of glycaemic index method (clinical nutrition)
- Computer skills**
- Good command of Microsoft Office™ tools, Corel, Statistica, SPSS, and open source programs for textual, numerical and web documents (favour of Google open source programs)
- Driving licence**
- Yes, B category

**ADDITIONAL INFORMATION**

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## Fields of personal scientific and professional interest

Clinical nutrition, nutrition and pregnancy with emphasis on foetal programming, iron deficiency and anaemia and impact on health, bioavailability, epidemiological studies and studies in the field of public health, health system economics, social inequality and impact on human health, nutrition and cancer, herbal remedies (i.e. medical plants), human physiology, glycaemic index (cooperation with industry in the field of development of new products), Mediterranean diet.

## Publications

- The list of publications: <http://bib.irb.hr/lista-radova?autor=291266>
- **Book editor:** *Defence against Bioterrorism: Methods for Prevention and Control*. Editors: Radosavljevic, V.; Banjari, I., Belojevic, G. Springer (The NATO Science for Peace and Security Series - A: Chemistry and Biology), publication due in March 2018.
- **Book chapter:** Banjari, I. *Food and Bioterrorism – The Case of Airline Catering*. In: Radosavljevic V et al. (ed.) *Defence against Bioterrorism: Methods for Prevention and Control*. Springer, March 2018.
- **Book chapter:** Banjari, I. *Iron Deficiency Anemia and Pregnancy*. Chapter 4, pp. 73-90. In: Khan, J. (ed.) *Current Topics in Anemia*. InTech, Rijeka, 2018.
- **Book chapter:** Banjari, I. *Nutrition before and after bariatric surgery*. Chapter 18, pp. 203-210. In: Bekavac Bešlin, M., Pašić, F., et al. *Surgery for obesity and related diseases*. Zagreb's Institute for the Culture of health, Zagreb, 2017.
- Co-author of monograph „100 (and few more) scratch from Science of Nutrition“ published by the Croatian Society of Food Technologists, Biotechnologists and Nutritionist, Zagreb, Croatia, 2013; *Diet therapy of anaemia*
- Author and co-author of several laboratory manuals for students of the Faculty of Food Technology Osijek (total 4)
- Reviewer of two university books (Clinical nutrition and Biology) published by the Faculty of Food Technology Osijek (2014), and “Chemistry and technology of dietetic supplements – Practicum” published by the University of Novi Sad, Faculty of Technical Sciences, Serbia (2017)

## Projects

## National scientific projects

- *Application of innovative techniques of the extraction of bioactive components from by-products of plant origin* (ByProExtract), financed by the Croatian Science Foundation, led by Stela Jokić, PhD, Assoc. Prof., from 2018 to 2023 (team member)
- *Nutrition and lifestyle habits in health preservation* (project no. 113-0000000-0548) financed by the Croatian Ministry of Science, Education and Sport, led by Milena L. Mandić, PhD, Prof., from 2007 to 2013 (PhD student)

## Bilateral scientific projects (PI)

- Project with Montenegro for 2015 – 2016 *Comparative study on the impact of poverty on underweight and obesity, and dietary and lifestyle habits among schoolchildren in the cities of Podgorica and Osijek* led by Ines Banjari, PhD, Assist. Prof.

## Director of international research workshop

- NATO Advanced Research Workshop „*Defence against Bioterrorism: Method for Prevention and Control*“; financed by NATO Science for Peace & Security Programme (SPS), Emerging Security Challenges Division (ESC), SPS grant number ARW 985219, director Ines Banjari, PhD; Assist. Prof., Faculty of Food Technology Osijek, 2016-2017.

## International project (collaborator)

- The effect evaluation of rehabilitation program combining hydro aroma therapy, meditation and physical therapy in inflammatory rheumatic diseases (BEPMARK) led by Institute for Physical Medicine and Rehabilitation „dr Simo Milosevic“ Igalo, Montenegro and Faculty of Medicine, University of Montenegro. January 2018 – January 2020.
- EU Menu project financed by EFSA-e, led by Darja Sokolić, PhD Croatian Food Agency January 2017 – July 2020.

## Professional projects

- The Improvement of higher education curriculum according to Croatian Qualification Frame principles project, sponsored by European social fund, 2015-2016.
- *Development of the national food composition database* led by Daniela Čačić Kenjerić, PhD, Prof., sponsored by the Croatian Food Agency, 2015.
- *Development of dietetic tool for the dietary assessment of infants and small children* led by Ivana Rumbak, PhD, Assist. Prof., sponsored by the Croatian Food Agency, 2015.
- Project for development and implementation of analytical methods of economy interest *Potential of glycaemic index in food industry* led by Ines Banjari, PhD, Assist. Prof., sponsored by the Faculty of Food Technology Osijek, 2014
- *Exposure of population in Croatia to free and masked form of deoxynivalenol* led by Tomislav Klačec, PhD, full professor, sponsored by the Croatian food agency, 2014
- *Determination of mycotoxines and their metabolites in urine samples of pregnant women* led by Tomislav Klačec, PhD, full professor, sponsored by the Croatian food agency, 2012
- *Development of a questionnaire to estimate nutritional habits in Croatia* led by Milena L. Mandić, PhD, full professor, sponsored by the Croatian food agency, 2009

## Conferences

## Organization

- Editorial Board Member of the 6th Symposium of Pharmacies of Tuzla Canton, 23 March 2019, Tuzla, Bosnia and Herzegovina
- Editorial and Scientific Board Member at the 3rd Congress of honeybee production and products, 17-18 November, Bihać, Bosnia and Herzegovina
- Member of the organizing committee of the 11th International Scientific and Professional Conference "With Food to Health", 18-19 October 2017, Split, Croatia
- Member of the organizing committee of the 1st Croatian Congress on Biosafety and Biosecurity, December 2 – 7, 2017, Zagreb, Croatia
- Member of the organizing committee of the 10th International Scientific and Professional Conference "With Food to Health", 12-13 October 2017, Osijek, Croatia
- Editorial and Scientific Board Member at the 2nd Congress of honeybee production and products, 24 – 25 August, Gradačac, Bosnia and Herzegovina
- Chairman of Session 5: Environment, Food, Ethics and Bioterrorism at the NATO Advanced Research Workshop „Defence against Bioterrorism: Method for Prevention and Control“, 16-17 March 2017, Belgrade, Serbia
- Editorial Board Member of the 4th Symposium of Pharmacies of Tuzla Canton, 8 April 2017, Tuzla, Bosnia and Herzegovina
- Scientific Board Member of the 1st Congress of Preventive Paediatrics of Montenegro with international participation, 21-23 October 2016, Bečići, Budva, Montenegro
- Vice-chairman, Executive Editor and Editorial Board of the 9th International Scientific and Professional Conference "With Food to Health", 10 October 2016, Osijek, Croatia.
- Editor and Scientific Board Member at the 1st Congress of honeybee production and products, 15 July 2016, Tuzla, Bosnia and Herzegovina
- President of the Scientific Board at the 3rd International Congress of Nutritionists, 6-8 November 2015, Zagreb, Croatia
- Deputy Editor of *Dietetic and Diet Therapy* section of the 8th International symposium WITH FOOD TO HEALTH, 16 October 2015, Tuzla, Bosnia and Herzegovina
- Editor and Scientific Board Member at the 8th International symposium WITH FOOD TO HEALTH, 16 October 2015, Tuzla, Bosnia and Herzegovina
- Member of the organizing committee of the First international conference Taste the Mediterranean, May 29 – June 1 2014, Šibenik, Croatia
- President of the Scientific committee of the First international congress of nutritionists – Metabolic syndrome, 9-10 November 2013, Osijek, Croatia
- Chairman on professional conferences on hospital (clinical) nutrition; *First symposium Days of hospital nutrition*, April 13 2011, Slavonski Brod, Croatia; *Second days of hospital nutrition*, May 18 2013, Zagreb, Croatia

## Editor of scientific books of abstracts

- Book of abstracts and *in extenso* papers from the 4th Symposium of Pharmacies of Tuzla Canton, 8 April 2017, Tuzla, Bosnia and Herzegovina.
- Book of abstracts and *in extenso* papers from the 9th International Scientific and Professional Conference "With Food to Health", 10 October 2016, Osijek, Croatia.
- Book of abstracts and *in extenso* papers from the 9th International Scientific and Professional Conference "With Food to Health", 16 October 2015, Tuzla, BiH.
- Book of abstracts and *in extenso* papers from the 9th International Scientific and Professional Conference "With Food to Health", 16 October 2014, Tuzla, BiH.

## Guest-Editor of scientific journal

- Guest-Editor of Journal Food in Health and Disease: Scientific-professional journal of nutrition and dietetics vol 5, no. 1. (August 2016)
- Guest-Editor of Journal Food in Health and Disease: Scientific-professional journal of nutrition and dietetics, vol 5, no. 2. (December 2016)

## Participation

- 39 international conferences with total of 71 papers
- 14 national conferences with total of 16 papers

- Seminars**
- SCOPE School Athens, 12 November 2016, Athens, Greece
  - Member of expert panel group working on workshop *Public Health and Nutrition Economics: the numbers behind prevention?*, organized by the Institute for Health and Consumer Protection (IHCP), European Commission Joint Research Centre (JRC), 12-13 October 2015, Varese, Italy
  - Member of the expert panel group working on TDS-Exposure Stakeholders' Workshop "A Harmonized Approach to European Total Diet Studies", 8 October 2015, Brussels, Belgium.
  - SCOPE School London, 27-28 October 2014, London, UK
  - Member of expert panel group working on workshop *Countering obesity by combining behavioural insights and novel ICT tools*, organized by the Institute for Health and Consumer Protection (IHCP) and the Institute for Prospective Technological Studies (IPTS), European Commission Joint Research Centre (JRC) with the support of the Enlargement and Integration Action Programme, 4-5 October 2012, Varese, Italy
  - Clinical Medical Center Zagreb, 16 July – 3 August 2012, Zagreb, Croatia
  - University of the Basque Country in San Sebastian, scholarship awarded by the University of the Basque Country in San Sebastian, 23 – 25 August 2011, San Sebastian, Spain
  - University of the Basque Country in San Sebastian, scholarship awarded by the University of the Basque Country in San Sebastian, 22 – 24 August 2010, San Sebastian, Spain
  - Faculty of Organization and Informatics FOI, Tempus JEP project „Capacity Building for Research in Croatia“ – ICT skills for IP, 11 – 14 November 2008, Varaždin, Croatia
  - Faculty of Organization and Informatics FOI, Tempus JEP project „Capacity Building for Research in Croatia“ - Marketing and soft skills, 14 – 16 October 2008, Varaždin, Croatia

- Honours and awards**
- **International Visitor Leadership Program (IVLP)** fellowship awarded by the U.S. Department of State (March-April 2019)
  - **Young scientist award “Vera Johanides” awarded by the Croatian Academy of Engineering** for year 2016, awarded for the overall scientific and professional achievements in the last five years (period from 2011-2016), 15 May 2017 Zagreb
  - **Danubius Young Scientist Award 2014 for Croatia** awarded by the Austrian Federal Ministry of Science and Research (BMWf) and the Institute for the Danube Region and Central Europe (IDM)
  - Best poster award for Banjari, I.; Petrović, I. Recognition of functional foods among consumers. The third student congress „Nutrition and clinic diet therapy“ Book of abstracts. University of Rijeka, Rijeka, Croatia. 25-27 May, 2012.
  - Award by the Faculty of Food Technology Osijek, University of Osijek for the first and the best laureate student of graduation year 2006
  - National scholarship by the Ministry of Science, Education and Sports of the Republic of Croatia during study (2001-2006)

- Memberships**
- IVLP alumni member of the U.S. Department of State (since April 2019)
  - OncoPut society of professionals working with oncology patients (since January 2019)
  - Society of chemists and technologists, Osijek, member since 2007.
  - Volunteer in civic organization for people with Parkinson's disease “Buđenje” (“Awakening”)

## MENTORING

### POSTGRADUATE SPECIALIST THESIS

1. Paić A. *Influence of parents on nutrition and dietary habits of children age 7 years*. Faculty of Food Technology Osijek, Osijek, March 8, 2019.
2. Suljić, A. *Nutrition and lifestyle habits of pregnant women from the Una-Sana Canton*. Faculty of Technology, University of Tuzla, Tuzla, Bosnia and Herzegovina, July 14, 2018.
3. Zolotić, T. *The knowledge of nutrition among parents and coaches of children athletes*. Faculty of Technology, University of Tuzla, Tuzla, Bosnia and Herzegovina, January 20, 2018.
4. Ćorić N. Consumption of bakery products and the assessment of salt intake among adults from three Croatian regions. Faculty of Food Technology Osijek, Osijek, March 9, 2017.
5. Ljoljić Dolić G. *Nutrition and lifestyle habits of patients with chronic gastritis in Banja Luka region*. Faculty of Food Technology Osijek, Osijek, September 27, 2016.
6. Demirović A. *Nutrition and lifestyle habits of patients with arterial hypertension in Sarajevo*. Faculty of Food Technology Osijek, Osijek, March 8, 2016.
7. Kajtar D. *Nutrition and lifestyle habits of patients with type 2 diabetes mellitus in Baranja region*. Faculty of Food Technology Osijek, Osijek, December 23, 2015.
8. Misir A. *Diet of reproductive age women with and without diagnosed Polycystic Ovary Syndrome*. Faculty of Food Technology Osijek, Osijek, November 17, 2014.

### B.Sc. (MASTER) THESIS

1. Mandarić, J. *Dietary Characteristics of Patients With Non-Alcoholic Fatty Liver Disease and Arterial Hypertension*. Faculty of Food Technology Osijek, September 30, 2019.
2. Posavec, S. *Pregnancy Characteristics and Outcomes and Diet During Pregnancy as Risk Modulators in Children at the Age of 7 – Cohort Study*. Faculty of Food Technology Osijek, September 27, 2019.
3. Domiter M. *Consumers and Functional Food in Croatia – the Market of Functional Dairy*. Faculty of Food Technology Osijek, September 27, 2019.
4. Nožica A. *Dietary Characteristics of Type 1 Diabetics with Hashimoto Thyroiditis*. Faculty of Food Technology Osijek, July 19, 2019.

5. Perlain E. *Development of Acute Complications in Children and Adolescents Suffering from Anorexia Nervosa*. Faculty of Food Technology Osijek, July 19, 2019.
6. Tatarović I. *The Comparison of Anthropometric Methods and Questionnaires for the Assessment of Nutritional Status of Patients with Parkinson's Disease*. Faculty of Food Technology Osijek, March 14, 2019.
7. Smolić I. *Predictors of reduced bone mineral density in children and adolescents with anorexia nervosa*. Faculty of Food Technology Osijek, March 14, 2019.
8. Kunac M. *Dietary patterns in colorectal cancer patients*. Faculty of Food Technology Osijek, March 13, 2019.
9. Dragičević, J. *Irritable Bowel Syndrome Symptoms and Dietary Characteristics in Adults*. Faculty of Food Technology Osijek, Osijek, December 14, 2018.
10. Kolaric, B. *Nutrition of Patients with Parkinson's Disease*. Faculty of Food Technology Osijek, Osijek, November 8, 2018.
11. Huzjak, B. *Dietary and Lifestyle Habits of Seven Year Old Children from the Area of the City of Osijek*. Faculty of Food Technology Osijek, Osijek, November 8, 2018.
12. Kunčić, I. *Consumption of meat and meat products and the assessment of salt intake among adults from three Croatian regions*. Faculty of Food Technology Osijek, Osijek, November 30, 2017.
13. Lasić, K. *Diet and meal planning for people with type 2 diabetes*. Faculty of Food Technology Osijek, Osijek, November 27, 2017.
14. Bašnec A. *Nutrition of patients with Alzheimer's disease*. Faculty of Food Technology Osijek, Osijek, October 12, 2017.
15. Fabjanović M. *Nutrition education for chronic pain patients*. Faculty of Food Technology Osijek, Osijek, October 12, 2017.
16. Pocrnjic I. *Non-thyroid illness in children and adolescents with restrictive type of Anorexia nervosa*. Faculty of Food Technology Osijek, Osijek, October 6, 2017.
17. Marušić P. *Diet plans for women with Polycystic Ovary Syndrome*. Faculty of Food Technology Osijek, Osijek, September 29, 2017.
18. Maletić M. *Cardiovascular risk in children and adolescents with restrictive type of Anorexia nervosa*. Faculty of Food Technology Osijek, Osijek, July 7, 2017.
19. Matoković V. *Early prenatal and postnatal factors in a population of pregnant women and newborns from the city of Osijek*. Faculty of Food Technology Osijek, Osijek, June 26, 2017.
20. Pavlić M. *Nutrition and lifestyle habits of patients with type 1 diabetes mellitus*. Faculty of Food Technology Osijek, Osijek, April 18, 2017.
21. Mađarić J. *Dietary characteristics in relation to personality traits of high-school and university students*. Faculty of Food Technology Osijek, Osijek, February 24, 2017.
22. Sović I. *Socioeconomic status and state of nourishment of school-aged children from the city area of Osijek*. Faculty of Food Technology Osijek, Osijek, October 10, 2016.
23. Jozinović K. *Determination of the glycaemic index of jams with addition of Stevia (Stevia rebaudiana)*. Faculty of Food Technology Osijek, Osijek, September 30, 2016.
24. Leovac S. *Comparison of commercial and newly developed jams considering glycaemic index*. Faculty of Food Technology Osijek, Osijek, September 30, 2016.
25. Fako J. *Determination of iron content in different types of flours*. Faculty of Food Technology Osijek, Osijek, September 9, 2016.
26. Resiga N. *Determination of the glycaemic index of energy preparations for consumption before and after training*. Faculty of Food Technology Osijek, Osijek, May 3, 2016.
27. Serdarušić N. *Determination of the glycaemic index of corn snack products with addition of apple pomace*. Faculty of Food Technology Osijek, Osijek, February 10, 2015.
28. Marić M. *Determination of the glycaemic index of corn snack products with addition of different by-products of food industry*. Faculty of Food Technology Osijek, Osijek, October 10, 2014.
29. Širić M. *Intake of hidden salt and sugar in students from University of Osijek*. Faculty of Food Technology Osijek, Osijek, October 10, 2014.
30. Kozic S. *Dietary intake of vitamin B<sub>12</sub> in adult population from two Croatian regions*. Faculty of Food Technology Osijek, Osijek, October 9, 2014.
31. Eljuga G. *Intake of carbohydrates and incidence of gestosis in pregnant women from city Osijek*. Faculty of Food Technology Osijek, Osijek, September 29, 2014.
32. Karas D. *Determination of the glycaemic index of preparations for recovery after training*. Faculty of Food Technology Osijek, Osijek, September 29, 2014.
33. Ostrognjaj T. *Estimation of colorectal cancer risk factors related to nutritional and lifestyle habits in student population*. Faculty of Food Technology Osijek, Osijek, July 17, 2014.

## THE LIST OF PUBLICATIONS

### PUBLICATIONS IN PRIMARY PUBLICATION SOURCES

1. Banjari, I.; Misir, A.; Pavlić, M.; Herath, P.N.; Waisundara, V.Y. (2019) Traditional Herbal Medicines for Diabetes Used in Europe and Asia: Remedies from Croatia and Sri Lanka. *Alternative therapies in health and medicine* 25(3):40-52.
2. Banožić M, Banjari I, Jakovljević M, Šubarić D, Tomas S, Babić J, Jokić S (2019) Optimization of ultrasound-assisted extraction of some bioactive compounds from tobacco waste. *Molecules*, 24(8), 1611.
3. Jakovljević M, Jokić S, Molnar M, Jašić M, Babić J, Jukić H, Banjari I. (2019) Bioactive Profile of Various *Salvia officinalis* L. Preparations. *Plants*, 8(3), 55.
4. Markovina, N.; Banjari, I.; Bucevic Popovic, V.; Jelacic Kadic, A.; Puljak, L. (2019) Efficacy and safety of oral and inhalation commercial beta-glucan products: Systematic review of randomized controlled trials. *Clinical Nutrition*, pii: S0261-5614(19)30005-6.
5. Banjari, I.; Kozic, S. (2018) Dietary intake of vitamin B<sub>12</sub> in relation to diet and lifestyle characteristics in a population at high risk for colorectal cancer. *Central European Journal of Public Health*, 26(4): 253-259.
6. Banjari, I.; Marček, T.; Tomić, S.; Waisundara, V. Y. (2018) Forestalling the Epidemics of Parkinson's Disease Through Plant-Based Remedies. *Frontiers in Nutrition*, 5:95.

7. Banjari, I.; Hjärtaker, A. (2018) Dietary sources of iron and vitamin B12: Is this the missing link in colorectal carcinogenesis? *Medical Hypotheses*, 116:105-110.
8. Belojevic, G.; Sokolova Djokic, L.; Gligorova, B.; Banjari, I.; Stojanović, M.; Stojanović, D. (2018) Body mass index and the literacy on obesity in relation to media following. *Iranian Journal of Public Health*, 47(8): 1166-1171.
9. Bajraktarović-Labović, S.; Mugoša, B.; Andrejević, V.; Banjari, I.; Jovičević, Lj.; Djurović, D.; Martinović, A.; Radojlović, J. (2018) Food hygiene awareness and practices before and after intervention in food services in Montenegro. *Food Control*, 85:466-471.
10. Banjari, I.; Misir, A.; Šavikin, K.; Jokić, S.; Molnar, M.; De Zoysa, HKS; Waisundara; VY (2017) Anti-Diabetic Effects of *Aronia melanocarpa* and its Other Therapeutic Properties. *Frontiers in Nutrition*, 4:53. *Open access*.
11. Molnar, M.; Mendešević, N.; Šubarić, D.; Banjari, I.; Jokic, S. (2017) Comparison of various techniques for the extraction of umbelliferone and herniarin in *Matricaria chamomilla* processing fractions. *Chemistry Central Journal*, 11:74. *Open access*.
12. Banjari, I.; Kenjerić, D.; Mandić, M. (2015) What is the Real Public Health Significance of Iron Deficiency and Iron Deficiency Anaemia in Croatia? A Population-Based Observational Study on Pregnant Women at Early Pregnancy from Eastern Croatia. *Central European Journal of Public Health*, 23(2), 122-127.
13. Banjari, I.; Kenjerić, D.; Mandić, M. L. (2013) Iron bioavailability in daily meals of pregnant women. *Journal of food and nutrition research*. 52(4), 203-209.
14. Šarkanj, B.; Warth, B.; Uhlig, S.; Abia, W. A.; Sulyok, M.; Klapeč, T.; Krška, R.; Banjari, I. (2013) Urinary analysis reveals high deoxynivalenol exposure in pregnant women from Croatia. *Food and Chemical Toxicology*. 62, 231-237.
15. Klapeč, T.; Šarkanj, B.; Banjari, I.; Strelec, I. (2012) Urinary ochratoxin A and ochratoxin alpha in pregnant women. *Food and chemical toxicology*, 50(12), 4487-4492.
16. Banjari, I.; Kenjerić, D.; Mandić, M. L.; Nedeljko, M. (2011) Is fad diet a quick fix? An observational study in a Croatian student group. *Periodicum biologorum*, 113(3), 377-381.
17. Sabo, M.; Potočnjak, M.; Banjari, I.; Petrović, D. (2011) Pollen analysis of honeys from Varaždin County, Croatia. *Turkish Journal of Botany*, 35(5), 581-587.
18. Kristek, B.; Kurbel, S.; Banjari, I. (2010) Characteristics of dietary sugars compared to their roles in body metabolism. *Advances in Physiology Education*, 34(2), 1043-1046.
19. Sabo, M.; Vasić, M.; Banjari, I.; Flanjak, I.; Bačić, T. (2008) Melissopalynological, Physicochemical and Sensory Characteristic of Honey of Three Floral Species in Croatia. *Deutsche Lebensmittel-Rundschau*, 104(2), 78-82.

#### PUBLICATIONS IN SECONDARY PUBLICATION SOURCES

1. Marček, T.; Gložinić, M.; Jazić, E.; Radman, P.; Sučić, M.; Ižaković, M.; Banjari, I. (2018) A comparative survey on the prevalence of parasite elements in fresh vegetables and ready-to-eat salads. *Food in Health and Disease*, 7 (2), 26-30.
2. Misir, A.; Banjari, I.; Lončar, I. (2016) Polycystic Ovary Syndrome (PCOS) - pilot study on diet quality. *Food in Health and Disease*, 5 (1), 15-19.
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4. Banjari, I.; Odobaša, R. (2018) Poverty and extremes in nutritional status of children. Book of Proceedings - 27th International Scientific Conference on Economic and Social Development, Rome, Italy, pp. 537-545.
5. Kenjerić, D.; Divković, I.; Banjari, I.; Mandić, M. L. (2014) Effect of bread type choice on nutrition quality in elderly. Proceedings of the 7th International Congress FLOUR-BREAD'13. Osijek, Croatia, pp. 87-92.
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2. Bilić-Kirin, V.; Pačić, A.; Buljan, V.; Banjari, I. (2019) Parental influence on the risk of obesity at 7 year old children. *Oral presentation*. Second International Congress of Hygiene and Preventive Medicine „Challenges and Public Health Interventions“, Novi Sad, Serbia, April 10-13.
3. Banjari, I. (2018) Colorectal Carcinoma and Nutrition – What Does the Evidence Say? *Invited lecture*. 10th International Symposium Štampar Days HEALTHY LIFESTYLES, Pleternica, Croatia, 8 December.
4. Banjari, I. (2018) Foods and supplements – is the focus on prevention or treatment. *Invited lecture*. 2nd International Congress on Food Safety and Quality „Food Life Cycle“, Opatija, Croatia, 13-16 November, pp. 21.
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  23. **Banjari, I.** (2016) State of nourishment of school-aged children – overview of risk factors among 7-year old children from the area of Osijek city. *Invited lecture*. 8th International Symposium Štampar Days HEALTHY LIFESTYLES, Pleternica, Croatia, 10 December.
  24. Azabagić, A.; Šubarić, D.; Čačić Kenjrić, D.; **Banjari, I.**; Ahmetbegović, E. Software support in creating individualised diet plan. 4th International Congress of Nutritionists, Zadar, Croatia, 11-13 November, pp. 91.
  25. **Banjari, I.**, Martinović, M., Belojević, G., Ašanin, B., Čačić Kenjerić, D., Duborija Kovačević, N., Miškulin, M., Pantović, S., Pušeljić, S., Sokolić, D., Buljan, V., Bilić-Kirin, V., Jakšić, M., Sović, I., Huzjak, B. (2016) Socioeconomic status and nourishment of school-age children in the cities of Podgorica and Osijek. 4th International Congress of Nutritionists, Zadar, Croatia, 11-13 November, pp. 35.
  26. **Banjari, I.**, Misir, A., Marušić, P (2016) Low-carbohydrate diets – a short review of therapeutic uses. 4th International Congress of Nutritionists, Zadar, Croatia, 11-13 November, pp. 34.
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  69. Brajković, N.; Mandić, M.L.; **Banjari, I.** (2008) Consumption of supplements in elderly population in Vukovarsko-srijemska County. 4th Central European Congress on Food, 6th Croatian Congress of Food Technologists, Biotechnologists, and Nutritionists, Cavtat, Croatia, 15-17 May.
  70. **Banjari, I.**; Kenjerić, D.; Mandić, M. L. (2008) Faddy crash diets in student population. *Oral presentation*. 16th European Congress on Obesity ECO 2008, Geneva, Switzerland, 14-17 May.
  71. Perl Pirički, A.; Adam Perl, M.; **Banjari, I.**; Ivanković, S.; Naimarević, V. (2008) Sensory acceptability of strawberry and chocolate cornflakes by normal and overweight elderly people. 16th European Congress on Obesity ECO2008, Geneva, Switzerland, 14-17 May.
  72. Perl Pirički, A.; Boban, K.; Primorac, Lj.; **Banjari, I.** (2007) Differences at acceptance of sweet potatoes dumplings and cakes among different weight categories of pre-school children. International conference, the role of fruit and vegetables in the fight against obesity – EGEA IV, Brussels, Belgium, 17-19 April.

#### PARTICIPATION AT NATIONAL SCIENTIFIC CONFERENCES

1. Dedić, L.; Jašić, M.; Čačić Kenjerić, D.; **Banjari, I.** (2018) Use of pollen in food supplements. 3<sup>rd</sup> congress of beekeeping and bee products – with international participation BEEKEEPING AND BEE PRODUCTS, Bihać, Bosnia and Herzegovina, 17-18 November.
2. **Banjari, I.**; Martinović, M.; Jakšić-Kavarić, M.; Buljan, V.; Bilić-Kirin, V. (2018) Dietary habits of 7 year old children depending on their nutritional status – comparative study between cities of Podgorica and Osijek. 2nd Congress of Preventive Paediatrics of Montenegro with international participation, Bečići, Budva, Montenegro, 2-4 November.
3. **Banjari, I.** (2018) The role of ICT in health care systems – focus on developing countries. *Plenary lecture*. 10<sup>th</sup> International interdisciplinary professional-scientific conference “HORIZONS” 2018. Subotica, Serbia, 11-12 May.
4. **Banjari, I.** (2018) The role of food in neurorehabilitation – myth or reality? *Invited lecture*. 6<sup>th</sup> Croatian Congress on Neurorehabilitation and Restoration Neurology with International Participation. Osijek, Croatia, 6-9 May.
5. Molnar, M.; Komar, M.; Brahmbhatt, H.; Jokić, S.; **Banjari, I.** (2017) Choline chloride based deep eutectic solvent as a convenient solvent for synthesis of Schiff bases. 25<sup>th</sup> Croatian Meeting of Chemists and Chemical Engineers with international participation. Poreč, Croatia, April 19-22.
6. **Banjari, I.**; Martinović, M.; Belojević, G.; Ašanin, B.; Duborija Kovačević, N.; Kenjerić, D.; Miškulin, M.; Pantović, S.; Pušeljić, S.; Sokolić, D.; Buljan, V.; Bilić-Kirin, V.; Jakšić, M.; Sović, I.; Huzjak, B. (2017) Obesity-related dietary and lifestyle habits of 7 year old children from the cities of Podgorica and Osijek. *Oral presentation*. 5<sup>th</sup> Croatian Congress of School and University Medicine with international participation, Opatija, Croatia, March 30 – April 2.
7. **Banjari, I.** (2016) Healthy pregnancy as a foundation for healthy child. *Invited opening lecture*. 1st Congress of Preventive Paediatrics of Montenegro with international participation, Bečići, Budva, Montenegro, 21-23 October.

8. Banjari, I.; Ačkar, Đ.; Marić, M.; Jozinović, A.; Babić, J.; Šubarić, D. (2014) Determination of the glycaemic index of corn snack products with addition of apple pomace and brewers' spent grain. *Invited lecture*. 4<sup>th</sup> book of abstracts "Environmentally acceptable production of quality and safe foods". Osijek, Croatia, pp. 49-50.
9. Banjari, I.; Širić, M.; Kenjerić, D.; Sokolić, D.; Jurković, M. (2014) Major contributors to *hidden* salt and sugar intake in adults and students from Slavonia. 4<sup>th</sup> book of abstracts "Environmentally acceptable production of quality and safe foods". Osijek, Croatia, pp. 83-84.
10. Banjari, I.; Kenjerić, D.; Mandić, M. L. (2012) Intake of tannic acid from tea and coffee as a risk factor for iron bioavailability in pregnant women. Book of abstracts, 14<sup>th</sup> Ružička Days „TODAY SCIENCE–TOMORROW INDUSTRY“. Vukovar, Croatia, 13-15 September.
11. Banjari, I.; Petrović, I. (2012) Recognition of functional foods among consumers. The 3<sup>rd</sup> student congress „Nutrition and clinic diet therapy“ – Book of abstracts. University of Rijeka, Rijeka, Croatia. 25-27 May.
12. Banjari, I., Jalšić, V., Juranić, S., Petrović, I., Prpić, I. (2011) Physical activity of student population from University of Osijek. The 2<sup>nd</sup> student congress „Nutrition and clinic diet therapy“ – Book of abstracts. University of Rijeka, Rijeka, Croatia. 27-29 May.
13. Gradinjan, M.; Gvozdanović, A.; Banjari, I. (2010) Nutritional habits of pregnant women from the area of City Osijek. The 1<sup>st</sup> student congress „Nutrition and clinic diet therapy“ – Book of abstracts. University of Rijeka, Croatia. 14-16 May.
14. Škoro, V.; Stojanović, N., Banjari, I. (2010) Weight status of students at the University of Osijek. The first student congress „Nutrition and clinic diet therapy“ – Book of abstracts. University of Rijeka, Croatia. 14-16 May.
15. Sabo, M.; Hećimović, J.; Banjari, I.; Milaković, Z. (2009) Weed representation in eco-production of *Galega orientalis* Lam. in comparison to *Medicago sativa* L. and *Trifolium pratense* L. VI Symposium of Plant Protection in Bosnia and Herzegovina, Book of abstracts. Tuzla, Bosnia and Herzegovina, 8-10 December.
16. Čačić Kenjerić D., Banjari I., Mandić M. L., Nedeljko M., Glavaš A. (2008) Intake of iron with different bakery products. XII Ružička days, Book of papers and abstracts. Vukovar, Croatia, 18.-19. September.

#### PROFESSIONAL PAPERS

1. Banjari, I. (2018) The role of ICT in health care systems – focus on developing countries. *Plenary lecture*. Book of papers from the 10<sup>th</sup> International interdisciplinary professional-scientific conference “HORIZONS” 2018. Subotica, Serbia, 11-12 May, pp. 33-41. (in Croatian)
2. Banjari, I. (2009) Iron as functional component. Proceedings of 2<sup>nd</sup> Symposium “Functional foods in Croatia”, pp. 16-20. Faculty of Food Technology and Biotechnology, Zagreb, Croatia, 16 June. (in Croatian)

#### PARTICIPATING ON NATIONAL PROFESSIONAL CONFERENCE

1. Banjari, I. (2018) Dietary guidelines for patients with colorectal carcinoma. The 3<sup>rd</sup> Symposium “Primary and secondary prevention of modern day diseases”, Osijek, Croatia, 16-17 November.
2. Banjari I. (2013) Iron deficiency and iron deficiency anaemia – what is the public health significance? The 2<sup>nd</sup> Symposium “Days of hospital nutrition“, Zagreb, Croatia, 18 May.
3. Banjari, I. (2011) Anaemia in pregnancy. 1<sup>st</sup> Symposium “Days of hospital nutrition“, Slavonski Brod, Croatia, 13 April.
4. Banjari, I. (2009) Iron as functional component. 2<sup>nd</sup> Symposium “Functional foods in Croatia“, Faculty of Food Technology and Biotechnology, Zagreb, Croatia, 16 June.

#### INVITED LECTURES/ EDUCATIONAL

1. Banjari, I. (2017) Nutrition in the 21<sup>st</sup> century: What did we get and what did we lose? Invited lecture within the project “Brain loves healthy” at the Faculty of Food Technology and Biotechnology, Zagreb, Croatia, 16 May.
2. Banjari, I. (2017) Poverty, nutrition and other risks for extremes in nutritional status among children. International specialists course „Nutrition“. University „Sv. Kliment Ohridski“, Bitola, FR Macedonia, 6-11 February.
3. Banjari, I. (2016) In vino sanitas. Croatian Academy of Sciences and Arts, Požega, 19 December.
4. Banjari, I. (2016) Health diet = creative brain. 9<sup>th</sup> International Festival of Theatre Academies DIONYSIUS “Diversity through Play“, Osijek, Croatia, March 14-20.
5. Banjari, I. (2016) Hospital nutrition - Experience and know-how principles in the improvement of organization of hospital nutrition. Institute Sremska Kamenica, Serbia, 28 April.
6. Banjari, I. (2016) Iron as functional component of food and its role in human health. International specialists course „Nutrition“. University „Sv. Kliment Ohridski“, Bitola, FR Macedonia, 25-30 January.
7. Banjari, I. (2013) Nutritional iron intake as prevention measure of anaemia. International specialists course „Nutrition“. University „Sv. Kliment Ohridski“, Bitola, FR Macedonia, 22-27 April.
8. Banjari, I. (2012) Nutritional intake of iron and anaemia in pregnancy. Specialists course „Nutrition“. University „Sv. Kliment Ohridski“, Bitola, FR Macedonia, 3-8 December.
9. Banjari, I. (2012) Nutritional iron intake as prevention measure for anaemia in all population groups. Specialists course „Nutrition“. University „Sv. Kliment Ohridski“, Bitola, FR Macedonia, 3-8 December.
10. Banjari I. (2010) And what about nutrition? „Children's week 2010“, Primary school Retfala, Osijek, Croatia, 7 October.
11. Pavić E.; Banjari, I. (2010) Influence of nutrition on behavioral disorders. Center for education „Ivan Štark“, Osijek, Croatia, 9 April.
12. Banjari, I. (2009) Pumpkin – grandma's chest treasure. The event Days of Pumpkins 2009, Slobodština, Croatia, 10 October.
13. Banjari, I. (2009) Food in anaemia fight. The annual meeting of Society of chemists and technologists, Belišće, Croatia, 4 June.

14. **Banjari I.** (2008) Iron deficit and technological achievements in fight against anaemia. The annual meeting of Society of chemists and technologists Osijek, Osijek, Croatia, 7 April.