



Mirjana Gurinovic

Nationality: Serbian **Date of birth:** 15 Mar 1956 **Gender:** Female



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Website: www.capnutra.org

Website: <https://www.researchgate.net/profile/Mirjana-Gurinovic/research>

Work: 1, 11000 Belgrade (Serbia)

WORK EXPERIENCE

SENIOR RESEARCHER IN CAPNUTRA

CAPNUTRA Capacity Development in Nutrition www.capnutra.org [May 2005 – Current]

City: Belgrade | **Country:** Serbia

Mirjana Gurinović, MD, PhD Nutrition, Research advisory, EC, WHO Expert, FAO Nutrition expert in the field of Sustainable Food Systems for healthy diets and public health nutrition scientists. Member of the European Commission (EC) High Level Expert Group (HLEG), whose mandate is to assess the needs, options, impacts and possible approach for an International Platform for Food Systems Science (IPFSS). https://ec.europa.eu/info/news/new-high-level-expert-group-assess-need-international-platform-food-systems-science-2021-feb-17_en

Contribution to the capacity development in nutrition aiming to improvement and harmonization of the nutritional research in Serbia as well in the Central and Eastern Europe/Balkan region as the first coordinator of the - Capacity Development Network in Nutrition in Central and Eastern Europe, NCDNCEE /CAPNUTRA, Serbia www.capnutra.org which was established in 2005. Organizing the Capacity development training and dissemination for Central and Eastern European countries(CEEC)/West Balkan region in the field of public health nutrition , sustainable food systems for healthy diet, dietary intake assessment tools application, Food classification (FoodEX2 and LanguaL), Food consumption collection and analysis, EFSA EU MENU methodology, Food Composition Database developing and maintenance. Active involvement in the ongoing projects where CAPNUTRA is partner : EFSA projects: Creation of Open Access EU Food Composition Database (EU FCDB)(2022-2025);RPC (Raw Primary Commodity) model update / 2020/01.TRAIN-DIE and Horizon 2020: FNS-Cloud Food Nutrition Security Cloud (New Horizon 2020 project, 2019 – 2023) Designing and creating the software applications/tools for the nutritional research infrastructure improvement; establishing the food composition data base in Serbia and Balkan region; harmonization of the micronutrient recommendations and dietary intake assessment methodology and evaluation on individual and population level; developing the action plan for nutrition and obesity prevention for Serbia; active involvement on development the European nutrition recommendation for cardiovascular diseases prevention. Contributed to the creation and establishment of the first online food composition database with nutritive values in Serbia which is harmonized with EuroFIR criteria and forming the Balkan Food Platform during EuroFIR Nexus FP7 project.

Developed DIET ASSESS & PLAN (DAP) advanced nutritional online tool for food consumption data collection, comprehensive dietary intake assessment and nutrition planning which contribute Implementation of Harmonized Food Consumption Data Collection in the Balkan Region According to the EFSA EU Menu Methodology Standards in 6 National surveys 2017-2023..(see below detail list of the projects, expert groups, publications available also https://www.researchgate.net/profile/Mirjana_Gurinovic and <https://www.capnutra.org/publications/>

MD PhD nutrition , Principal research fellow, Research team leader-nutrition for EC projects

Centre of Research Excellence in Nutrition and Metabolism Institute for Medical Research, National [

22 Feb 2006 – 30 Jun 2022]

City: Belgrade | **Country:** Serbia

Research team leader for the EC projects FP6 and FP7 in the Centre, responsible for and Master thesis and PhD thesis for the colleagues in the Centre.

Personal home page: <http://srbnutrition.info/english/portfolio/dr-mirjana-gurinovic-naucni-savetnik/>
<https://orcid.org/0000-0002-8649-6267>

https://www.researchgate.net/profile/Mirjana_Gurinovic

EFSA project-Support to National Dietary Surveys in Compliance with the EU Menu methodology (sixth support) - "The adults' survey", including subjects from 10 to 74 years old. 2017-2022, Research Team leader in Serbia and research advisor for the survey in Bosnia and Herzegovina

EFSA project-Support to National Dietary Surveys in Compliance with the EU Menu methodology (sixth support) "The children's survey", including subjects from three months up to 9 years old, 2017-2021, member of the research team in Serbia

Member of the EFSA Scientific Network on Food Consumption Data, representative for Serbia from 2017-2023

FAO Expert and Nutrition consultant FAOREU, EFSA Hearing Expert, a recognized expert in the field of public health nutrition, actively engaged in research on nutrition, food composition data bases, public health nutrition epidemiology, Sustainable Food Systems for healthy diets, harmonization of the dietary intake assessment, nutrient recommendations, food and nutrition policy, nutritional tools development and research infrastructure.

She had leading and active role in several national, bilateral and international food and nutrition research projects (EC FP6 and FP7 NoE projects, including EURRECA, EuroFIR, CHANCE, EuroFIR-Nexus, ODIN, four EFSA projects and member of project advisory board in EuroDISH project).

Expert Group member responsible for Nutrition and Obesity prevention in the National Strategy and Action plan development within primary prevention programme for the Cardiovascular diseases (CVD) prevention in Serbia.

Coordinator of the Regional Symposium on Sustainable Food Systems for Healthy Diets in Europe

Food and Agriculture organization UN, Regional Office for Europe and Central Asia [3 Jul 2017 –

15 Dec 2017]

City: Budapest | Country: Hungary

Coordinator of the Regional Symposium on Sustainable Food Systems for Healthy Diets in Europe and Central Asia, A joint FAO/WHO Regional Symposium and initiative in collaboration with UNICEF and WFP held in Budapest, Hungary, 4-5 December 2017, <https://www.fao.org/europe/events/detail/Regional-Symposium-Sustainable-Food-Systems-for-Healthy-Diets-in-Europe-and-Central-Asia/en> **Food and Agriculture organization of the United Nations, Regional Office for Europe and Central Asia (REU), Budapest, Hungary.**

Work as nutrition expert consultant: Inputs to Concept Note, Development of symposium programme, proposal of keynote speakers, panel discussion experts and moderators, preparing and posting expression of interest from non-State actors, contacting and ensuring the involvement of all speakers in the events (from various sectors – government, UN Agencies, research, academia, civil society, private sector), collecting and reviewing the abstracts and key messages from each contributor, writing instructions for speakers and posters presenters, coordinating pre-event on-line discussion -Facilitator for two online consultations through the Food Security and Nutrition Forum (FSN) conducted to provide input to the Symposium consultation on Promoting sustainable food systems for healthy diets in Europe and Central Asia: the key role of school food and nutrition programmes http://www.fao.org/fsnforum/eca/activities/open-calls/FSN_policy_implementation , and the Call for good practices and lessons learned on food security and nutrition policy implementation in Europe and Central Asia region <http://www.fao.org/fsnforum/eca/activities/discussions/school-food> during June-December 2017)

MD, PhD, Specialist of Hygiene and Medical Ecology, Head of Nutrition Department in Public Health

Public Health Institute [Aug 1985 – Feb 2006]

City: Subotica | Country: Serbia

Working in a team and coordination of the food quality and food safety control; Nutritional status and dietary studies monitoring and promotion of healthy diet in population with primary prevention programme for CVD prevention implementation. Creation of the first electronic version of the food composition data base and the software for nutrition planning and dietary intake monitoring and evaluation as well as for population nutritional status monitoring.

EDUCATION AND TRAINING

PhD Thesis

Medical faculty, University of Novi Sad [1990 – 1994]

City: Novi Sad | Country: Serbia | Level in EQF: EQF level 8

PhD thesis title: "Risk factors of cardiovascular diseases in school children" , Serbia

Master degree

Medical Faculty [1987 – 1990]

City: Novi Sad | Country: Serbia

Master thesis title: "Nutrition quality of school meals and nutritional status of school children in Subotica",

Specialisation of Hygiene (nutrition)

Medical faculty, University of Novi Sad [1985 – 1988]

City: Novi Sad | Country: Serbia

Medical doctor

Medical Faculty, , University of Novi Sad [1975 – 1981]

City: Novi Sad | Country: Serbia

LANGUAGE SKILLS

Mother tongue(s): Serbian

Other language(s):

English

LISTENING C2 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

Hungarian

LISTENING C1 READING B1 WRITING A2

SPOKEN PRODUCTION B1 SPOKEN INTERACTION B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Microsoft Word / Microsoft Office / Microsoft Powerpoint / Microsoft Excel / Google Docs / Skype / Zoom

PUBLICATIONS

[Publications -selected relevant publications-according to thematic areas available at https://www.capnutra.org/publications/](https://www.capnutra.org/publications/)

1. Gurinović M, Nikolić M, Zeković M, Milešević J, Kadvan A, Ranić M and Glibetić M (2022) Implementation of Harmonized Food Consumption Data Collection in the Balkan Region According to the EFSA EU Menu Methodology Standards. *Front. Nutr.* 8:809328. <https://doi.org/10.3389/fnut.2021.809328>
2. Miličević, D.R.; Milešević, J.; Gurinović, M.; Janković, S.; Đinović-Stojanović, J.; Zeković, M.; Glibetić, M. Dietary Exposure and Risk Assessment of Aflatoxin M1 for Children Aged 1 to 9 Years Old in Serbia. *Nutrients* (2021) 13, 4450. <https://doi.org/10.3390/nu13124450>
3. Gurinovic, M., Milešević, J., Zekovic, M., Kadvan, A., Ranic, M., Glibetic, M. Capacity development in food and nutrition in central and Eastern Europe: A decade of achievements, *Food Policy* 96 (2020) 101850 <https://doi.org/10.1016/j.foodpol.2020.101850>
4. Gurinović M, Milešević J, Kadvan A, Nikolić M, Zeković M, Djekić-Ivanković M, Dupouy E, Finglas P, Glibetić M, Development, features and application of DIET ASSESS & PLAN (DAP) software in supporting public health nutrition research in Central Eastern European Countries (CEEC), *Food Chemistry* 238 (2018) 186–194 <http://dx.doi.org/10.1016/j.foodchem.2016.09.114>
5. Mirjana Gurinovic, Jelena Milešević, Marija Knez, Pieter van't Veer, Challenges, and opportunities to support food systems transformations for healthy and sustainable diets in central and southeastern Europe, page 51-95 in: Fang, C. & Gurinovic, M., eds. 2023. Sustainable and nutrition-sensitive food systems for healthy diets and prevention of malnutrition in Europe and Central Asia. Budapest, FAO. <https://doi.org/10.4060/cc3907en>
6. Novakovic, R., Cavelaars, A. E.J.M., Bekkering, G. E., Roman-Vinas, B., Ngo, J., Gurinovic, M., Glibetic, M., Nikolic, M., Golesorkhi, M., Warthon Medina, Serra Majem, L., van't Veer, P., & de Groot, L.C.P.G.M. (2012).

- Micronutrient intake and status in Central and Eastern Europe compared with other European countries, results from the EURRECA network. Public Health Nutrition, 16, 824-840. DOI: 10.1017/S1368980012004077
7. Nikolic, M., Milešević, J., Zekovic, M., Gurinovic, M., Glibetic, M., & ... (2018). The development and validation of food atlas for portion size estimation in the Balkan region. *Frontiers in Nutrition*, 5(September), 78. <https://doi.org/10.3389/FNUT.2018.00078>
 8. Gurinović, M., Milešević, J., Kadvan, A., Đekić-Ivanković, M., Debeljak- Martačić, J., Takić, M. Glibetić, M. (2016). Establishment and advances in the online Serbian food and recipe data base harmonized with EuroFIRTM standards. *Food Chemistry*, 193, 30-38. <http://doi.org/10.1016/j.foodchem.2015.01.107>
 9. Gurinović, M., Milešević, J., Novaković, R., Kadvan, A., Djekić-Ivanković, M., Šatalić, Z., Korošec M, Spiroski I, Ranic M, Dupouy E, Oshaug A, Finglas P, Glibetić, M. (2016). Improving nutrition surveillance and public health research in Central and Eastern Europe/Balkan Countries using the Balkan Food Platform and dietary tools. *Food Chemistry*, 193, 173–180. <http://doi.org/10.1016/j.foodchem.2015.03.103>
 10. Gavrieli A, Trichopoulou Antonia, Valsta LM, Ioannidou Sofia, Berry Rachel, Roe Mark, Harvey Linda, Finglas R, Glibetic Marija D, Gurinovic Mirjana A, Naska Androniki, Identifying sources of measurement error in assessing dietary intakes - Results of a multi-country ring-trial, *Nutrition Metabolism and Cardiovascular Diseases* 2019 29 (2):127-134, <https://doi.org/10.1016/j.numecd.2018.10.011>
 11. Alison L. Eldridge, Carmen Piernas , Anne-Kathrin Illner , Michael J. Gibney , Mirjana A. Gurinović , Jeanne H.M. de Vries and Janet E. Cade , Evaluation of New Technology-Based Tools for Dietary Intake Assessment—An ILSI Europe Dietary Intake and Exposure Task Force Evaluation, *Nutrients* 2019, 11, 55; doi:10.3390/nu11010055
 12. Gavrieli, A., Naska, A., Berry, R., Roe, M., Harvey, L., Finglas, P., Glibetic, M., Gurinovic, M. & Trichopoulou, A. (2014). Dietary monitoring tools for risk assessment. EFSA supporting publication 2014, <https://doi.org/10.2903/sp.efsa.2014.EN-607>

PROJECTS

Projects International

- **EFSA project-Creation of Open Access EU Food Composition Database (EU FCDB)** EFSA Technical Tender: Reference: NP/EFSA/IDATA/2022/01 **2022.-2025.** coordinator for Serbian team and scientific co- coordinator of the project
- **GIANT LEAPS-Gap resolution in sAfety, NuTritional, aLlergenicity and Environmental assessments to promote Alternative Protein utilization and the dietary Shift (2022-2026)**, coordinator for Serbian team <https://www.capnutra.org/projects/>
- **BIOVALUE, Fork-to-farm agent-based simulation tool augmenting BIOdiversity in the agri-food VALUE chain, 2021-2025, H2020**, coordinator for Serbian team <https://www.capnutra.org/projects/>
- **FAO-LoA (2021-2023)-“Food system analysis and capacity development on food based dietary guidelines in five selected countries in Europe and Central Asia” under the framework of the regional project FAO Regional Technical Cooperation Programme (TCP) TCP/RER/3805 - “Enhancing analytical evidence on diet and nutrition challenges from food systems perspectives in response to COVID-19”** coordinator <https://www.capnutra.org/fao-capnutra-loa/>
- **FNS-Cloud Food Nutrition Security Cloud, (2019-2022) - Horizon 2020** <http://www.fns-cloud.eu/> ·research team leader for Serbia
- **Sustainability of the platforms for monitoring population food consumption habits and pilot study on web- and computer-based 24-h dietary recall tools (SUP-DIE) (2021-2021 CEI)** ·research team leader in Serbia
- **EFSA project-RPC (Raw Primary Commodity) model update, contract number OC/EFSA/DATA/2020/01 – CT1(2021)**
- **TRAIN-DIE -Training in dietary assessment and sharing platforms for monitoring population food consumption habits in a long-term perspective (2019-2020)** ·research team leader in Serbia
- **FOOD 2030, the FIT4FOOD2030 project - Future-proofing the European food systems through research & innovation, Expert member of the Expert group “EU Think Tank”(2017-2020)**

- EFSA "Support to National Dietary Surveys in Compliance with the EU Menu methodology (sixth support)" - "The adults' survey", including subjects from 10 to 74 years old (2017-2022)-Research Team leader in Serbia, advisory BIH
- EFSA "Support to National Dietary Surveys in Compliance with the EU Menu methodology (sixth support)" - "The children's survey", including subjects from three months up to 9 years old (2017-2021)-Research Team leader in Serbia, advisory MNE
- FAO LoA (2019) "Awareness Raising on the food system approach to address malnutrition" <https://www.capnutra.org/fao-capnutra-loa/> Coordinator
- EuroFIR, European Food Information Resource Network, Network of excellence, European Commission FP6 (2006 to 2010) Project coordinator for Serbia team and one WP
- EURRECA, Harmonising nutrient recommendations across Europe with special focus on vulnerable groups and consumer understanding, Network of excellence, European Commission FP6 (2007 to 2012) Project coordinator for Serbia, member of Steering Committee of NoE, Research leader for two WP
- BaSeFood FP7 (Sustainable exploitation of bioactive components from the Black Sea Area traditional foods) (2009-2012)
- CHANCE FP7- Low Cost technologies and traditional ingredients for the production of Affordable, Nutritionally correct, Convenient foods enhancing health in population groups at risk of poverty (2011-2014)
- EuroFIR Nexus FP7- EuroFIR Food Platform: Further integration, refinement and exploitation for its long-term self-sustainability (2011-2013) Project coordinator for Serbia
- EFSA "Updated food composition database for nutrient intake" 2012 Project Leader for Serbia
- EFSA "Dietary monitoring tools for risk assessment" (2012-2013) Project Leader for Serbia
- BACCHUSS-FP7 -Beneficial effects of dietary bioactive peptides and polyphenols on CVD health in humans, (2012-2016)
- ODIN-Food-based solutions for Optimal vitamin D Nutrition and health through the life cycle (613977) FP7- (2013-2017) two tasks leader, member for Serbia team
- Euro DISH- "Study on the need for food and health research infrastructures in Europe" (2012-2015) PAB Member

EXPERT GROUP MEMBER

[Current]

EXPERT GROUP MEMBER Mirjana Gurinović, MD PhD Nutrition, International Expert for Sustainable Food systems and Healthy Diets <https://www.capnutra.org/food-system/>

- European Food Safety Authority EFSA Scientific Network on Food Consumption Data representative for Serbia 2017-2023
- European Partnership for sustainable food systems for people, planet and climate: EC DG RTD and Standing Committee on Agricultural Research (SCAR) FOOD SYSTEMS Strategic working Group (SWG) FOOD SYSTEMS PARTNERSHIP STRATEGIC RESEARCH AND INNOVATION AGENDA (SRIA) Task leader for Thematic area Change the way we eat <https://scar-europe.org/food-main-actions/food-systems-partnership>
- European Commission (EC) High Level Expert Group (HLEG), whose mandate is to assess the needs, options, impacts and possible approach for an International Platform for Food Systems Science (IPFSS) https://ec.europa.eu/info/news/new-high-level-expert-group-assess-need-international-platform-food-systems-science-2021-feb-17_en Everyone at the Table: Transforming food systems by connecting science, policy and society, Publications Office of the European Union, 2022 <https://data.europa.eu/doi/10.2777/440690>
- Expert group member "EU Think Tank", FOOD 2030, the FIT4FOOD2030 project, EC Towards FOOD 2030 - Future-proofing the European food systems through research & innovation (<https://fit4food2030.eu/eu-think-tank/>), published 4 Policy Brief <https://fit4food2030.eu/reports-publications/#PolicyBriefs>
- Member of the Expert group for writing narrative for a European Partnership under Horizon Europe Safe and Sustainable Food Systems for People, Planet & Climate (2021) Narrative European Partnership on Safe and Sustainable Food Systems for People, Planet & Climate SCAR Strategic Working Group Food Systems <https://scar-europe.org/index.php/food-main-actions/food-systems-partnership>
- Expert group member on healthy and sustainable diets World Health Organization Regional Office for Europe. (2021). Report of an expert meeting on healthy and sustainable diets. <https://iris.who.int/bitstream/handle/10665/344940/WHO-EURO-2021-3148-42906-59870-eng.pdf?sequence=1>
- FAO Nutrition Expert coordinator-Regional Symposium on Sustainable Food Systems for Healthy Diets in Europe and Central Asia, A joint FAO/WHO Regional Symposium and initiative in collaboration with UNICEF and WFP Budapest, Hungary, 4-5 December 2017 <https://www.fao.org/europe/events/detail/Regional-Symposium-Sustainable-Food-Systems-for-Healthy-Diets-in-Europe-and-Central-Asia/en/>
- Expert group in Nutrition in the EHN-European Heart Network; <https://ehnheart.org/network/ehn-expert-groups/nutrition/> 'Diet, Physical Activity and Cardiovascular Disease Prevention in Europe' 2011 <https://ehnheart.org/library/publications/diet-physical-activity-and-cardiovascular-disease-prevention-2/> and Transforming European food and drink policies for cardiovascular health, 2017 https://ehnheart.org/wp-content/uploads/2023/05/Transforming-European-food-and-drink-policies_summary.pdf
- Chair of the Network for Capacity Development in Nutrition in Central and Eastern Europe (NCDNCEE-CAPNUTRA www.capnutra.org) from 2005
- Food Intake Methodology Task Force Expert Group on 'Evaluation of New Methods for Dietary Intake Assessment
- FAO Expert Invited speaker 41st FAO Conference Zero Hunger Side Event Zero Hunger in Europe and Central Asia "Progress on food security and nutrition stagnates in Europe and Central Asia" FAO HQ Wednesday, Rome, Italy, 26 June 2019, Triple burden of malnutrition in the ECA region: trend/transition, institutional support and coordination mechanisms <http://www.fao.org/webcast/home/en/item/5046/icode/>
- National Nutrition Counterpart for Serbia for collaboration with World Health Organization (WHO) from 2009-2011.
- Member of the Addition of Nutrients to Food Task Force Expert Group on Mapping Low Micronutrient Intake across Europe
- Member of the Board of the European Nutrition Leadership Platform (ENLP)

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- Expert group member for the "National Programme for prevention, medical treatment and control of Cardiovascular diseases (CVD) in Serbia until 2020, (responsible for Nutrition and obesity prevention)