

Project proposal title (up to 200 characters): A bioinformatics approach to dairy cattle breeding using genomic selection

Acronym (up to 20 characters): BioITGenoSelect

Name, father's/mother's name and family name: **Mirko, Miroslav, Ivković**

Principal Investigator (PI) or Participant: **Participant**

Contact e-mail, phone and web page (if available): mirko.ivkovic@stocarstvo.edu.rs, +381214853365

Username in the base of researches of the Ministry responsible for scientific research: mirko.ivkovic@stocarstvo.edu.rs

Name and address of the Scientific institution during the implementation of the Project and Scientific institution contact person: **Faculty of Agriculture, University of Novi Sad, Trg Dositeja Obradovića 8, 21101 Novi Sad, dr Snezana Trivunovic, full professor, snezana.trivunovic@stocarstvo.edu.rs**

BIOGRAPHY

- Date and place of birth: **December, 29. 1985, Subotica, Serbia**
- Age: **33**
- Citizenship: **Serbia**

- Research field and area/areas (at most five): **Animal Science, Animal Nutrition**

- Education:
University of Novi Sad, Faculty of Agriculture, Novi Sad, Serbia
 - PhD** in Animal Science – Animal Nutrition, 2015 (grade point average 10/10 max) “Natural carbohydrate fraction from the cell wall of yeast (*Saccharomyces cerevisiae*) in broiler chicken nutrition”
 - Master** in Animal Science – Animal Nutrition, 2009 (grade point average 10/10 max) “Determining digestibility of nutrients and energy in broiler chickens”
 - Bachelor** in Animal Science – Animal Nutrition, 2004–2008 (grade point average 9.88/10 max) “Particle size in dairy cattle rations”

- Name, family name and title of the Ph.D. thesis supervisor: **Dragan Glamočić, full professor; Lidija Perić, full professor**

- Dates of appointments (researcher and scientific titles, i.e., equivalent titles in higher education):
 - Assistant professor**, Nov. 2016 – present, Department of Animal Science, Faculty of Agriculture, University of Novi Sad, Serbia
 - Teaching assistant**, May 2010 – Nov. 2016, Department of Animal Science, Faculty of Agriculture, University of Novi Sad, Serbia

- Employment history (institutions and to/from dates up to the day of the proposal submission):
From 2010 Department of Animal Science, Faculty of Agriculture, University of Novi Sad, Serbia

- List of selected publications (up to five most important publications in the research field of the Project).
 1. **Ivković M.**, Glamočić D., Jajić I., Beuković D., Stanivuk J. (2013): Stochastic programming in animal nutrition. 23rd International Symposium “New Technologies in Contemporary Animal Production”, June 19-21, 2013, Novi Sad, Serbia. Proceedings, 206-208. ISBN: 978-86-7520-271-4., M33
 2. Popović-Vranješ A., Trivunović S., Janković D., Boboš S., Pajić M., Jajić I., **Ivković M.**, Pihler I., Pejanović R., Vlahović B. (2014): Proizvodnja, prerada i plasman mleka i autohtonih mlečnih proizvoda u AP Vojvodini. Poljoprivredni fakultet, Novi Sad. ISBN: 978-86-7520-304-9, M45
 3. **Ivković M.**, Jajić I., Krstović S., Stanivuk J., Glamočić D. (2019): Corn Silage Quality in Vojvodina Province in Two Seasons. Scientific Papers: Animal Science and Biotechnologies, 52(1), 61-64. ISSN print 1841 – 9364, E-ISSN 2344 – 4576, M51
 4. Glamočić D., **Ivković M.** (2008): Ispitivanje veličine čestica u obrocima za krave muzare. Savremena poljoprivreda 57 (3-4), 57-63. ISSN 0350-1205, E-ISSN 2466-4774., M51

- Citation number (excluding self-citations) from SCOPUS citation databases: **3**
- Hirsch index from SCOPUS: **1**
- Participant in the following national projects:

Sustainable conventional and revitalized traditional production of poultry meat and eggs with added value, No TR-31033 project financed by the Ministry of Education, Science and Technological Development, Republic of Serbia, project period 2011-2019.

- International scientific collaboration and mobility:
Erasmus+ staff mobility for teaching
8 – 23. July 2016. Germany, University of Applied Sciences Weihenstephan-Triesdorf
- Skills and other facts relevant to the Project.
Knowledge of computer programs:
Statistica - data analysis
Advanced Excel VBA Programming
Language:
Serbian, English

Other:
Modeling in animal science
- Links for reasearch pages:
<http://knr.uns.ac.rs/imenikSvi.xhtml> Type in: Ivković Mirko
<https://www.scopus.com/authid/detail.uri?authorId=56577863300>