

Dr Borislav Banjac, vanredni profesor

Uža naučna oblast: Genetika, oplemenjivanje biljaka i semenarstvo

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Obrazovanje

- **Diplomirani inženjer (2007)** – Univerzitet u Novom Sadu, Poljoprivredni fakultet Novi Sad, smer – Ratarstvo i povrtarstvo
- **Master (2008)** – Univerzitet u Novom Sadu, Poljoprivredni fakultet Novi Sad, smer - Genetika, oplemenjivanje biljaka i semenarstvo
- **Doktor nauka (2015)** – Univerzitet u Novom Sadu, Poljoprivredni fakultet Novi Sad, smer Agronomija

Odabrane publikacije

1. **Banjac, B.**, Mladenov, V., Dimitrijević, M., Petrović, S., Boćanski, J. (2014): Genotype × environment interactions and phenotypic stability for wheat grown in stressful conditions. *Genetika*, Vol 46, No. 3, 799-806
2. **Banjac, B.**, Mladenov, V., Dimitrijević, M., Petrović, S., Hristov, N. (2014): Relation between grain protein content and grain yield in South East Europe widespread cultivars of bread wheat in normal and abiotic stress conditions. The book of abstracts. V CASEE Conference, „Healthy Food Production and Environmental Preservation-The Role of Agriculture, Forestry and Applied Biology“, 25 -27.05.2014. Novi Sad, p: 37-38
3. Dimitrijević, M., Petrović, Sofija, **Banjac, B.** (2012): Wheat breeding in abiotic stress conditions of solonetz, *Genetika*, Vol 44, No. 1, 91-100
4. Mladenov V, **Banjac B**, Krishna A, Milošević M. (2012): Relation of grain protein content and some agronomic traits in European cultivars of winter wheat. *Cereal Research Communication*. 40(4): 532-541
5. Mladenov V, **Banjac B**, Milošević M (2012): Evaluation of yield and seed requirements stability of bread wheat (*Triticum aestivum* L.) *via* AMMI model. *Turkish Journal of Field Crops* 17(2): 203-208

Odabrani projekti

1. Povećanje genetičkih i proizvodnih potencijala strnih žita primenom klasične i moderne biotehnologije. TR-20138, 2008-2011 (Učesnik)

2. Savremeno oplemenjivanje strnih žita za sadašnje i buduće potrebe. TR-31066, 2011-2014 (Učesnik)

Akaderske aktivnosti

- **Izvođenje teorijske i praktične nastave iz predmeta** iz uže naučne oblasti Genetika, oplemenjivanje biljaka i semenarstvo

Članstvo u udruženjima

- Društvo genetičara Srbije
- Društvo selekcionera i semenara Republike Srbije

Ostale aktivnosti

- Govori, čita i piše engleski jezik
- Bavi se proćavanjem biometrijskih modela za praćenje interakcije genotip/spoljna sredina

Associate Professor Borislav Banjac, Ph. D.

Field of research: Genetics, Plant Breeding and Seed Science

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Academic qualifications

- **B. Sc.** (2007) - University of Novi Sad, Faculty of Agriculture
- **M. Sc.** (2008) - University of Novi Sad, Faculty of Agriculture
- **Ph. D.** (2015) - University of Novi Sad, Faculty of Agriculture

Selected publications

1. **Banjac, B.**, Mladenov, V., Dimitrijević, M., Petrović, S., Boćanski, J. (2014): Genotype × environment interactions and phenotypic stability for wheat grown in stressful conditions. Genetika, Vol 46, No. 3, 799-806
2. **Banjac, B.**, Mladenov, V., Dimitrijević, M., Petrović, S., Hristov, N. (2014): Relation between grain protein content and grain yield in South East Europe widespread cultivars of bread wheat in normal and abiotic stress conditions. The book of abstracts. V CASEE Conference, „Healthy Food Production and Environmental Preservation-The Role of Agriculture, Forestry and Applied Biology“, 25 -27.05.2014. Novi Sad, p: 37-38

3. Dimitrijević, M., Petrović, Sofija, **Banjac, B.** (2012): Wheat breeding in abiotic stress conditions of solonetz, *Genetika*, Vol 44, No. 1, 91-100
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Selected projects

1. Increment of genetic and production potentials of small grains with the use of classical and modern biotechnology. TR-20138, 2008-2011 (Participant)
2. Modern breeding of small grains for present and future needs. TR-31066, 2011-2014 (Participant)

Academic activities

- Teaching at undergraduate and master studies

Memberships

- Serbian Genetic Society
- Serbian Association of Plant Breeder and Seed Producers

Other activities

- Language skills: English
- Learning biometrics models for genotype/environment interaction