

PERSONAL INFORMATION

Vlatko Galić



 Ivana Zajca 15, 31000 Osijek (Croatia)

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Sex Male | Date of birth 13/11/1990 | Nationality Croatian

WORK EXPERIENCE

01/01/2015–31/12/2018

Research assistant - PhD student

Agricultural institute Osijek, Osijek (Croatia)

- Breeding for earliness in common maize heterotic patterns
- Doctoral thesis- related liabilities
- Research in maize stress tolerance
- Data analysis

01/01/2019–Present

Postdoctoral researcher

Agricultural Institute Osijek, Osijek (Croatia)

- Introduction of new sources of earliness in maize breeding program
- Data analysis
- Quantitative genetic analyses of breeding trial data
- Application of genomic selection and other means of indirect selection
- Finding new physiologically relevant variables that correlate with performance in stress conditions

12/2019–Present

Associate in course "Molecular genetics"

Department of Biology, J.J. Strossmayer university of Osijek, Osijek

Teaching associate

EDUCATION AND TRAINING

09/2005–05/2009

Technician in agriculture - Phytopharmacy

EQF level 4.2

Highschool in Valpovo, Valpovo (Croatia)

09/2009–07/2012

Bachelor's Degree in Horticulture

EQF level 6

Faculty of agriculture in Osijek, Osijek (Croatia)

10/2012–23/06/2014

Master's Degree in Agronomy

EQF level 7.1

Faculty of agriculture in Osijek, Osijek (Croatia)

- Plant nutrition and physiology
- Soil sciences

10/2013–03/10/2016

Master's Degree in Organic farming

EQF level 7.1

Faculty of agriculture in Osijek, Osijek (Croatia)

- Organic farming

- Ecologically acceptable food production

19/01/2015–16/03/2018

PhD in interdisciplinary area (fields Biology/Agronomy)

EQF level 8.2

Molecular biosciences - Department of biology, Josip Juraj Strossmayer University in Osijek (Molekularne bioznanosti - Sveučilište Josipa Jurja Strossmayera u Osijeku), Osijek (Croatia)

- Thesis entitled "Quantitative trait loci analysis and genomewide selection for grain yield in testcrosses of maize IBMSyn4 population"
- Main aim of thesis was to investigate the correlations between the rrBLUP marker effects and LOD scores in QTL mapping

link to thesis:

http://rektorat.unios.hr/molekulama/dokumenti/storage/završeni_doktorati/vlatko.galic.pdf

PERSONAL SKILLS

Mother tongue(s) Croatian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages - Self-assessment grid

Communication skills Good communication skills

Job-related skills

- Professional practice and voluntary work in Laboratory for Plant nutrition and physiology, Department of Agroecology, Faculty of agriculture in Osijek (2012, 2013 and 2014)
- Completion of the course "Breeding plants using Genomics, Phenomics and Agronomics" held at BOKU University, Vienna, Austria (9.-25. November 2015) by professor Rex Bernardo**
- One month training in data analysis at prof. Rex Bernardo's group in St. Paul, Minnesota, USA (March 2017)**
- Attendance at many plant breeding and physiology related conferences and workshops (2014 - 2019)**

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital skills - Self-assessment grid

- Proficiency in Microsoft Office package
- Statistic data processing in free software
- Advanced user of Photoshop and CorelDraw in 2d vector graphics
- Basics of C/C++ programming
- Intermediate proficiency in R programming
- Proficiency in packages for mixed model statistics (*lme4, nlme, rrBLUP, sommer*) and regression tools in R (*pIs, BGLR,...*)

Driving licence AM, B

ADDITIONAL INFORMATION

- Professional goals
- Further specialisation in maize breeding, genetics and physiology with emphasis on stress tolerance
 - Making use of partially genotyped trial data sets
 - Professional training Croatia and abroad

Scholarships and awards Rectors award (2014) for a high GPA and excellence in seminar writing

Publications Research Gate: [LINK](#)
Publons: [LINK](#)
Croatian science bibliography: [LINK](#)

- Hobbies
- Playing guitar and bass guitar
 - Reading books
 - Biking
 - Amateur photography