

PERSONAL INFORMATION

PhD Daniela Horvat, Scientific Advisor



✉ daniela.horvat@poljin.hr

Sex Female | Date of birth 16/10/1967 | Nationality Croatian

WORK EXPERIENCE

1994 – today
Type of business of sector
2016-present
2011- 2016
2008 –2011
2005 –2008
2001 - 2005
1995 –2001

Agricultural Institute Osijek, Juzno predgradje 17, 31000 Osijek, Croatia
Scientific institution, Biotechnical Science, Agriculture, Genetics and Plant Breeding
Position – Scientific Advisor
Position - Senior Scientific Associate
Position - Scientific Associate
Position - Scientific Novice / Senior Assistant
Position - Scientific Novice / Assistant
Position - Scientific Novice / Young Assistant

Main activities and responsibilities
Evaluation of wheat grain and flour quality, screening wheat germplasm for desired end-use quality by using selective biochemical tests based on protein profiles, bioactive components in cereals and leguminoses

EDUCATION AND TRAINING

10 February 2005
18 July 2001
29 April 1991

PhD, Faculty of Food Technology , University J.J. Strossmayer in Osijek, Croatia
MSc, Faculty of Food Technology and Biotechnology, University of Zagreb, Croatia
BSc, Faculty of Food Technology, University J.J. Strossmayer in Osijek, Croatia

PERSONAL SKILLS

Mother tongue(s) **Croatian**

English

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
B2	C1	B2	B2	C1

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

Communication skills

- Creativity, innovation, proactivity, tendency to teamwork and cooperation, the ability to learn and transfer the acquired knowledge to other colleagues, good communication and presentation skills gained through work in scientific research teams

Organisational / managerial skills

- Head of Department of Agrochemical Laboratory of the Agricultural Institute Osijek, 2016-present
- Member of national organizing committee of CROLAB conference "Laboratory Competence", Vinkovci 2016.
- Contribution to the improvement / construction of scientific infrastructure (space / equipment) at the Agricultural Institute Osijek
- The function of a member of the editorial board of the scientific journal - Journal of Food Processing and Technology (from 2014-2015) and Croatian Journal of Food Science and Technology (2015-2020)
- The function of the reviewer in scientific journals – about 20 peer-reviewed papers
- Member of the Committee for drafting the Code of Ethics of the Agricultural Institute Osijek, 2012
- President of the Ethics Committee Agricultural Institute Osijek, 2013-2017
- Member of the Working Group for the preliminary infrastructure project "Capacity building for plant breeding and genomic research in Eastern Croatia", 2013.
- Member of organizing and scientific committee of 6th International Congress "Flour-Bread '11" and 8. Croatian Congress of Cereal Technologist "Flour-Bread '11" (12.-14. october 2011., Opatija).
- Mentorship and/or member of the expert committees of defended doctoral and graduate thesis at the Faculty of Food Technology Osijek (17) and Agronomic Faculty Zagreb (1) from 2007 to present
- Members of the expert committee in the election procedure for scientific titles at the Faculty of Food Technology Osijek from 2009 to present
- Member of the Scientific Council of the Agricultural Institute Osijek from 2001 to present

Computer skills

- Good command of Microsoft Office™ tools (Word, Excel, PowerPoint), Internet, Scientific databases and Statistical programs

Driving licence

- B

ADDITIONAL
INFORMATION

- Projects**
- Leadership:**
- Genetic polymorphism of gluten proteins and its relationship with bread-making quality of wheat; 2011-2012, bilateral project with the Republic of Serbia - Ministry of Science, Education and Sports of the Republic of Croatia
- Participation:**
- Wheat breeding for resistance to Fusarium head blight combined with mycotoxin analysis and antioxidant pathways"-Installation Research projects, 2015-2018, Croatian Science Foundation
 - Development of the production and use of naked barley in human nutrition, animal husbandry and malting, 2015-2017, Ministry of Agriculture of the Republic of Croatia
 - The development of new germplasm in breeding of quantitative wheat traits, 2007-2013, Ministry of Science, Education and Sports of the Republic of Croatia
 - Evaluation of Field Crops Quality, 2002-2006, Ministry of Science, Education and Sports of the Republic of Croatia
 - Breeding and genetics of wheat and barley characteristics, 1997-2002, Ministry of Science, Education and Sports of the Republic of Croatia

- Conferences**
- Active participation in more than 40 international and national scientific conferences (<http://bib.irb.hr/lista-radova?autor=220423>)

- Seminars**
- Using standard HRN EN ISO/IEC 17025, Zagreb, 16-18.09.2015., Croatian Metrology Society
 - Laboratory on the market, Zagreb, 25.10.2012, CroLab
 - Statistical methods for the analysis of measurement results Zagreb, 28.10.2008., Croatian Metrology Society
 - Measurement uncertainty for practitioners, Zagreb 25-27.11.2006., Croatian Metrology Society
 - HPLC Method Development Course "and" HPLC Troubleshooting, Rogla, Slovenia, 7-10.06.2006., Instrumentalia & Waters
 - Analysis of Molecular Diversity, 09-11.11.2005., Osijek, organized by the Faculty of Agronomy, University of Zagreb

- Scientific papers**
- So far published over 50 scientific papers indexed in international referral databases (<https://bib.irb.hr/lista-radova?autor=220423>)

- Awards**
- Rector's Award of the University J.J. Strossmayer in Osijek - in 1989
- Membership in science organization**
- Member of the Croatian Society of Chemical Engineers from 2000 to present