

PERSONAL INFORMATION

Surname(s) / First name(s)

Address(es)

Telephone(s)

Fax(es)

E-mail(s), Web address(s)

Nationality(-ies)

Date of birth

Identification number from Records of Scientific Workers

Ćurković Perica MirnaUniversity of Zagreb, Faculty of Science, Department of Biology
Marulićev trg 9a, 10000 Zagreb, Croatia

**385-1- 4898076

**385-1- 4898081

mirna.curkovic-perica@biol.pmf.hr

Croatian

November 5th, 1967.

189651

WORK EXPERIENCE

• Dates (from – to)

Name and address of employer

Type of business or sector

Occupation or position held

Main activities and responsibilities

From January 2013 -

Univ. of Zagreb, Faculty of Science, Department of Biology, Division of Microbiology
Marulićev trg 9a, Zagreb, Croatia

Higher education and research

Full Professor, Vice Head of the Department of Biology (2016-2017)

lecturing and research

I am a lecturer of several courses at the Faculty of Science, University of Zagreb: "Methods for Nucleic Acids Analysis", "Microbiology", "Microbial Ecology", "Biological Control of Plant Diseases"

My research encompasses: molecular diversity of pathogens; biological control and interactions between hosts and pathogens, effects of elicitors, plant secondary metabolites.

I am leading a national project "Diversity and interactions of chestnut, chestnut blight fungus and biocontrol agent – virus: implications on chestnut recovery", I am a co-applicant in multilateral SCOPES project financed by Swiss National Science Foundation "Invasive chestnut diseases in the Balkans and Georgia – epidemiological research and management options" and leader of several university projects..

2009.- 2013.

Univ. of Zagreb, Faculty of Science, Department of Biology,
Marulićev trg 9a, Zagreb, Croatia

Higher education and research

Associate Professor, Head of the Division of Microbiology (from 2011-2014)

lecturing and research

I am a lecturer of several courses at the Faculty of Science, University of Zagreb and Division of Biology, University of J.J. Strossmayer in Osijek: "Methods for Nucleic Acids Analysis", "Microbiology", "Microbial Ecology", "Biological Control of Plant Diseases", "Virology" and "Plant Tissue Culture and Genetic Engineering"

My research encompasses: biological activities of plant growth regulators on bacteria, namely phytoplasmas and their hosts; molecular characterization of the phytopathogenic fungus *Cryphonectria parasitica* and associated hypovirus and their interactions.

I am leading a national project "Biological control of plant diseases" and I am a co-applicant in multilateral SCOPES project financed by Swiss National Science Foundation "Chestnut blight research in the Balkans and Georgia: population studies and biological control methods".

• Dates (from – to)

Name and address of employer

Type of business or sector

Occupation or position held

Main activities and responsibilities

2003. - 2009.

Univ. of Zagreb, Faculty of Science, Dept of Biology, Division. of Botany
Marulićev trg 9a, Zagreb, Croatia

Higher education and research

Assistant Professor

lecturing and research

I am a lecturer of the course Methods for Nucleic Acids Analysis. I am also involved in practical

• Dates (from – to)	teaching of the courses: “Virology”, “General Virology”, “Fundamental Microbiology” and “Microbiology”.
Name and address of employer	My research encompasses: molecular characterization of the phytopathogenic fungus <i>Cryphonectria parasitica</i> , viruses and phytoplasmas; horizontal gene transfer; production of antiviral substances.
Type of business or sector	I am leading projects: “Biological control of plant diseases” financed by Croatian ministry of science education and sport, “Molecular plant microbe interactions”(COGITO project financed by France and Croatia 2007/08), project on chestnut blight financed by industry (Tanin) and I am a co-applicant in SCOPES project, “Epidemiology and population structure of <i>Cryphonectria parasitica</i> and associated <i>Cryphonectria hypoviruses</i> in the Balkans” (financed by SNSF).
Occupation or position held	1998. - 2003.
Main activities and responsibilities	Univ. of Zagreb, Faculty of Science, Dept. of Biology, Marulićev trg 9a, Zagreb, Croatia
	Higher education and research
	Post. Doc.
	lecturing and research
	I am involved in teaching of the courses: “Virology”, “General Virology”, “Fundamental Microbiology”, “Microbiology” and “Research Methods in Molecular Biology”. From 2001/2002 I am a lecturer of the course “Methods for Nucleic Acid Analysis”.
	My research encompasses: molecular characterization of viruses and phytoplasmas; propagation of endangered plant species and species with interesting secondary metabolites like antiviral substances; horizontal gene transfer between bacteria and plants
• Dates (from – to)	1991- 1998.
Name and address of employer	Tobacco Institute Zagreb, Planinska 1, 10000 Zagreb, Croatia
Type of business or sector	Research
Occupation or position held	Research assistant
Main activities and responsibilities	I am fully responsible for the implementation of tissue culture and molecular biology methods in tobacco breeding. I am planning and managing all projects of the Plant Tissue Culture Lab and designing and controlling experiments in field trials.

EDUCATION

Date	1992. - 1996.
Place of education	Zagreb
Name and type of organisation providing education	Univ. of Zagreb, Faculty of Science
Title or qualification awarded	Ph. D. in Biology
Date	1990. - 1992.
Place of education	Zagreb
Name and type of organisation providing education	Univ. of Zagreb, Faculty of Science
Title or qualification awarded	M. Sc. in Molecular and Cellular Biology
Date	1986. - 1990.
Place of education	Zagreb
Name and type of organisation providing education	Univ. of Zagreb, Faculty of Science
Title or qualification awarded	B. Sc. in Molecular and Cellular Biology

TRAINING

Year	2007/08
Place of training	Versailles, France, bilateral COGITO project
Name and type of organisation providing training	INRA, Lab. de Biologie de la Rhizosphere
Principal subjects/Occupational skills covered	Microbiology, phytopathology, horizontal gene transfer - done during my visit to INRA; effect of oomycetal elicitor on secondary metabolite production – done by French scientists at the University of Zagreb).
Year	2006

Place of training	Birmensdorf, Switzerland
Name and type of organisation providing training	WSL
Principal subjects/Occupational skills covered	Biological control
Year	September-October 2005.
Place of training	Versailles, France, Tempus Grant
Name and type of organisation providing training	INRA, Lab. de Biologie de la Rhizosphere
Principal subjects/Occupational skills covered	Microbiology, phytopathology, horizontal gene transfer
Year	November-December 1999.
Place of training	Versailles, France
Name and type of organisation providing training	INRA, Lab. de Biologie de la Rhizosphere, French government grant
Principal subjects/Occupational skills covered	Microbiology, plant tissue culture, horizontal gene transfer
Year	April-October 1997.
Place of training	Graz, Austria
Name and type of organisation providing training	Karl-Franzes Univ, Institute of Microbiology, Post Doc
Principal subjects/Occupational skills covered	Molecular microbiology
Year	January-May 1995.
Place of training	Versailles, France
Name and type of organisation providing training	INRA, Lab. de Biologie de la Rhizosphere, French government grant
Principal subjects/Occupational skills covered	Molecular analysis of transformed plant tissues, research in the frame of my PhD

PERSONAL SKILLS AND COMPETENCIES

Mother tongue(s)

Croatian

Other language(s)

Language	English
Speaking	Excellent
Writing	Excellent
Understanding (listening and reading)	Excellent
Language	German
Speaking	Good
Writing	Good
Understanding (listening and reading)	Good
Language	French
Speaking	Basic knowledge
Writing	Basic knowledge
Understanding (listening and reading)	Basic knowledge

SOCIAL SKILLS AND COMPETENCIES

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| <ul style="list-style-type: none"> -Hosting foreign researchers -Membership in professional organisations and associations -More than 100 presentations on scientific conferences -Lectures, TV presentations and articles for popularization of science |
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**ORGANISATIONAL SKILLS AND
COMPETENCIES**

<p>- Leader of several scientific and environmental projects</p> <p>- Mentorship of 6 PhD students and 28 MSc and BSc students</p> <p>- Organisation and scientific committees of conferences</p> <p>- Editorship for microbiology in Acta Botanica Croatica</p> <p>- Head/Member of the State committee for control of GMO introduction into environment</p> <p>Research projects:</p> <p>led projects:</p> <p>-2014-2017 - leader of the project "Diversity and interactions of chestnut, chestnut blight fungus and biocontrol agent-virus: implications on chestnut recovery" (project financed by Croatian Science Foundation)</p> <p>-2014-2017 co-applicant and leader of the Croatian team in multilateral project entitled "Invasive chestnut diseases in the Balkans and Georgia – epidemiological research and management options" financed by Swiss National Science Foundation (SNSF)</p> <p>-2013-2014 - leader of the project "Genomics and molecular epidemiology of plant pathogens" (Financial support of the University of Zagreb)</p> <p>-2009-April 2013 - co-applicant and leader of the Croatian team in multilateral project entitled "Chestnut blight research in the Balkans and Georgia: population studies and biological control methods" financed by Swiss National Science Foundation (SNSF)</p> <p>-2007-2013 leader of the national project "Biological control of plant diseases" -financed by Ministry of Science, Education and Sport of the Republic of Croatia (MZOS Project number 119-1191192-1215)</p> <p>-2007/08 leader of Croatian team in bilateral COGITO French-Croatian project "Molecular plant-microbe interactions"</p> <p>-2006-2008 - co-applicant and leader of the Croatian team in project financed by SNSF, "Epidemiology and population structure of Cryphonectria parasitica and associated Cryphonectria hypoviruses in the Balkans"</p> <p>-2004-2007 - leader of the project "Population structure and characterization of Cryphonectria parasitica" financed by factory Tanin</p> <p>Collaborator in the projects:</p> <p>- Dynamics of virus infection in mycovirus-mediated biological control of a fungal pathogen (DynaMyco) CSRP IZHRZO_180651-2014 led by dr. sc. Daniel Rigling and dr.sc. Marin Ježić (SNSF and Croatian Science Foundation)</p> <p>- From field to orchard: wild sweet chestnut populations and marron characteristics and adaptability to stress IP-2018-01-1295 led by prof. dr. Marilena Idžojić (Croatian Science Foundation)</p> <p>"Ecology and genomics of environmental pathogens" led by prof. dr. Jasna Hrenović (Financial support of the University of Zagreb)</p> <p>-MZOS project "Organization and function of plant cells and tissues upon the oxidative stress (073-0731674-1673)" led by prof. dr. Hrvoje Lepeduš (Agricultural Institute Osijek)</p> <p>-COST action: Phytoplasma epidemics in different crop systems</p> <p>-MZOS project "Plant viruses, subviral pathogens and phytoplasmas", led by prof. dr. Mladen Krajačić (University of Zagreb, Faculty of Science)</p> <p>-Technological project (12.2001-12.2004) "Evaluation and introduction of wild species of ornamental plants in horticulture", led by prof. dr. Ines Vršek (University of Zagreb, Faculty of Agriculture)</p> <p>-"VIP" project financed by Ministry of Agriculture of the Republic of Croatia "Control of grapevine yellows in Croatia", led by prof. dr. Bernard Kozina (University of Zagreb, Faculty of Agriculture)</p> <p>-Project financed by MZT RH (Ministry of Science and Technology of the Republic of Croatia) and Ministry of Development and Reconstruction entitled "Molecular detection and identification of phytoplasmas –causal agents of grapevine yellows", led by prof. dr. Mladen Krajačić (University of Zagreb, Faculty of Science)</p> <p>-MZT RH (Ministry of Science and Technology of the Republic of Croatia) project "Viruses and subviral pathogens", led by prof. dr. Nikola Juretić (University of Zagreb, Faculty of Science)</p> <p>-MZT RH project "Development of pathogen-resistant tobacco cultivars with better smoking characteristics (092002)", led by dr. Jure Beljo (Tobacco Institute Zagreb)</p> <p>-MZT RH project "Factors for optimal growth and higher commercial value of tobacco (4-01-035)", led by dr. Nikola Vuletić (Tobacco Institute Zagreb)</p>

Book chapters

Ćurković-Perica, Mirna

Effect of auxins on plant pathogenic phytoplasmas and phytoplasma-infected host. // *Auxins: Structure, Biosynthesis and Functions* / Keller, Andrew H ; Fallon, Michelle D. (ed.). New York: Nova Science Publishers, Inc., 2012. pp. 93-101

Medak, Jasnica; Idžojtić, Marilena; Novak-Agbaba, Sanja; Ćurković-Perica, Mirna; Mujić, Ibrahim; Poljak, Igor; Juretić, Davor; Željko, Prgomet
Croatia. // *Following chestnut footprints (Castanea spp.)*, Cultivation and culture, folklore and history, traditions and uses / Avanzato, Damiano (ed.). Cuneo: International Society for Horticultural Science, 2009. pp. 40-43

Šeruga Musić, Martina; Ćurković Perica, Mirna; Škorić, Dijana

Isolation of DNA from plant tissue for phytoplasma detection. // *Metode u molekularnoj biologiji* / Ambriović Ristov, Andreja (ed.). Zagreb: Institut Ruđer Bošković, 2007. pp. 176-178

Škorić, Dijana; Ćurković Perica, Mirna

Extraction of plant virus double-stranded RNAs. // *Metode u molekularnoj biologiji* / Ambriović Ristov, Andreja (ed.). Zagreb: Institut Ruđer Bošković, 2007. pp. 250-252

Ćurković Perica, Mirna

Isolation of double-stranded RNA from fungal viruses. // *Metode u molekularnoj biologiji* / Ambriović Ristov, Andreja (ed.). Zagreb: Institut Ruđer Bošković, 2007. pp. 253-255

Scientific and review papers (2012-2021)

Škorić, Dijana; Černi, Silvija; Ćurković-Perica, Mirna; Ježić, Marin; Krajačić, Mladen; Šeruga Musić, Martina. Legacy of Plant Virology in Croatia—From Virus Identification to Molecular Epidemiology, Evolution, Genomics and Beyond. // *Viruses-Basel*, 13 (2021), 12; 2339, 17 doi:10.3390/v13122339 (international peer review, review, scholarly)

Katanić, Zorana; Krstin, Ljiljana; Ježić, Marin; Čaleta, Bruno; Stančin, Paula; Zebec, Marko; Ćurković-Perica, Mirna. Identification and characterization of the causal agent of Dutch elm disease in Croatia. // *European journal of forest research*, 139 (2020), 805-815 doi:10.1007/s10342-020-01286-4 (international peer review, article, scholarly)

Krstin, Ljiljana; Katanić, Zorana; Repar, Jelena; Ježić, Marin; Kobaš, Ana; Ćurković-Perica, Mirna. Genetic diversity of *Cryphonectria hypovirus 1*, a biocontrol agent of chestnut blight, in Croatia and Slovenia. // *Microbial ecology*, 79 (2020), 148-163 doi:10.1007/s00248-019-01377-9 (international peer review, article, scholarly)

Diminić, Danko; Kranjec Orlović, Jelena; Lukić, Ivan; Ježić, Marin; Ćurković-Perica, Mirna; Pernek, Milan. First Report of Charcoal Disease of Oak (*Biscogniauxia mediterranea*) on *Quercus* spp. in Croatia. // *Plant disease*, 103 (2019), 10; 2687-2687 doi:10.1094/PDIS-03-19-0458-PDN (international peer review, article, scholarly)

Bošnjak Mihovilović, Anita; Barić, Marijana; Bolarić, Snježana; Safner, Toni; Ćurković-Perica, Mirna; Mitić, Božena; Bohanec, Borut; Habuš Jerčić, Ivanka; Kereša, Snježana. Plant regeneration and clonal fidelity assessment of subendemic species *Iris illyrica* Tomm. originated from Croatia. // *Journal of central European agriculture*, 20 (2019), 1; 415-430 doi:10.5513/JCEA01/20.1.2126 (international peer review, article, scholarly)

Ježić, Marin; Kolp, Matthew; Prospero, Simone; Sotirovski, Kiril; Double, Mark; Rigling, Daniel; Risteski, Mihajlo; Karin-Kujundžić, Valentina; Idžojtić, Marilena; Poljak, Igor; Ćurković-Perica, Mirna. Diversity of *Cryphonectria parasitica* in callused chestnut blight cankers on European and American chestnut. // *Forest pathology*, 49 (2019), 6; e12566, 8 doi:10.1111/efp.12566 (international peer review, article, scholarly)

Vuković, Rosemary; Liber, Zlatko; Ježić, Marin; Sotirovski, Kiril; Ćurković-Perica, Mirna. Link between epigenetic diversity and invasive status of south-eastern European populations of phytopathogenic fungus *Cryphonectria parasitica*. // *Environmental microbiology*, 21 (2019), 12; 4521-4536 doi:10.1111/1462-2920.14742 (international peer review, article, scholarly)

Mlinarec, Jelena; Nuskern, Lucija; Ježić, Marin; Rigling, Daniel; Ćurković-Perica, Mirna. Molecular evolution and invasion pattern of *Cryphonectria hypovirus 1* in Europe: Mutation rate, and selection pressure differ between genome domains. // *Virology*, 514 (2018), 156-164. doi:10.1016/j.virol.2017.11.011 (international peer review, article, scholarly)

Mlinarec, Jelena; Ježić, Marin; Ćosić, Jakov; Ćurković-Perica, Mirna. Multilocus PCR assay reveals high diversity of vegetative compatibility types in populations of *Cryphonectria parasitica* in Croatia. // *Plant Pathology*, 67 (2018), 3; 741-749 doi:10.1111/ppa.12751 (international peer review, article, scholarly)

Nuskern, Lucija; Ježić, Marin; Liber, Zlatko; Mlinarec Novosel, Jelena; Ćurković Perica, Mirna. *Cryphonectria hypovirus 1*-Induced Epigenetic Changes in Infected Phytopathogenic Fungus *Cryphonectria parasitica*. // *Microbial ecology*, 75 (2018), 3; 790-798 doi:10.1007/s00248-017-1064-1 (international peer review, article, scholarly)

Ježić, Marin; Mlinarec, Jelena; Vuković, Rosemary; Katanić, Zorana; Krstin, Ljiljana; Nuskern, Lucija; Poljak, Igor; Idžojtić, Marilena; Tkalec, Mirta; Ćurković Perica, Mirna. Changes in *Cryphonectria parasitica* Populations Affect Natural Biological Control of Chestnut Blight. // *Phytopathology*, 108 (2018), 7; 870-877 doi:10.1094/PHYTO-07-17-0252-R (international peer review, article, scholarly)

Poljak, Igor; Idžojtić, Marilena; Šatović, Zlatko; Ježić, Marin; Ćurković Perica, Mirna; Simovski, Bojan; Acevski, Jane; Liber, Zlatko. Genetic diversity of the sweet chestnut (*Castanea sativa* Mill.) in central Europe and the western part of the Balkan Peninsula, and evidence of marron genotype introgression into wild populations. // *Tree Genetics and Genomes*, (2017), 1; 13-1 doi:10.1007/s11295-017-1107-2 (international peer review, article, scholarly)

Krstin, Ljiljana; Katanić, Zorana; Ježić, Marin; Poljak, Igor; Nuskern, Lucija; Matković, Ivana; Idžojtić, Marilena; Ćurković-Perica, Mirna. Biological control of chestnut blight in Croatia: an interaction between host sweet chestnut, its pathogen *Cryphonectria parasitica* and the biocontrol agent *Cryphonectria hypovirus 1*. // *Pest management science*, 73 (2017), 3; 582-589 doi:10.1002/ps.4335 (international peer review, article, scholarly)

Nuskern, Lucija; Tkalec, Mirta; Ježić, Marin; Katanić, Zorana; Krstin, Ljiljana; Ćurković-Perica, Mirna. *Cryphonectria hypovirus 1*-Induced Changes of Stress Enzyme Activity in Transfected Phytopathogenic Fungus *Cryphonectria parasitica*. // *Microbial ecology*, 74 (2017), 2; 302-311 doi:10.1007/s00248-017-0945-7 (international peer review, article, scholarly)

Marček, Tihana; Vidaković-Cifrek, Željka; Tkalec, Mirta; Ježić, Marin; Mirna Ćurković- Perica, Mirna. Response of dihaploid tobacco roots to salt stress. // *Acta botanica Croatica*, 76 (2017), 1; 49-54 (international peer review, article, scholarly)

Zmijanac Partl, Jasenka; Karin, Valentina; Škrtić, Anita; Nikuševa-Martić, Tamara; Šerman, Alan; Mlinarec, Jelena; Ćurković- Perica, Mirna; Vranić, Semir; Šerman, Ljiljana. Negative regulators of Wnt signaling pathway SFRP1 and SFRP3 expression in preterm and term pathologic placentas. // *Journal of maternal-fetal & neonatal medicine*, 7 (2017), 1-9 doi:10.1080/14767058.2017.1359830 (international peer review, article, scholarly)

Katanić, Zorana; Krstin, Ljiljana; Ježić, Marin; Zebec, Marko; Ćurković-Perica, Mirna. Molecular characterization of elm yellows phytoplasmas in Croatia and their impact on *Ulmus* spp.. // *Plant pathology*, 65 (2016), 9; 1430-1440. (<https://www.bib.irb.hr/842596>) (international peer review, article, scholarly)

Marček, Tihana; Tkalec, Mirta; Vidaković-Cifrek, Željka; Ježić, Marin; Ćurković-Perica, Mirna. Expression of dehydrins, HSP70, Cu/Zn SOD, and RuBisCO in leaves of tobacco (*Nicotiana tabacum*)

L.) dihaploids under salt stress. // *In vitro cellular & developmental biology. Plant*, 52 (2016), 233-240 doi:10.1007/s11627-016-9752-y (international peer review, article, scholarly)

Ćurković-Perica, Mirna; Hrenović, Jasna; Kugler, Nuša; Goić-Barišić, Ivana; Tkalec, Mirta. Antibacterial activity of *Pinus pinaster* bark extract and its components against multidrug-resistant clinical isolates of *Acinetobacter baumannii*. // *Croatica chemica acta*, 88 (2015), 2; 133-137 doi:10.5562/cca2548 (international peer review, article, scholarly)

Fabijanović, Dora; Šerman, Alan; Ježić, Marin; Katušić, Ana; Sinčić, Nino; Ćurković-Perica, Mirna; Bulić-Jakuš, Floriana; Vlahović, Maja; Jurić-Lekić, Gordana; Šerman, Ljiljana. Impact of 5-azacytidine on rat decidual cell proliferation. // *International journal of experimental pathology*, 95 (2014), 4; 238-243 doi:10.1111/iep.12088 (international peer review, article, scholarly)

Ježić, Marin; Krstin, Ljiljana; Poljak, Igor; Liber, Zlatko; Idžojtić, Marilena; Jelić, Marija; Meštrović, Jasenka; Zebec, Marko; Ćurković-Perica, Mirna. *Castanea sativa*: genotype-dependent recovery from chestnut blight. // *Tree genetics & genomes*, 10 (2014), 1; 101-110 doi:10.1007/s11295-013-0667-z (international peer review, article, scholarly)

Ćurković-Perica, Mirna; Likić, Saša; Rusak, Gordana. Phenolic compounds in *Centaurea rupestris* tissues and their antiphytoviral activity. // *Croatica chemica acta*, 87 (2014), 1; 79-84 doi:10.5562/cca2272 (international peer review, article, scholarly)

Marček, Tihana; Tkalec, Mirta; Vidaković-Cifrek, Željka; Ježić, Marin; Ćurković Perica, Mirna. Effect of NaCl stress on dihaploid tobacco lines tolerant to Potato virus Y. // *Acta physiologiae plantarum*, 36 (2014), 7; 1739-1747 doi:10.1007/s11738-014-1548-2 (international peer review, article, scholarly)

Vuković, Rosemary; Bauer, Nataša; Ćurković-Perica, Mirna. Genetic elicitation by inducible expression of β -cryptogein stimulates secretion of phenolics from *Coleus blumei* hairy roots. // *Plant science*, 199/200 (2013), 18-28 doi:10.1016/j.plantsci.2012.10.009 (international peer review, article, scholarly)

Repar, Jelena; Šučurović, Sandra; Zahradka, Ksenija; Zahradka, Davor; Ćurković-Perica, Mirna. Stress resistance of *Escherichia coli* and *Bacillus subtilis* is modulated by auxins. // *Canadian journal of microbiology*, 59 (2013), 11; 766-770 doi:10.1139/cjm-2013-0266 (international peer review, article, scholarly)

Ježić, Marin; Karoglan Kontić, Jasminka; Preiner, Darko; Maletić, Edi; Ćurković-Perica, Mirna. Grapevine yellows affecting the Croatian indigenous grapevine cultivar Grk. // *Acta botanica Croatica*, 72 (2013), 2; 287-294 (international peer review, article, scholarly)

Ježić, Marin; Poljak, Igor; Šafarić, Barbara; Idžojtić, Marilena; Ćurković-Perica, Mirna. 'Candidatus *Phytoplasma pini*' in pine species in Croatia. // *Journal of plant diseases and protection*, 120 (2013), 4; 160-163 (international peer review, article, scholarly)

Fulgosi, Hrvoje; Ježić, Marin; Lepeduš, Hrvoje; Peharec Štefanić, Petra; Ćurković Perica, Mirna; Cesar, Vera. Degradation of chloroplast DNA during natural senescence of maple leaves. // *Tree physiology*, 32 (2012), 3; 346-354 doi:10.1093/treephys/tps014 (international peer review, article, scholarly)

Černi, Silvija; Ćurković-Perica, Mirna; Rusak, Gordana; Škorić, Dijana. In vitro system for studying interactions between *Citrus exocortis* viroid and *Gynura aurantiaca* (Blume) DC. metabolism and growing conditions. // *Journal of Plant Interactions*, 7 (2012), 3; 254-261 doi:10.1080/17429145.2011.591945 (international peer review, article, scholarly)

Ježić, Marin; Krstin, Ljiljana; Rigling, Daniel; Ćurković-Perica, Mirna. High diversity in populations of the introduced plant pathogen, *Cryphonectria parasitica*, due to encounters between genetically divergent genotypes. // *Molecular ecology*, 21 (2012), 1; 87-99 doi:10.1111/j.1365-294X.2011.05369.x (international peer review, article, scholarly)

Scientific conference proceedings papers

Poljak, Igor; Vahčić, Nada; Gačić, Milica; Ježić, Marin; Ćurković-Perica, Mirna; Idžojtić, Marilena
Mineral composition and heavy metals content of sweet chestnut fruits in five natural populations from central Croatia. // Proceedings Natural resources, green technology & sustainable development/2 / Radojčić Redovniković, I., Radošević, K., Jakovljević, T., Stojaković, R., Gaurina Srček, V., Erdec Hendrih, D. (ed.). Zagreb: Hendrih Feldbauer d.o.o., 2016. pp. 31-37. (<https://www.bib.irb.hr/842639>) (poster, international peer review, full paper, scholarly)

Marček, Tihana; Tkalec, Mirta; Vidaković-Cifrek, Željka; Ježić Marin; Ćurković Perica Mirna
Expression of heat shock protein 70 (HSP70) and superoxide dismutase in salinity-exposed tobacco. // Proceedings and abstracts 7th international scientific/professional conference / Baban, Mirjana ; Đurđević, Boris (ed.). vukovar: Agroglas, 2014. pp. 182-185 (lecture, international peer review, full paper, scholarly)

Ćurković Perica, Mirna; Šeruga Musić, Martina; Garcia-Gonzales, Rolando; Mansouri, Hounayda; Message, Brigitte; Leach, Francesca; Tepfer, David
ADVANTAGES AND RISKS OF GENETICALLY MODIFIED CROPS' PRODUCTION. // Proceedings of the XXXIXth Croatian Symposium on Agriculture with International Participation / Žimbrek, Tito (ed.). Opatija, Hrvatska, 2004. pp. 160-163 (lecture, international peer review, full paper, scholarly)

Šeruga, Martina; Kozina, Bernard; Škorić, Dijana; Ćurković Perica, Mirna; Krajačić, Mladen
The phytoplasmas of grapevine-a growing problem of Croatian vineyards. // The book of abstracts of the 2nd Macedonian Vine Growing and Wine Making Symposium With International Participation Skopje, 2001. pp. 25-30 (lecture, local peer review, full paper, scholarly)