

## **PERSONAL INFORMATION**

Family name, First name: Hrenović Jasna  
ORCID number: 0000-0001-8513-3993

## **EDUCATION**

2002 PhD biology/microbiology. Doctoral dissertation “Removal of phosphorus from wastewater by bioaugmentation and zeolites”. Faculty of Science, University of Zagreb.  
1999 MSc ecology. Master thesis “Treatment of leachate of Zagreb’s landfill Jakušvec”. Faculty of Science, University of Zagreb.  
1996 BSc ecology. Graduate thesis “Influence of temperature on the bacterial population in surface waters”, Faculty of Science, University of Zagreb.

## **CURRENT POSITION**

2022 – up to date Full Prof. tenure at Department of Microbiology, Division of Biology, Faculty of Science, University of Zagreb.

## **PREVIOUS POSITIONS**

2016 - 2022 full prof.  
2010 - 2016 assoc. prof.  
2006 - 2010 assist. prof.  
2005 - 2006 senior assistant  
2001 - 2005 assistant  
1997 - 2001 younger assistant  
Institution: Department of Biology, Faculty of Science, University of Zagreb.

## **FELLOWSHIPS AND AWARDS**

1999 - 2000 research grant (10 months) at Ondokuz Mayıs University, Faculty of Engineering, Department of Environmental Engineering, Samsun, Turkey.  
2005 Tempus Programme Individual Mobility Grant no. IMG-HRV 1001-2005. J. Heyrovsky Institute of Physical Chemistry, Prague, Czech Republic.  
2018 Erasmus+ Mobility Programme, University of Pretoria, South Africa.  
2019 Erasmus+ Programme, Gazi University, Ankara, Turkey.

## **TEACHING ACTIVITIES**

2006 – up to date scientific area of microbiology, leader of the courses: Microbiology 40826, Microbiology 35775, Bacteriology and virology 40360, General microbiology 37613, Laboratory practice 83552 for undergraduate study; Bacteriology of wastewater 44563, Ecology of bacteria and viruses 44565, Bioremediation 60229, Technology of wastewater treatment 53454 for graduate study; Biological wastewater treatment 151781 for doctoral study.  
1997-2006 scientific area of microbiology, leader of laboratory exercises: Microbiology (1. year BSc. ecology, 1. year BSc. molecular biology, 1. year teacher of biology), General microbiology (2. year, teacher of biology and chemistry).  
1997-2004 scientific area of microbiology, leader of laboratory exercises: Microbiology of the ecosystems (3. year BSc. ecology).  
Institution: Division of Biology, Faculty of Science, University of Zagreb.

## **SUPERVISION OF DOCTORAL AND POSTDOCTORAL STUDENTS**

2007 – 2024: 22 undergraduate/ 53 graduate/ 6 master/ 5 doctoral/ 1 postdoctoral students.  
Institution: Division of Biology, Faculty of Science, University of Zagreb.

## **INSTITUTIONAL RESPONSIBILITIES**

2014 – 2016 Head of the Division of Microbiology at Department of Biology, Faculty of Science

2012 – 2014 assistant for science to the Head of Department of Biology, Faculty of Science

2011 – 2013 commission for enrolment of graduate students

2011 – 2012 commission for graduate thesis

2010 – 2017 academic coach for students of the undergraduate program of biology

Institution: Faculty of Science, University of Zagreb.

## **MEMBERSHIPS, REVIEWS, ORGANISATION OF SCIENTIFIC MEETINGS**

Member of the: Croatian Microbiological Society, American Society for Microbiology, Croatian Zeolite Association, International Zeolite Association, Croatian Water Pollution Control Society, Croatian Biological Society.

Reviews of manuscripts in international scientific journals (137).

Reviews of manuscripts for proceedings from scientific meetings (35).

Reviewer of the proposal of scientific projects at the Ministry of Science, Education and Sports (2).

Reviewer of the Environmental Impact Assessment Report at the Ministry of Environmental Protection, Physical Planning and Construction (9).

Reviewer of the report of scientific project of Croatian Science Foundation (1).

Reviewer of the proposal of scientific project of Czech Science Foundation (1).

Reviewer of the undergraduate study of Chemical Technology, program Environment Protection at the Faculty of Chemistry and Technology, University of Split (1).

Reviewer of the undergraduate study of Biology at the Faculty of Science, University of Split (1).

Member of the scientific board of scientific meetings (6).

Member of the organizing committee of scientific meetings (3).

2012-2016 International Advisory Board of the Journal of Engineering Research.

2012-2014 Editorial Board of the journal European Journal of Environment.

2010-2012 Editorial Board of the journal Global Journal of Biochemistry.

2010-2014 member of the advisory board of the Croatian Zeolite Association.

2014-2018 vice president of the Croatian Zeolite Association.

2018-2022 president of the Croatian Zeolite Association.

2017-2025 member of the Scientific Field Committee for Biology, Agency for Science and Higher Education in Croatia.

## **PRINCIPAL INVESTIGATOR AT PROJECTS**

2024 expert project for Silcod d.o.o. “The influence of innovative materials on bacteria in oral cavity”.

2017 expert project of Croatian Institute of Public Health “Molecular diagnosis of bacterial strains”.

2015-2019 scientific project of Croatian Science Foundation no. IP-2014-09-5656 “Natural habitat of clinically important *Acinetobacter baumannii*”.

2010-2012 Croatian-Serbian bilateral project no. 101134 „Dual function of the natural clinoptilolite in waste water treatment: antibacterial activity and the support for biosorption”.

2007-2012 co-financing of scientific project of Ministry of Science, Education and Sports by Croatian Waters.

2007-2013 scientific project of Ministry of Science, Education and Sports, Croatia no. 119-1191155-1203 „Interaction of mineral carriers and phosphate-accumulating bacteria in wastewater“.

#### **COLLABORATOR AT PROJECTS**

2006-2007 scientific project of Ministry of Science, Education and Sports, Croatia no. 119-0119162 „Thermophilic bacteria in National Park Plitvice Lakes“.

2002-2006 technological project of Ministry of Science, Education and Sports, Croatia no. STIRP-22/2002 „Implementation of constructed wetlands in Croatia“.

2019-2022 scientific project of Croatian Science Foundation “Influence of Summer Fire on Soil and Water Quality”.

2022–2023 scientific project of European Space Agency “Low-intensity magnetic and gravitational fields impact on simple organisms”.

#### **SCIENTIFIC PUBLICATIONS**

Number of citations according to the base Web of Science = 2743, Scopus = 2564, Google Scholar = 3748.

H index according to the base Web of Science = 25, Scopus = 28, Google Scholar = 32.

Papers indexed in the base Web of Science, Scopus and Medline: 111 (main author: 56, impact factor above the median of the field: 55 JRC / 77 SRJ)

Papers in other journals with international review: 8

Chapters in books with international review: 3

Chapter in book with national review: 1

University book with national review: 2

Papers presented at national and international meetings: 123.