

# Nataša Puzović

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🌐 Personal webpage  
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🔍 Google Scholar  
🔍 ResearchGate  
🔍 Orcid

## Current Position

2020 – 2023      **International Max Planck Research School (IMPRS) for Evolutionary Biology**, PhD candidate  
Molecular Systems Evolution Research Group  
Max Planck Institute for Evolutionary Biology, Plön

## Formal Education

2017 – 2019      **MSc Molecular Biology and Evolution**, Christian-Albrechts-Universität zu Kiel, Germany  
2012 – 2017      **BSc Molecular Biology and Physiology**, Faculty of Biology, University of Belgrade, Serbia  
2014 – 2016      **BSc Applied Mathematics (Unfinished)**, Faculty of Mathematics, University of Belgrade, Serbia  
Attended 2/4 years bachelor program

## Publications

- 1 V. Barroso, G., Puzović, N. & Dutheil, J. Y. (2019). Inference of recombination maps from a single pair of genomes and its application to ancient samples. *PLOS Genetics*, 15(11), 1–21. doi:10.1371/journal.pgen.1008449
- 2 Barroso, G. V., Puzovic, N. & Dutheil, J. Y. (2018). The evolution of gene-specific transcriptional noise is driven by selection at the pathway level. *Genetics*, 208(1), 173–189. doi:10.1534/genetics.117.300467

## Conferences

2021      **International Max Planck Research School for Evolutionary Biology Retreat**, oral presentation  
Kiel, Germany, 16-17 Sep 2021  
**Society for Molecular Biology & Evolution Annual Meeting (SMBE)**, virtual poster presentation  
Society for Molecular Biology & Evolution, 03-08 Jul 2021  
**Aquavit 2021**, virtual poster presentation  
Max Planck Institute for Evolutionary Biology, Plön, Germany, 17-18 Jun 2021  
**CSHL Probabilistic Modeling in Genomics**, virtual poster presentation  
Cold Spring Harbor Laboratory, New York, USA, 14-16 Apr 2021  
**CSHL Network Biology Meeting**, virtual poster presentation  
Cold Spring Harbor Laboratory, New York, USA, 16-19 Mar 2021  
2020      **Interdisciplinary Approach to Molecular Evolution**, virtual poster presentation  
Approche Interdisciplinaire de l'Evolution Moléculaire (AIEM)  
CNRS, France, 15-17 Dec 2020  
**Aquavit 2020**, virtual poster presentation  
Max Planck Institute for Evolutionary Biology, Plön, Germany, Jun 2020  
2019      **Society for Molecular Biology & Evolution Annual Meeting (SMBE)**, oral presentation  
Society for Molecular Biology & Evolution, Manchester, United Kingdom, 21-15 Jul 2019

## Research Experience

2019	<b>Genomic Microbiology Group</b> , PhD rotation Institute of General Microbiology, Kiel University, Kiel
	<b>Stochastic Evolutionary Dynamics Research Group</b> , PhD rotation Department of Evolutionary Theory, Max Planck Institute for Evolutionary Biology, Plön
	<b>Molecular Systems Evolution Research Group</b> , Master's thesis project Department of Evolutionary Genetics, Max Planck Institute for Evolutionary Biology, Plön
2018 – 2019	<b>Laboratoire Matière et Systèmes Complexes (Laboratory for Matter and Complex Systems)</b> , Internship UMR 7057 CNRS, Université Paris 7 Diderot, Université Sorbonne Paris Cité
2018	<b>Tautz Research Group</b> , Internship Department of Evolutionary Genetics, Max Planck Institute for Evolutionary Biology, Plön
2017 – 2018	<b>Molecular Systems Evolution Research Group</b> , Research Assistant Department of Evolutionary Genetics, Max Planck Institute for Evolutionary Biology, Plön
2015, 2016	<b>Molecular Systems Evolution Research Group</b> , Internship Department of Evolutionary Genetics, Max Planck Institute for Evolutionary Biology, Plön
2015	<b>Hiller Research Group (Computational Biology and Evolutionary Genomics)</b> , Internship Max Planck Institute of Molecular Cell Biology and Genetics, Dresden

## Supervision Experience

2020	<b>Tanvi Madaan</b> , Undergraduate Internship, Jun - Aug 2020
	<b>Nikhil Sharma</b> , IMPRS PhD rotation, Nov - Dec 2020

## Awards and Certificates

2018	<b>ERASMUS+ Internship Scholarship</b> , granted by ERASMUS+ of European Union
2012	<b>CPE</b> (Certificate of Proficiency in English), University of Cambridge ESOL Examinations
2010, 2011	<b>Fellowship of the City of Belgrade</b> , granted by the City Administration of Belgrade

## Skills

Programming Languages	<b>C++</b> (proficient), <b>R</b> (proficient), <b>MATLAB</b> (basic), <b>Python</b> (basic)
Bioinformatic Software	<b>MAFFT</b> , <b>iqtree</b> , <b>snakemake</b>
Other Software	<b>Inkscape</b> , <b>Latex</b>
Spoken Languages	<b>English</b> (proficient, CEFR level C2), <b>German</b> (basic), <b>Serbian-Croatian-Bosnian-Montenegrin</b> (native)

## Miscellaneous

Previous Jobs	<b>English Language Teacher</b> , School of Foreign Languages "Junior", Mačvanska 13, Belgrade <b>Online Tutor in Biology</b> , 24hoursanswers.com
General fields of interest	evolutionary biology, systems biology, network biology, bioinformatics