

Nataša Puzović

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🌐 Personal webpage
🐙 Github
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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

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

Supervision Experience

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| 2020 | Nikhil Sharma , IMPRS PhD rotation, Nov - Dec 2020 |
| | Tanvi Madaan , Undergraduate Internship, Jun - Aug 2020 |

Awards and Certificates

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

Skills

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

Miscellaneous

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