

Tamara Eduard Abaghyan

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Research Institute of Biology

Laboratory of Microbiology, Bioenergetics and Biotechnology

Junior Researcher

Education

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| Institution | Yerevan State University |
| Faculty | Faculty of Biology, Department of Biochemistry, Microbiology and Biotechnology |
| Date | 2023 - 2023 |
| Degree name | PhD student |

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| Institution | Yerevan State University |
| Faculty | Faculty of Biology, Department of Biochemistry, Microbiology and Biotechnology |
| Date | 2021 - 2023 |
| Degree name | Masters |

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| Institution | Yerevan State University |
| Faculty | Faculty of Biology, Department of Biochemistry, Microbiology and Biotechnology |
| Date | 2017 - 2021 |
| Degree name | Bachelor |

Language skills

Հայերեն English Русский

Publications

Article

Propionic and valproic acids have an impact on bacteria viability, proton flux and ATPase activity

Heghine Gevorgyan, Tamara Abaghyan, Margarita Mirumyan, Konstantin Yenkovyan, Karen Trchounian

Journal of Bioenergetics and Biomembranes 2023 397-408

Conference

The penetration of PPA is mediated with H⁺ efflux in Gram-negative and Grampositive bacteria

Tamara Abaghyan, Heghine Gevorgyan, Margatita Mirumyan, Konstantin Yenkovyan, Karen Trchounian

Conference

Exploring the role of propionic acid: link between gut microbiome and neurodevelopmental disorders

T. Abaghyan, H. Gevorgyan, M. Mirumyan, K. Yenkovyan, K. Trchounian

Conference

The regulation of ATPase activity by K⁺ ions in gut isolated E. coli strains and its role in propionic acid sensing

Tamara E. Abaghyan, Heghine Gevorgyan, Margarita Mirumyan, Konstantin Yenkovyan, Karen Trchounian

Conference

Proton and Potassium Flux Alterations in the Presence of Propionic Acid in Gut-Isolated Escherichia coli

H. Gevorgyan, T. Abaghyan, K. Yenkovyan, K. Trchounian

Conference

Impact of short-chain fatty acids on the anaerobic growth of Escherichia coli K12 and Enterococcus hirae ATCC9790

Tamara Abaghyan, Heghine Gevorgyan, Karen Trchounian

Conference

The Impact of Different Concentrations of Formate and Lactate on Escherichia coli Growth Properties and H₂ Production

Tamara Abaghyan, Heghine Gevorgyan, Karen Trchounian
