

Anna Radik Muradyan

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Faculty of Biology

Chair of Biochemistry, Microbiology, and Biotechnology

Senior laboratory assistant

Education

Institution	YSU
Faculty	Biology
Date	2021 - 2023
Degree name	Masters

Institution	YSU
Faculty	Biology
Date	2017 - 2021
Degree name	Bachelor

Language skills

Հայերեն Русский English

Work experience

Institution	YSU, department of Biochemistry, Microbiology and Blotechnology
Period of time	2022 till now
Rank/degree	Senior labourant

Institution	Secondary school of Nor Kyanq
Period of time	2021 - 2023
Rank/degree	teacher

Scientific interests

- Radiation biochemistry, molecular biology, AEF-ase activity, Mitochondria, Yeast food

Publications

Article

Changes in ATPase activity, antioxidant enzymes and proline biosynthesis in yeast *Candida guilliermondii* NP-4 under X-irradiation

Hasmik Karapetyan, Syuzan Marutyan, Anna Muradyan, Hamlet Badalyan, Seda Marutyan,

Karen Trchounian

Journal of Bioenergetics and Biomembranes 2024 1-8

Article

The antimicrobial effects of silver nanoparticles obtained through the royal jelly on the yeasts *Candida guilliermondii* NP-4

Seda Marutyan, Hasmik Karapetyan, Lusine Khachatryan, Anna Muradyan, Syuzan Marutyan,

Anna Poladyan, Karen Trchounian

Scientific Reports 2024 19163

Article

ALTERATION OF TOTAL AND MITOCHONDRIAL ATPASE ACTIVITY IN THE BREAST AND LIVER IN BREAST CANCER-INDUCED RATS

Seda V. Marutyan, Gayane A. Petrosyan, Anna R. Muradyan, Lilit A. Marutyan, Syuzan A. Marutyan,

Nikolay V. Avtandilyan

Proceedings of the YSU B: Chemical and Biological Sciences 2022 151-160

Conference

Influence of X-irradiation on the activity of ATPase and enzymes of antioxidant system in yeasts *Candida guilliermondii* NP-4

S. Marutyan, A. Muradyan, H. Karapetyan, V. Khalantaryan, S. Marutyan, L. Khachatryan

Conference

ROYAL JELLY AS A MEANS OF REGULATING PROCESSES DISTURBED BY EXPOSED MILLIMETER WAVES

Marutyan S.A., Karapetyan H.M., Muradyan A.R., Khachatryan L.D, Kalantaryan V.P., Marutyan S.V.

Conference

Influence of UV-irradiation on lipid peroxidation processes and the activity of plasmatic and mitochondrial ATPases of yeasts *Candida guilliermondii* NP-4

S. Marutyan, H. Karapetyan, S. Marutyan, A. Muradyan, T. Manutsyan

Conference

The effect of royal jelly on biomass accumulation and antioxidant enzyme activity of the yeast *C. guilliermondii* NP-4

Marutyan S., Muradyan A., Karapetyan H., Marutyan S.

Conference

The Effect of 51.8 GHz Microwaves on Nucleotide Deamination and ATPase Activity in *C. guilliermondii* NP-4 Yeast in the Presence of Royal Jelly

Marutyan S.A., Muradyan A., Hayrapetyan M., Marutyan S.V.

Conference

Changes in ATPase and Antioxidant Enzymes Activities in Yeast *Candida guilliermondii* NP-4 Exposed to Millimeter Waves

Muradyan Anna, Marutyan Syuzan, Hayrapetyan Meri, Karapetyan Hasmik, Marutyan Seda

Conference

Royal Jelly Enhances Recovery from UV-Induced Metabolic and Oxidative Stress in *Candida guilliermondii* NP-4

Syuzan A. Marutyan, Anna Muradyan, Meri Hayrapetyan, Hasmik Karapetyan, Seda V. Marutyan

Conference

Effect of Royal Jelly on Antioxidant Enzymes and ATPase Activity of *C.guilliermondii* NP-4 Yeast Exposed to X-Ray Radiation

Seda Marutyan, Hasmik Karapetyan, Syuzan Marutyan, Anna Muradyan, Mery Hayrapetyan
