Emma Arakel Khachatryan

emma.khachatryan@ysu.am

Institute of Pharmacy
Research Center for the Institute of Pharmacy
Junior Researcher

Institute of Pharmacy
Research Center for the Institute of Pharmacy
Junior Researcher

Education

Institution	Yerevan State University
Faculty	Institute of Pharmacy
Date	2021 - 2022
Degree name	Masters

Institution	Yerevan State University
Faculty	Institute of Pharmacy
Date	2017 - 2021
Degree name	Bachelor

Language skills

Հայերեն Русский English

Work experience

Institution	Yerevan State University
Period of time	2022 till now
Rank/degree	Junior researcher

Publications

Article

Synthesis of enantiomerically enriched β-N-amino (S)-α-alanine analogs via sequential reactions on a chiral Ni(ii) complex

Emma A. Khachatryan, Lala A. Stepanyan, Hasmik R. Gevorgyan, Armen S. Sargsyan, Anahit M. Hovhannisyan, Anna F. Mkrtchyan, Andrei V. Malkov, Ashot S. Saghyan

Organic & Biomolecular Chemistry 2026 2026

Article

Asymmetric Synthesis and Antibacterial Evaluation of β-Substituted (S)-α-Alanine Analogs

Containing a Piperazine Moiety in the Side Chain
Emma A. Khachatryan, Anna F. Mkrtchyan, Anahit M. Hovhannisyan, Melanya Ghazaryan,

Ashot S. Saghyan
Chirality 2026 e70098
https://doi.org/10.1002/chir.70098

Article

Sequential Michael addition, cross-coupling and [3 + 2] cycloaddition reactions within the coordination sphere of chiral Ni(ii) Schiff base complexes derived from dehydroamino acids: pathways to the asymmetric synthesis of structurally diverse O-substi...
Emma A. Khachatryan, Lusine Yu. Sahakyan, Anna S. Tovmasyan, Gagik S. Melikyan,

Henrik A. Panosyan, Anna F. Mkrtchyan, Norio Shibata, Andrei V. Malkov, Ashot S. Saghyan

RSC Advances 2025 10558-10564

Article

Synthesis and Biological Activity of Ultrashort Antimicrobial Peptides Bearing a Non-Coded Amino Acid
Cristina Peggion, Andrea Schivo, Martina Rotondo, Simona Oancea, Lucia-Florina Popovici,

Teodora Călin, Anna Mkrtchyan, Ashot Saghyan, Liana Hayriyan, Emma Khachatryan,

Fernando Formaggio, Barbara Biondi

Journal of Peptide Science 2025 8

Article

Synthesis of enantiomerically enriched β-substituted analogs of (S)-α-alanine containing 1-phenyl-1H-1,2,3-triazole groups
Artavazd S. Poghosyan, Ashot S Saghyan, Peter Langer, Ela V. Minasyan, Karapet R. Ghazaryan,

Anahit M. Hovhannisyan, Anna F Mkrtchyan, Volodya Mirzoyan, Emma A. Khachatryan

Amino Acids 2024 67
