

# Curriculum Vitae

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Prof. Astghik Pepoyan, DrSc

Head of Food safety and biotechnology division

Head of Animal origin raw material and product processing division

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## **Education:**

- Professor, 2002
- Doctor of Science in Biology (Molecular and Cell Biology), 2002
- PhD in Molecular Biology and Genetics, 1990
- MSc in Biophysics, 1987
- MSc in Psychology, 1985

## **Main Research Focus / Expertise:**

Functional probiotics (blood sugar-lowering, radioprotective, One Health), sustainable microbial technologies, industrial-scale production, gut microbiome modulation, antimicrobial applications, food safety, and One Health solutions.

## **Selected Awards & Honors:**

- Gold Medal, Ministry of Education, Science, Culture and Sports, 2025
- Most Productive Scientist, RA State Committee of Science, 2013–2014, 2021–2022
- Fellowship, The Royal Society of Edinburgh, 2005

## **Selected Projects (Ongoing / Recent):**

- 21AG-4D065 Agricultural biotechnology: Regulation of heat stress in fish and poultry (2021–2026), Project Manager
- DTRA Grant Project: Atlas of Zoonotic Infections in South Caucasus (2019–2024), Project Manager
- ISTC A-2134: Isolation of probiotics protective against radiation (2015–2018), Project Manager & Scientific Leader

#### **Selected Publications (2020–2025):**

1. Harutyunyan N. et al., *Int. J. Mol. Sci.*, 2025, 26, 8959
2. Arun KB et al., *Front. Microbiol.*, 2025, 16:1697319
3. Pepoyan A., Malkhasyan L., *AETIS Digital Register*, 2025, Registration No. 413-672-210
4. Mirzabekyan S. et al., *Microorganisms*, 2023, 11(3), 595
5. Pepoyan A. et al., *Functional Foods Health Dis.*, 2023, 13(4), 179–190

#### **Professional Societies & Invited Positions:**

- Member, Professional Council 051 of the Supreme Certifying Committee (Biochemistry)
- President, Scientific Council, Scientific Research Institute of Food Science & Biotechnologies, ANAU
- Member, International Society for Infectious Diseases; Biophysical Society