

# Curriculum Vitae

Anna Abdolshahi

## Personal Information

**First name:** Anna **Date of birth:** 1981  
**Last name:** Abdolshahi **Place of birth:** Damghan, Iran  
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## Education

**PhD:** Food Microbiology (2016)  
Department of Food science and Technology, Faculty of Agriculture, Ferdowsi University of Mashhad, Mashhad, Iran

**MSc:** Food Science and Technology (2011)  
Department of Food science and Technology, Islamic Azad University of Sabzevar, Sabzevar, Iran

**BSc:** Food Science and Technology, Quality Control (2004)  
Department of Food Science and Technology, Faculty of Nutrition Sciences, Food Science and Technology/National Nutrition and Food Technology Research Institute), Shahid Beheshti University of Medical Sciences, Tehran, Iran

## Employment

2021 -2024: The manager of Health Technology Development Office, Vice chancellor of Research and Technology, Semnan University of Medical Sciences

2021-2024: The Head of Health Technology Development Center, Semnan University of Medical Sciences

2018- 2024: The Head of Food Safety Research Center, Semnan University of Medical Sciences

2016-2024: Associate Professor, School of Nutrition and Food Sciences, Semnan University of Medical Sciences

2018- 2021: Deputy for Educational and Research Affairs, School of Nutrition and Food Sciences, Semnan University of Medical Sciences

### latest Publications

1. L Monjazez Marvdashti, A Emadi, M Eslami, B Yousefi, M Arabameri, A Abdolshahi, N Shariatifar. Biological reduction of aflatoxin M1 in dairy products using probiotic strains: a systematic review and meta-analysis. 2023. World Mycotoxin Journal.
2. Leila Monjazez Marvdashti, Samaneh Arab, Marjan Bahraminasab, Mina Roustaei, Samaneh Souri, Mojtaba Heydari Majd, Anna Abdolshahi. Smirnovia iranica whole herb extract: antioxidant, radical scavenging, anti-microbial and anti-cancer effects. 2023. Journal of Chemical Health Risks
3. Bahman Yousefi, Anna Abdolshahi, Mehdi Dadashpour, Daryoush Pahlevan, Hadi Ghaffari, Majid Eslami. Evaluation of genes involved in the binding and invasion of Klebsiella pneumoniae including fimH-1, entB, iutA, rmpA and cnf-1 genes in patients with urinary tract infection. 2023. Reviews and Research in Medical Microbiology.
4. Leila Monjazez Marvdashti, Majid Arabameri, Bahman Yousefi, Majid Eslami, Alireza Emadi, Arezoo Ebrahimi, Anna Abdolshahi, Mosaad A Abdel-Wahhab. Cold Plasma Technology Impact on Microorganisms Inactivation in Foods: A Systematic Review. 2023. Journal of Chemical Health Risks
5. Alireza Emadi, Ahmad Jayedi, Majid Mirmohammadkhani, Anna Abdolshahi. Aflatoxin reduction in nuts by roasting, irradiation and fumigation: a systematic review and meta-analysis. 2022. Critical reviews in food science and nutrition.
6. Alireza Emadi, Majid Eslami, Bahman Yousefi, Anna Abdolshahi. In vitro strain specific reducing of aflatoxin B1 by probiotic bacteria: a systematic review and meta-analysis. 2022. Toxin Reviews.

### Other Research activities

#### 1. Patent (Spiritual Property Center of Iran) 2017

Edible coating containing *Saccharomyces cerevisiae* mannoprotein for reduction of aflatoxin in pistachio nut

#### 2. Gene submission

- *Staphylococcus succinus* strain SH 16S ribosomal RNA gene, partial sequence (2018)

- *Bacillus* sp. (in: Bacteria) strain LA12 16S ribosomal RNA gene, partial sequence (2017)

#### 3. Book chapter

- Anna Abdolshahi, Behdad Shokrollahi Yancheshmeh..2020. Mycotoxins and food safety. Intech Open.

- Anna Abdolshahi, Arezoo Ebrahimi. Microbial assessment and other consideration in food processing. 2023. Nanobiotechnology for Food Processing and Packaging, Elsevier ebook.

- Anna Abdolshahi. Salt, Health and food safety. 2023. ISBN 978-622-94171-8-8

- Anna Abdolshahi, Quality control testing of cereals and cereal products. 2022. ISBN 978-622-94171-4-0