

CURRICULUM VITAE

Parnian Pezeshki

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EDUCATION:

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| 9/2011 – 11/2016 | Ph.D Graduated
Food Science and Technology- Food Microbiology
Ferdowsi University of Mashhad, Iran
Ph.D Dissertation Title: “Survival of pathogenic enteric viruses on lamb and poultry meat at different conditions, using entrobacteriophage MS2 as a surrogate of enteric viruses”
Total Average: 18.79/20 |
| 9/2008 – 9/2011 | M. Sc. Graduated
Food Science and Technology
Ferdowsi University of Mashhad, Iran
M. Sc Thesis Title: “Evaluation of raisin as baker’s yeast substrate”
Total Average: 18.56/20 |
| 9/2004 – 9/2008 | B. Sc. Graduated
Food Science and Technology
Ferdowsi University of Mashhad, Iran
Total Average: 17.61/20 |

Academic Appointments:

- ✓ Faculty Member of Food Science & Technology (Quality Control & Hygiene) Department – Varastegan Institute for Medical Sciences (2021 - Present)

- ✓ Faculty Member of Nutrition Science Department – Varastegan Institute for Medical Sciences (2013 - 2021)
- ✓ Adjunct Professor of Food Science & Technology (Quality Control & Hygiene) Department- Neyshbour University of Medical Science, Neyshbour, Iran. (2017)
- ✓ Adjunct Professor of Food Science & Technology Department- Shahid Hasheminejad Higher Education Institute, Mashhad, Iran. (2014)
- ✓ Adjunct Professor of English Department-Tabaran Higher Education Institute, Mashhad, Iran. (2012-2014)
- ✓ Adjunct Professor of Food Science & Technology Department- Islamic Azad University of Torbat-e- Heidarieh, Iran. (2009 – 2014)

Professional Experience:

- ✓ Director of Food Science & Technology (Quality Control & Hygiene) Department, Varastegan Institute for Medical Science, Mashhad, Iran. (2022 - Present)
- ✓ Vice-Chancellor of Research & Technology Deputy, Varastegan Institute for Medical Science, Mashhad, Iran. (2019 - 2020)
- ✓ Director of Nutrition Department, Varastegan Institute for Medical Science, Mashhad, Iran. (2013 - 2015) & (2017-2019)
- ✓ Technical Officer - Food industry complex, Ferdowsi University of Mashhad, Iran (2009)

Research Interests:

- ✓ Food Microbiology (Bacteriology, Virology, Mycology)
- ✓ Food Toxicology
- ✓ Food Chemistry & Biochemistry
- ✓ Food safety & Hygiene
- ✓ Food Quality Control

Teaching Experience:

- ✓ Food Microbiology
- ✓ General Microbiology
- ✓ Medical Microbiology
- ✓ Industrial microbiology
- ✓ Food Hygiene & Toxicology
- ✓ Food Chemistry & Analysis

- ✓ Principle of Food Preservation
- ✓ The effect of processing on nutrients
- ✓ Food and nutrition ecology
- ✓ Principle of Food Hygiene
- ✓ Environmental hygiene & safety
- ✓ hygiene & safety in food factories
- ✓ Traditional food technology
- ✓ Post harvesting technology
- ✓ Fermentation technology
- ✓ Milk & dairy products technology
- ✓ water and wastewater treatment
- ✓ Confectionery Science and Technology
- ✓ Principle of nutrition
- ✓ General biology
- ✓ Food industry training

Membership:

- ✓ Member of Board of Directors, Varastegan Institute for Medical Science, Mashhad, Iran. (2013- present)
- ✓ Member of Educational Council Varastegan Institute for Medical Science, Mashhad, Iran. (2013- present)
- ✓ Member of Research Council, Varastegan Institute for Medical Science, Mashhad, Iran. (2016 - 2020)
- ✓ Member of teacher training committee (Education Development Center- EDC), Varastegan Institute for Medical Science, Mashhad, Iran. (2020)
- ✓ Member of Food Codex Committee (2018 – present)
- ✓ Member of Agricultural and Natural Resources Engineering Organization of IRAN (No. 1009818447)

Conference Program Committee & Referee:

- ✓ Member of the executive committee – National Congress of Novel Sciences and Technologies in Food Industry, Islamic Azad University of Torbat-e-Heidarieh, Iran. (2015)
- ✓ Member of the scientific committee – Sport Nutrition and Supplementation Conference, Varastegan Institute for Medical Science, Mashhad, Iran. (2018)
- ✓ Member of the scientific committee – Nutrition News and dietitian PCOS Conference, Varastegan Institute for Medical Science, Mashhad, Iran. (2019)
- ✓ Ad hoc Reviewer for Journal of Research and Innovation in Food Science and Technology (JRIFST) (2019 – present)
- ✓ Ad hoc Reviewer for Varastegan Publication (2020)

Research Experiences:

- 2008 –2009 Research Assistant
Research Institute of Food Science and Technology, Mashhad, Iran
Research Title: “Evaluation of alternative raw materials as yeast substrate”
- 2011 – 2013 Research Assistant
Ferdowsi University of Mashhad, Mashhad, Iran
Research Title: “Detection of enteric viruses in farmed fish of Mashhad based on Male specific coliphage source tracking”
- 2013 – 2014 Research Manager
Islamic Azad University of Torbat-e- Heidarieh, Iran
Research Title: “Investigation on the Antimicrobial Effects of *Portulaca Oleracea* Leaves Essence and Extract on *Staphylococcus aureus* to Reduce Nitrate Used in Meat Products”
- 2018 – 2019 Scientific advisor
Varastegan Institute for Medical Science, Mashhad, Iran
Research Title: “Investigation of Vitamin D supplementation effect on depression, Anxiety, and Chronic Fatigue in nurses of Mashhad Bent-al-hoda hospital - 2018”
- 2018 – 2019 Research Manager
Varastegan Institute for Medical Science, Mashhad, Iran
Research Title: “Disordered eating attitudes and their correlates among student of Varastegan university of medical science in 2018”
- 2018 – 2019 Scientific reviewer
Varastegan Institute for Medical Science, Mashhad, Iran
Research Title: “Evaluation of the level of satisfaction of patients admitted to Bent-al-hoda hospital from the services received”
- 2019 – 2020 Research Manager
Varastegan Institute for Medical Science, Mashhad, Iran
Research Title: “Prevalence of malnutrition in hemodialysis patients using MIS index in 2019”
- 2019 – 2021 Research Manager
Varastegan Institute for Medical Science, Mashhad, Iran

Research Title: "Sarcopenia and its association with dietary intake in over 55 years old adults in 2019"

2020 – 2021

Research Manager

Varastegan Institute for Medical Science, Mashhad, Iran

Research Title: "The effect of Vitamin C supplementation on Blood pressure and Body Mass Index in Type 2 Diabetes Mellitus: A systematic review and Meta-analysis of clinical trials"

2020 – 2022

Scientific advisor

Varastegan Institute for Medical Science, Mashhad, Iran

Research Title: "Determination of Aminoglycoside Resistance pattern and prevalence of aph(3')-IIIa , ant(6)-Ia , ant(4')-Ia , acc(6')-Ie/aph(2'') Genes in Staphylococcus aureus Isolates achieved from patients in selected Hospitals of Mashhad"

Professional Presentations:

- ✓ Probiotics and their functionality, Varastegan Institute for Medical Science, Mashhad, Iran. (2018)
- ✓ How well do you know your food?, Varastegan Institute for Medical Science, Mashhad, Iran. (2019)
- ✓ Dynamic and attractive presentation with Prezi, Varastegan Institute for Medical Science, Mashhad, Iran. (2019)
- ✓ Food Fortification, Varastegan Institute for Medical Science, Mashhad, Iran. (2020)
- ✓ Effect of Microwave on food nutrients, Varastegan Institute for Medical Science, Mashhad, Iran. (2021)

Publications:

1. Habibi Najafi, M. B., **Pezeshki, P.** Bacterial mutation: Types, Mechanisms and Mutant detection methods: A REVIEW. *European Scientific Journal*. 2013. Vol.4, p 628-638.
2. **Pezeshki, P.,** Pournia, KH. Evaluation of pressure treatments on microorganisms. *Journal of Middle East Applied Science and Technology*. 2014. Issue 12(4), p 372-377.
3. **Pezeshki, P.,** Elahi, M., Maskooki, A. M. 2014. Evaluation of raisin as substrate in comparison with molasses in baker's yeast production. *International Journal of Basic and Applied Sciences*. (Accepted)

4. **Pezeshki, P.**, Yavarmanesh, M., Habibi Najafi, M. B., Abbaszadegan, M., Mohebbi, M. 2016. Effect of meat aging on survival of MS2 bacteriophage as a surrogate of enteric viruses on lamb meat. *Journal of Food Safety*. Vol: 17(3). doi:10.1111/jfs.12336.
5. **Pezeshki, P.**, Yavarmanesh, M., Habibi Najafi, M. B., Mohebbi, M., Abbaszadegan, M. 2019. Modeling of survival of MS2 bacteriophage as a surrogate of enteric viruses on lamb and chicken using adaptive neuro-fuzzy inference system and fuzzy logic. *Microbial Pathogenesis*- Submitted.
6. **Pezeshki, P.**, Habibi Najafi, M. B., Yavarmanesh, M., Abbaszadegan, M., Mohebbi, M. 2019. Effect of freezing, cold storage and aging on survival of MS2 bacteriophage as a surrogate of enteric viruses on chicken meat. *Journal of Food and Environmental Virology*- Submitted.
7. Elahi, M., Razavi, M.A., Baratian, Z., **Pezeshki, P.** 2010.Evaluation of physical and quality properties of invert syrup from sucrose solution. *Iranian Food Science and Technology Research Journal*, 6(2):105-112 (IN PERSIAN)
8. Yousefli, M., Azarnivand, H., Hosseini, Z., Haddad Khodaparast, M. **Pezeshki, P.** 2011. Antimicrobial Effect of *Salvia leriifolia* Leaf Extract Powder against the Growth of *Staphylococcus aureus* in Hamburger. *Journal of Iranian Food Science and Technology*, 8(29):126-136. (IN PERSIAN)
9. **Pezeshki, P.**, Maskooki, A.M. Elahi, M., Mortazavi, A. 2014. Evaluation and comparison in substitution of molasses with date, raisin and whey in baker's yeast production. *Iranian Food Science and Technology Research Journal*, 10(1):1-8 (IN PERSIAN)
10. **Pezeshki, P.** 2015. Investigation on the Antimicrobial Effects of *Portulaca Oleracea* Leaves Essence and Extract on *Staphylococcus aureus* to Reduce Nitrate Used in Meat Products. *Journal of Food Research*. 25(3):479-490. (IN PERSIAN)
11. **Pezeshki, P.** Habibi Najafi, M.B., Yavarmanesh, M., Mohebbi. M., Abbaszadegan. M. 2015. Survival of pathogenic enteric viruses on baked lamb and chicken meat using entrobacteriophage MS2 as a surrogate for enteric viruses. **Journal of Iranian Food Science and Technology**. 67(14):213-220 (IN PERSIAN)
12. Yavarmanesh, M., Ghiamati Yazdi, F., **Pezeshki, P.** 2017. Evaluation of Enteric viruses recovery from farmed fish using Malespecific coliphage (MS2). *Journal of Iranian Food Science and Technology*. 70(14):225-236. (IN PERSIAN)

Conference Presentations:

1. **Pezeshki, P.**, Alavi Rafiee, S. and Saadatmandi, A. Effect of nitrate salt in different pH levels on *Staphylococcus aureus* growth control in meat products. First international congress of Food Hygiene. April 2009. Tehran, Iran. (Poster)

2. Alavi Rafiee, S. **Pezeshki, P.** Pournia, KH. Investigating antimicrobial effects of Portulaca oleacea leaves essence and extract on Staphylococcus aureus to reduce nitrate in meat products. 2nd international congress of Food Hygiene. April 2011. Tehran, Iran. (Poster)
3. Abbaszadegan, M., **Pezeshki, P.**, Edalatian, M.R., Yavarmanesh, M., Alum, A. 2016. Occurrence of noroviruses and their correlation with microbial indicators in raw milk and food processing for the inactivation of viruses. 5th Food and Environmental Virology Conference. September 2016. Kusatsu Onsen, Japan. (Oral presentation)
4. **Pezeshki, P.**, Habibi Najafi, M. B., Yavarmanesh, M., Abbaszadegan, M., Mohebbi, M. 2018. Predictive modeling of MS2 bacteriophage survival as a surrogate of enteric viruses on lamb and chicken during aging and storage using adaptive neuro-fuzzy inference system and fuzzy logic. 3rd International and 15th Iranian Nutrition Congress. December 2018. Tehran, Iran. (Poster)
5. **Pezeshki, P.** 2018. Investigation of replacing wheat flour with oat flour on acrylamide content of bread. 3rd International and 15th Iranian Nutrition Congress. December 2018. Tehran, Iran. (Poster)
6. Pournia, KH., **Pezeshki, P.** 2019. Effect of feeding Salvia leriifolia (NOWROOZAK) leaf Powder on Growth Performance of broiler chicks. 2nd International Conference on Medicinal Plants, Organic Farming Natural and Medicinal Materials. March 2019. Mashhad, Iran. (Poster)
7. Pournia, KH., **Pezeshki, P.** 2019. Effect of feeding Salvia leriifolia (NOWROOZAK) leaf Powder on Immunity Response of broiler chicks. 2nd International Conference on Medicinal Plants, Organic Farming Natural and Medicinal Materials. March 2019. Mashhad, Iran. (Poster)
8. **Pezeshki, P.**, Elahi, M., Maskooki, A.M. Evaluation of Raisin as baker's yeast substrate. 20th National Food Science & Industries Congress. November 2011. Iran, Tehran. (Poster)
9. Zmani, A., Alavi Rafiee, S. **Pezeshki, P.** Investigating antimicrobial effects of bene (Pistacia atlantica subsp. mutica) hull extraction on Staphylococcus aureus. 20th National Food Science & Industries Congress. November 2011. Iran, Tehran. (Oral presentation)
10. **Pezeshki, P.**, Pournia, KH. Effect of combined ultrasound and temperature on survival of MS2 bacteriophage as a surrogate of enteric viruses. 21th National Congress of Food Science and Technology. October 2013. Iran, Shiraz. (Oral presentation)
11. **Pezeshki, P.** Habibi Najafi, M.B., Yavarmanesh, M., Abbaszadegan. M., Mohebbi. M. Effect of freezing and cold storage on survival of MS2 bacteriophage as a surrogate of enteric viruses on chicken and lamb meat. 1th International and 24th Iranian of Food Science and Technology Congress. October 2016. Iran, Tehran. (Oral presentation)
12. Shadmamand Foumani Moghadam, M R., Etemadi, SH., Bakhshipour, R., Amushahi, M., Khanizadeh, KH., **Pezeshki, P.** 2020. Prevalence of Sarcopenia and Related Factors in

Elderly Adults in Mashhad- Iran in 2019. 3th International Clinical Nutrition Conference.
February 2020. Mashhad, Iran. (Oral presentation)

Student Project Supervision:

1. Effect of Food Biopeptides on Diabetes. Varastegan Institute for Medical Science (VIMS). Mahsa Amarloo (2018)
2. Association of Dietary Advanced Glycation End Products with Metabolic Syndrome. VIMS. Kimia Araghi moghadam (2018)
3. The Effect of Vitamin D Supplementation in Systemic Lupus Erythematosus Patients. VIMS. Ensieh Soleimani (2018)
4. Impact of Dioxin Exposure on Infant and Child Health. VIMS Mahla Khoramshahi (2018)
5. A Role for Gut Microbiota on Obesity. VIMS. Negin Mosalmanzadeh (2018)
6. Effect of Punica Granatum (Pomegranate) on Non-alcoholic fatty liver disease. VIMS. Nafiseh Alizadeh (2018)
7. Dietary Habits and Helicobacter Pylori Infection. VIMS. Hanieh Honarvar (2018)
8. Effect of L-Citrulline Supplementation on Exercise Performance. VIMS. Sana Sotoodeh nia (2018)
9. The Role of Portulaca Oleracea In the Prevention of Cardiovascular Diseases. VIMS. Mohammad Amooshahi (2018)
10. Association Between Masticatory Function and Obesity. VIMS. Ali Asghari (2019)
11. High Dietary Protein Intake And Bone Health: Good or Bad?. VIMS. Asieh Arasteh (2019)
12. Can Artificial Sweeteners Be Effective in Preventing Diabetes? VIMS. Hossein Safishah (2019)
13. Pre-conceptional Maternal Diet and Fetal Sex pre-selection. VIMS. Kimia Rahimipour (2019)
14. Effect of Vitamin A Supplementation on Iron Deficiency Anemia. VIMS. Faezeh Einbeygi (2019)
15. The Association Between Vitamin D Levels and Chronic Obstructive Pulmonary Disease. VIMS. Azam Heydari (2019)

16. The Effect of Chromium Supplementation on Polycystic Ovary Syndrome. VIMS. Zeynab Ghodoosi (2019)
17. Effects of Two Different Lipid Emulsions (Fish Oil and Soybean Oil) On Parenteral Nutrition Associated Cholestasis in Neonates. VIMS. Pegah Samani (2019)
18. Can Paleolithic Diet decrease Cardiovascular Disease Risk Factors? VIMS. Mohadeseh Tashakori (2019)
19. Evaluation of γ -Tocopherol as A Surrogate Marker of Mortality Risk in Age-Related Diseases. VIMS. Hanieh Tootooni (2019)
20. Effects of Maternal Vitamin B12 Level on Infant Neurocognitive Outcomes. VIMS. Niloofar Safari (2019)
21. Association Between Dietary Acid Load And the Risk of Metabolic Syndrome. VIMS. Haleh Akhtari (2020)
22. The Effect of Low FODMAP Diet on Irritable Bowel Syndrome Improvement. VIMS. Anahita Jafarnezhad (2020)
23. Small but Impressive: Alterations of The Gut Microbiota in Thyroid Disorders. VIMS. Mohammad Amin Mohammadi (2020)
24. Efficacy of Low Glycemic Index Treatment in Epileptic Patients. VIMS. Parto Soltani (2020)
25. Association Between Dietary Acrylamide and The Risk of Woman's Cancer. VIMS. Kiana Kazemi (2021)
26. Probiotics for Prevention of Atopy and Food Hypersensitivity in Early Childhood. VIMS. Mahla Chambari (2021)
27. Association Between Vitamin D Level at Birth and Respiratory Distress Syndrome Among Preterm Neonates. VIMS. Soroor Derakhshandeh (2021)
28. The Effect of Complementary Medicine (Purgative Manna) On Improvement and Treatment of Neonatal Jaundice. VIMS. Amir Hossein Firooz (2021)
29. Trimethylamine-N-Oxide (TMAO) As A Prognostic Biomarker of Early Cardiovascular Diseases. VIMS. Negarin Nazifkar (2021)
30. Hypotensive Effect of Low- Sodium Salt Substitutes: Rumor or Reality?. VIMS. Nioosha Samadi (2021)

Honors & Awards:

- ✓ Top Talent student of Ferdowsi University of Mashhad, Iran. 2016.
- ✓ Ranked 2nd among Food Microbiology Ph.D Students, Ferdowsi University of Mashhad, Iran. 2016.
- ✓ Ranked 1th among Food Science & Technology Master Students, Ferdowsi University of Mashhad, Iran. 2011.
- ✓ Ranked 1th among Food Science & Technology Undergraduate Students, Ferdowsi University of Mashhad, Iran. 2006, 2007 and 2008.
- ✓ Ranked first at Higher Education Entrance Exam of Islamic Azad University. 2008.

Skills:

- ✓ Food Hygiene Certificates, Iran Veterinary Organization (2009)
- ✓ PCR & Gel Electrophoresis Certificates, Ferdowsi University of Mashhad, Iran (2010)
- ✓ Quantitative Microbial Risk Assessment Certificates, Ferdowsi University of Mashhad, Iran (2012)
- ✓ ELISA Certificates, Varastegan Institute for Medical Science, Mashhad, Iran (2012)
- ✓ Safety, protection and laboratory management Certificates. Ferdowsi University of Mashhad, Iran (2012)
- ✓ New Teaching Methods Certificates. Varastegan Institute for Medical Science, Mashhad, Iran (2014)
- ✓ Principles, Methods and Techniques of Counseling Certificates. Khorasan Fara-Andishan Center. Ferdowsi University of Mashhad, Iran (2015)
- ✓ Psychology of Youth Development Certificates. Khorasan Fara-Andishan Center. Ferdowsi University of Mashhad, Iran (2015)

- ✓ How to Write “Systematic Review” Certificates. Zamen Salamati Center. Mashhad University of Medical Science. Iran (2017)
- ✓ Microsoft Office Certificate
- ✓ Ability to work by statistical software: Matlab, Neurosolution, MSTAST, Minitab, SlideWrite
- ✓ Ability to work by educational software: Prezi, Camtasia

Language:

- ✓ English Language Certificates (MSRT) from Ministry of Science, Research and Technology, Iran (2016)