

CURRICULUM VITAE

Personal Data:

Name: Parnian Pezeshki
Date of Birth: April 17, 1985
Place of Birth: Gonabad, Khorasan Razavi Province, Iran
Citizenship: Iranian
Email Address: parnian.pezeshki85@gmail.com



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 |

Research Interests:

- ✓ Food Microbiology (Bacteriology, Virology, Mycology)
- ✓ Food Toxicology
- ✓ Food Chemistry & Biochemistry

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”

Publications:

- ✓ Habibi Najafi, M. B., **Pezeshki, P.** 2013. Bacterial mutation: Types, Mechanisms and Mutant detection methods: A REVIEW. *European Scientific Journal* . Vol.4 , p 628-638.
- ✓ **Pezeshki, P.**, Pournia, KH. 2014. Evaluation of pressure treatments on microorganisms. *Journal of Middle East Applied Science and Technology*. Issue 12(4), p 372-377.
- ✓ **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)
- ✓ **Pezeshki, P.**, Yavarmanesh, M., Habibi Najafi, M. B., Abbaszadegan, M., Mohebbi, M. 2017. 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.
- ✓ **Pezeshki, P.**, Habibi Najafi, M. B., Yavarmanesh, M., Abbaszadegan, M., Mohebbi, M. 2017. 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.
- ✓ **Pezeshki, P.**, Yavarmanesh, M., Habibi Najafi, M. B., Mohebbi, M., Abbaszadegan, M. 2018. 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.

- ✓ 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)
- ✓ 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)
- ✓ **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)
- ✓ **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)
- ✓ **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)
- ✓ 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:

- ✓ **Pezeshki, P.**, Alavi Rafiee, S. and Saadatmandi, A. Effect of nitrate salt in different pH levels on *Staphylococcus aureus* growth control in meat products. 1th International congress of Food Hygiene. April 2009. Iran, Tehran. (Poster)
- ✓ 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. 2th International congress of Food Hygiene. April 2011. Iran, Tehran. (Poster)
- ✓ **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)
- ✓ 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)

- ✓ **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)
- ✓ **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)
- ✓ Abbaszadegan, M., **Pezeshki, P.,** Edalatian, M.R., Yavarmanesh, M., Alum, A. 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)

Work Experience:

- ✓ Technical Officer: Food industry complex, Ferdowsi University of Mashhad, Iran (2009)
- ✓ Assistant Professor:

2009- 2014	Islamic Azad University of Torbat-e- Heidarieh, Iran.
2012- 2014	Tabaran Higher Education Institute, Mashhad, Iran.
2014	Shahid Hasheminejad Higher Education Institute, Mashhad, Iran.
2017	Neyshbour University of Medical Science, Neyshbour, Iran.
2013 - Present	Varastegan Institute for Medical Science, Mashhad, Iran.
- ✓ Director of Nutrition Department, Varastegan Institute for Medical Science, Mashhad, Iran.(2013 - Present)
- ✓ Member of Research Council, Varastegan Institute for Medical Science, Mashhad, Iran.(2017)

Honors & Awards:

- ✓ Ranked first between 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.
- ✓ Ranked first between Food Science & Technology Master Students, Ferdowsi University of Mashhad, Iran. 2011.
- ✓ Ranked first between Food Microbiology Ph.D Students, Ferdowsi University of Mashhad, Iran. 2016.

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)