

Biographical Information

Curriculum Vitae

Name: NARGES VASEJI

Date of birth: 15th April 1971

Place of birth: Karaj, Iran

Marital status: Married

Nationality: Iranian

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BSc : 1989 -1993

MSc : 1994- 1997

Education

- 1. B.Sc. in Microbiology. 1993. Department of Microbiology. Azad University Karaj. Iran.*
- 2. M.Sc. in Virology. 1997 . Razi Institute. Iran*

M.Sc Thesis: Investigation on Newcastle Disease Virus (NDV) contamination with farm broiler labor in karaj city with HI and ELISA. (Supervised by Dr. M.Hesami & Advisored by Dr.R. Karegar & Dr.M.A.Akhavizadegan)

Employee Information

Job title

Member of Scientific Board of Animal Science Research Institute. Karaj. Iran.

Course Taught:

Undergraduate:

Microbiology-Virology

Position:

1999-Present

Key responsibilities

- *Director of project evaluation of research projects of Animal Science Research. Institute .Karaj. Iran.*

Current Projects •

- *Investigation on Newcastle Disease Virus (NDV) contamination with farm broiler labor in karaj city with HI and ELISA*
- *Study of Lactic Acid Bacteriophages in milk of Tehran Province(86/1049)*
- *Selection the best Starters for Yoghurts production(84/10301)*
- *Determination of Azadirachtin content of neem seed samples of different region in Iran to select plus trees for mass propagation including taxonomic studies*
- *Comparision quality of probiotic yoghurt samples produced by bifidobacterium and lactobacillus starters with butyric acid content determine by gas chromatography(88/1300)*
- *Effects of saturated and unsaturated fatty acids in growth medium on lipid composition and on physicochemical surface properties of lactobacillus by gaschromatography (GC) and spectrophotometry*
- *Study of optimal time and pH for Staphylococcus aureus invitro absorbtion by Bentonite*
- *Isolation and Characterization of Potential Phytase-Producing Fungi from Environmental Samples*
- *Isolation and ~~identification~~ Identification of Probiotic lactic acid bacteria from dairy products and chicken gastrointestinal tract*
- *Evaluation of biological safety Bacillus and Entrococcus strains by molecular and biochemical methods*
- *Evaluation of antibacterial metabolites of Lactic Acid Bacteria (LAB) as bio-preservative.Phase1: Evaluation of production of natural preservatives (bacteriocin isolated from indigenous L.plantarum)from camel and goat milk*
- *Evaluation of antibacterial metabolites of Lactic Acid Bacteria (LAB) as bio-preservative.Phase2: Evaluation of bacteriocin isolated from indigenous Lactobacillus plantarum as natural preservative in lactic cheese*
- *Production of single cell protein (SCP) using whey as by specific isolated yeasts from natural environment*
- *Detection of possible genetic defects caused by the Persian Gulf War on the native goat population in Khuzestan province*
- *Determine the genetic diversity of a sample population of male cattle breeding center and improve livestock production using microsatellite markers*
- *Genetic structure of Iranian Partridge population using microsattelite and cytogenetic markers .*
- *Investigation of using nano silver as antimicrobial agent for reducing milk bacterial load*
- *Comparision of antibacterial and antifungal activity of propolis and nanopropolis.*
- *Effects of different dietary levels of probiotics on broilers performance*

- *Effects of dietary probiotics (Bioplus) and multiple strains (protexin) on Arian broilers performance*
- *Study of different dietary levels of probiotics on laying chickens performance*
- *Investigation of energy-protein supplement production , using poultry litter and sugar beet molasses.*
- *Evaluation and comparison different kinds of methods in analysis of cis-trans poly unsaturated fatty acids composition of Eggs enriched with omega – 3 , milk and fish oil by gas chromatography*
- *Identification of resistance genotypes to Scrapie among Iranian sheep populations using Real-time PCR.*
- *Identification and sequencing of some microsatellite loci in Iranian Buffalo genome.*
- *Monitoring of possible genetic disorders resulted from Persian Gulf war on domestic animals in Khuzestan province*
- *Edition of the strategic program on conservation of Iranian animal genetic resources*
- *Acquisition of animal feed supplement production technology based on molasses and poultry waste*
- *Effects of microbial phytase enzyme application on broiler performance*
- *Relationship between candidate genes Caspase1, IGL, B3, TGF-B2 with resistance to Salmonella enteritidis in Marandi chicken population and Arian meat line*
- *Investigation of the effect of accumulation processing on nutritional value and immunization of broiler litter fertilizer*
- *Effects of using ionization system in poultry house on air quality, litter quality, yield, gastrointestinal microflora and immune responses of broilers*
- *Screening, isolation and identification of potential phytase-producing bacteria from environmental samples*
- *Concentration and characterization of fungi and bacteria phytase*
- *Effects of two type of probiotic which produced in animal science research institute(Lactobi and Entrobi) in comparison whit commercial probiotic on broiler performance and immunity responses*
- *Monitoring and registration of the Iranian Adani goat population*
- *Monitoring and registration of the Rayeni Cashmere goat population*
- *Improvement of Embryo production protocol for dual purpose cattle*
- *Genetic evaluation and improvement of Esfahan native chickens in order to develop and extend their raising in the region*
- *Genetic evaluation and improvement of Yazd native chickens in order to develop and extend their raising in the region*
- *Study the possibility of making urea detector kit in animal feed*

Publications:

1. **Vaseji , N., Hesami,M.,Karegar,R., Akhavizadegan , M.A . Investigation on Newcastle Disease Virus (NDV) contamination with farm broiler labor in karaj city with HI and ELISA. of the 7th congress on Infectious Disease and Tropical Medicine . Babolsar 6-8 oct-1998**
2. **Vaseji , N., Shokooh zangeneh,M.H.,Mirhadi , S.A., Banabazi, M.H., Seyedabadi, H.R.Study of lactic acid Bacteriophages in Milk. Proceedings of the first international IraniaCongress on Biological science. 14-15 . December. 2005**
3. **Banabazi,M.H.,Esmailkhanian,S.,Seyedabadi,H.R.,Vaseji,N.Phylogenetic relationship and divergence time between two Iranian Kordisheep populations using microsatellite markers . Proceedings of the first international IraniaCongress on Biological science. 14-15 . December. 2005**
4. **Vaseji , N. Lactobacillus acidophilus NCFM- a probiotic with proven efficacy. (Farsi)Iranian journal The World of Animal Husbandry .July-Aug 2006 .No.14-p:59-67**
5. **Jabbari,L.,Moosavi,M.,Vaseji , N .,Asgari,M.,Piri,M. Determination of Azadirachtin content of neem seed samples of different region in Iran to select plus trees for mass propagation including taxonomic studies. 17th Iranian plsnt Protection Congress . 2-5 September 2006, Tehran , Iran.**
6. **Vaseji , N.Lactic Acid Bacteria : An Approach for Detoxification of Aflatoxins . (Farsi)Iranian journal The World of Animal Husbandry .Dec-Jan 2006 .No.16-p:59-64**
7. **Vaseji , N . Antiviral properties of milk proteins and peptides . (Farsi)Iranian journal The World of Animal Husbandry .April-May 2007.No.17-p:17-25**
8. **Vaseji , N . Antibacterial activity of peptides and folding variants from milk proteins . (Farsi)Iranian journal The World of Animal Husbandry . July-Aug 2007.No.19-p:27-36**
9. **Vaseji , N . Acid and bile tolerance and cholesterol removal ability of Lactobacilli strain. (Farsi)Iranian journal The World of Animal Husbandry**
10. **Vaseji , N .Nutritional and technological aspects of minor bioactive components in milk and whey : Growth factor , Vitamins and nucleotides . (Farsi)Iranian journal The World of Animal Husbandry .Feb-March 2007.No.22-p:12-16**
11. **Vaseji , N .Mirhadi , S.A ., Shokooh zangeneh,M.H. Study on incidence rate of streptococcus thermophilus and lactobacillus bulgaricus bacteriophages in milks of Tehran province .Iranian Animal Science Researches Journal . 2 Autumn 2007 . p:5-11**
12. **Vaseji , N .Esmailkhanian , S., N .Mrhadi , S.A ., Shokooh zangeneh,M.H.Selection the best Starters for Yoghurts production. Iranian Animal Science Researches Journal . 3 Winter 2008**
13. **Vaseji , N .Growth of probiotic Lactobacilli in the presence of oleic acid enhances subsequent survival in gastric juice. (Farsi)Iranian journal The World of Animal Husbandry .Jun-July 2008.No.24**
14. **Seyedabadi,H.R.,Afriz , F., Banabazi,M.H., Vaseji , N. Identification of mutation carriers responsible for SCID among Iranian arab horses using a test based on PCR . Iranian Animal Science Researches Journal (Azad university) . 1 Summer 2008 .p:43-48.**
15. **Vaseji , N., Banabazi,M.H, Shokooh zangeneh,M.H. Relationship between pH and milk Bacteriophages(Streptococcus thermophilus and Lactobacillus bulgaricus). Iranian Animal Science Researches Journal. Summer 2010.No.9 .p:17-23.**

16. Mojgani N., Ameli M., **Vaseji N.**, Amirinia C., Trshizi A.K and Hejazi M.A.2009.Influenceof bacteriocine producing *Lactobacillus casei* RN78 in growth control of *L.monocytogenes* in experimental cheese samples . *International conference on Environmental,Industrial and Applied Microbiology*;Lisbon,Portugal
17. **Vaseji, N.**,Borazjani,M., Amirinia,C.,Mirhadi,S.A.,Mojgani,N., Banabazi,M.H., .., Shokooh zangeneh,M.H . comparision of the quality probiotic yoghurt samples produced by bifidobacterium and lactobacillus starters by measuring the amount of butyric acid using gas chromatography. *Iranian Animal Science Researches Journal*
18. Mojgani N., Ameli M., **Vaseji N.**, Hejazi M A.,Torshizi M A and Amirinia C .Growth control of *listeria monocytogenes* in experimental cheese samples by *lactobacillus casei* RN 78 and its bacteriocin.*African Journal of microbiology research(ISI)*
19. Mojgani N., **Vaseji N.***Technological & Commercial Applications of Lactic acid Bacteria;Health & Nutritional Benefits in Dairy Products. Iranian Animal Science Researches Journal*
20. Houshang Afrouzan, Cyrus Amirinia, Sayed Ahmad Mirhadi, Alireza Ebadollahi, **Narges Vaseji** and Golamhosein Tahmasbi. *Evaluation of antimicrobial activity of propolis and nanopropolis against Staphylococcus aureus and Candida albicans. African Journal of Microbiology Research Vol. 6(2), pp. 421-425, 16 January, 2012(ISI)*
21. Hasani Ahmadreza1; S.I. Aliyeva ; S.A. Mirhadi; **N. Vaseji** and Abdolhoseini. *Bio conversion of cheese whey to biomass and bioprotein by yeast cultures. The 1th International and The 4th National Congress on Recycling of Organic Waste in Agriculture. 26 – 27 April 2012 in Isfahan, Iran*
22. **Vaseji N**, Mojgani N, Amirinia C and Iranmanesh M. *Comparison of Butyric acid concentrations in ordinary and probiotic yogurt samples in Iran.Iranian journal of microbiology. Volume 4 Number 2 (June 2012) 87-93.*
23. Houshang Afrouzan, Cyrus Amirinia, Sayed Ahmad Mirhadi, **Narges Vaseji** and Golamhosein Tahmasbi . *Nanopropolis and drug resistant.11th Asian apicultural conference. Apiexpo & workshop biodiversity , Choices and Constrained Resources.*
24. Mafakheri A, Fartash A.H, Ebrahimi A, **Vaseji N** and Meymandi A. *Investigation and identification of native fungi producing phytase enzyme from the soil of different regions of Alborz province. The Second National Conference on New Issues in Agriculture.2013.*
25. Naheed Mojgani; Fatimah Hussaini; Narges Vaseji.(08 Feb 2015).*Characterization of Indigenous Lactobacillus Strains for Probiotic Properties. Jundishapur Journal of Microbiology.8(2):e17523.*
26. **Vaseji, N.**, Mojgani N, Sadeghipanah, A. *Changes in the membrane polarity of probiotic bacteria In terms of intra-laboratory testing. Veterinary Journal (Pajouhesh & Sazandegi) No 108 pp: 45-56. 2015.*
27. **Vaseji N**, Mojgani N,*Evaluation of Optimal Time and pH for Absorption of Staphylococcus aureus by Sodium Bentonite in Invitro Conditions. Applied Animal Science Research Journal No 15 pp: 73-80.*

28. Naheed Mojgani¹, Narges Vaseji¹, Soodabeh Khalkhali and Muneera NazBaloch. 2017. *Biochemical and Molecular Analysis of the Antilisterial Peptides Produced by Enterococcus hirae Strains Isolated from Raw Ewe Milk*. *Journal of Advances in Biology & Biotechnology*. 11(3): 1-11; Article no. JABB.30045
29. Khatibi M, Vaseji N, Salehi B, Mojgani N. *Evaluating the Safety of Indigenous Enterococcus species isolated from dairy products and Breast milk by Biochemical and Molecular Methods*. *Animal science Journal (Pajouhesh & Sazandegi)* No 120 pp: 89-102. 2018.
30. Vaseji N, Hosseini S.A, Mojgani N. *Isolation and identification of phytase producing fungi for extraction and use of enzymes in animal feed and poultry*. *Animal science Journal (Pajouhesh & Sazandegi)* No 123 pp: 3-12. 2019.
31. Rezvanian N, Mojgani N, Vaseji N. *Evaluation of Bacillus species as Probiotic and their Phenotypic and Genotypic Safety Assessment by biochemical and molecular methods*. *Animal science Journal (Pajouhesh & Sazandegi)* No 125 pp: 167-184. 2019.
32. Mojgani N, Vaseji N, Hajghasemi M, Zarei Firouzabadi. *In vitro Colonization Properties of Bifidobacterium and lactobacillus species with Probiotic Potential*. *Journal of Veterinary Microbiology, Islamic Azad University, Garmsar Branch*, 2020.
33. Mojgani N, Sanjabi M, Dalimi A, Vaseji N, Zareiyousefabad E. *The effect of probiotics and plant extracts on growth performance, biochemical parameters of blood and immune system of broilers*. *Livestock production research*. No. 28 pp: 1-10.

Personal Interests

1 - Proficient in the following Immunologic skills (Such as : Haemagglutination Inhibition Test and Haemagglutination Test)

2 - Proficient in the following Microbiology skills

3 – ELISA (Enzyme Linked Immunosorbent Assay)

4- HPLC (High Performance Liquid Chromatography)

Contact Information

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