

Curriculum Vitae

Dr. HAMED AHARI , (DVM Ph.D)



Personal and contact Details:

- ✓ **Member of Scientific Board on Food science Faculty**(Sciences and Researches Branch of Tehran, Islamic Azad University, Iran)
- ✓ **Assistant Professor of Food Safety and Quality Control ,**
- ✓ **(International Food Lead Auditor of world Food Safety organization): WFSO.**
- ✓ **Manager of Food Quality lab** (Corporative laboratory of Health and Medicine Education Ministry of Iran).
- ✓ **Research and Development Manager on Nano Technical Company.**
- ✓ **Teaching ON TEHRAN University & Azad Islamic university & Payam nour university./**
- ✓ **Associate member of FOOD PROTECTION of American food society,**
- ✓ **Member of American Society for FOOD PROTECTION (FPA)**
- ✓ **Member of WORLD FOOD SAFETY ORGANISATION (WFSO)**
- ✓ **Member of Iranian FOOD Sciences Society (IFS)**
- ✓ **INTERNATIONAL LEAD AUDITOR OF FOOD SAFETY SYSTEM**

Personal Information

First name: Hamed

Date of birth: 21st August 1981

Marital status: Single

Gender: Male

Work address: Islamic azad Alley, after Hesarak st., Ponak, Tehran, Iran (Department of Food Science and Technology, Science and Research Branch, Islamic Azad University, Tehran, Iran).

Home address:

9th Floor , No 862, Mahestan Tower (c1) ., Golestan ST ., Iran zamin Ave ., Shahrak gharb ., Tehran, Iran.

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Surname: Ahari

Nationality: Iranian/Islamic Republic of Iran

Title: Dr

Brief Resume:

Education:

Doctor of veterinary Medicine, Education 2006-2007 (DVM).

Specialized Doctorate of Food Quality control and Hygiene (ph.D).

Graduated of MBA course on Tehran University.

Title of Doctorate Thesis :

- ✓ **(MOLECULAR DETECTION OF STAPHYLOCOCCUS AUREUS . BY USING 23SRNA AND A, B, ,C GENES & DIFFERENT OF POLYMERASE CHAIN REACTION AND CELULLAR DETECTION.)** -(Pasteur Institute of Iran)

Supervisor: Dr.Delavar.shabazzadeh, DVM ,PhD.

Consulters (1): Dr.Mohamad reza.Poarshafee, ,PhD.

Consulters (2): Dr.Ali.Misaghi, ,DVM ,PhD.

Title of PhD Thesis :

- ✓ **Nanobiosensor Designing with Molecular Framework Polymer Method Compare from Agent-linked Nanosilica Biosensor for *Staphylococcus aureus* Exotoxin Detection**

Supervisor : Dr V.Razavilar

Consulters (1): Dr AA.motallebi.

Consulters (2): Dr.B.akbari Adregani ,PhD.

**Translated and published by Lambert Academic Publisher in Germany
That result published on 3 ISI paper and 4 congresses and 2 patents**

- ❖ Biotechnology (DNA Extraction – PCR – ELISA-SDS page), DNA Recombinant, venom and toxins study.
- ❖ -Microbiology (Anti bigram- Mortal Effect of Gamma on E.coli- Designing of Nanobiosensor for Microbial Detection)
- ❖ -Immunology: (cytokines, antibody) and inflammatory properties of Nanosilver).
- ❖ -Nano Technology: (Anti microbial properties of Nanosilver and effect on food shelf life and treat of cell cancer) .
- ❖ -Quality control system Adviser , Lead Auditor of WFSO.
- ❖ -Standards and Food safety management system and (like as FSMS , GLP ,ISO22000,ISO17000)

"Teaching Experience":

- Quality control on Tehran university
- Advanced Biochemistry for Food science students (Ghalat university).
- General Microbiology for Food science (Ghaza university)
- FOOD Microbiology for Food science (Ghaza university)
- English language for MSc students on Tehran payam nour university.
- Food Microbiology and Advance microbiology on Azad Islamic university.

Publications :(A: Books)

- 1-**Veterinary parasitology** (Compilation) ,2004, Publisher : Jahad Daneshgahi , Soraya Naeem,Sohrab Rasoli,Hamed Ahari.
- 2- **Electromagnetic fields in Histochemistry** (Compilation) , 2005,publisher : Jahad Daneshgahi , Saeed Nafisi , Hamed Ahari, Salar Nazmi ,Farhad Dasmalchi.
- 3-**Cartter veterinary Microbiology** (Translation):2007, publisher : partove vagee, Gasem yoasef Baygi , Hamed Ahari, Mohamad Sasegi zali, Salar Nazmi,...
- 4-**Nano technology in medicine and veterinary medicine**(Compilation),2008,publisher: university of Tehran –Jahad Daneshgahi Hamed Ahari ,... Scientific Editor : Dr.D.shahbazzadeh , Supervisor: Dr.Ahmad.Shimi.
- 5-**Food Hygiene , Nanotechnology Approach** (compilation) , 2008, publisher :Partove Vagee , Hamed Ahari..... Scientific Editor : Dr.Gity.Karim.
- 6- **Food Safety Dictionary**(publisher: WFSO).2011. Amirali anvar ,Hamed Ahari..... Scientific Editor : pro Dr Habibolah Hedayat
- 7-**Microbial and chemical food prescription** (compilation) , , 2009, publisher :Partove Vagee .
- 8- **International standards on food safety management** Publisher:Iranian fisher research organization).2009.
- 9-**International standards in Food Hygiene management** . (Publisher:Tehran university).2010.
- 10-**Design and standards of chemical and microbial laboratory**. publisher :TEHRAN UNIVERSITY and Dr Nik khah .2010.
- 11- **Quality control on Fishery science** (publisher : Agriculture ministry of iran)_2011.
- 12_ **Food safety with vitamins, minerals , additives' ,forgeries attitude** .(publisher : fishery publication).2011.
- 13_ **General Food microbiology and laboratory practice method** – : Jahad Daneshgahi 2011.
- 14-**Quality Control On Food safety management system** , published by azad Islamic university 2011.
- 15-**Food Quality Assurance (translated and published** by Savad kooh azad university 2011).

Member of national and international society:

Date	place	kind	Name of course	
2005	Iran	National	Imono assay course	1
2006	Iran	National	Cell culture	2
2007	Iran	National	Esfahan microbiology course	3
2007	Iran	National	Biosafety course	4
2007	Iran	National	ISO 9001-9002 Of Standard Courses	5
2008	Iran	National	ISO 9001-9002 internal audit	6
2008	Iran	National	5s Standard Course	7
2008	Iran	International	Requirements & internal audit of iso 22000:2005 & HACCP	8
2009	Iran	International	Quality Management system internal audit (DIN EN ISO9001:2000 QMS,ISO 19011:2002	9
2009	Iran	National	Design Of Experiments.	10
2010	Iran	International	International Quality Management system internal audit (ISO18001:2005 OHSAS)	11
2010	Iran	International	International Quality Management system internal audit (ISO 9001:2008).	12
2010	Iran	International	Representative of Management	13
2010	Iran	International	Requirements & internal audit of Iso 13485	14
2010	Iran	International	International Quality Management system internal audit (ISO22000:2005 & HACCP)-TUV NORD.	15
2010	Iran	International	Quality Management system (ISO22000:2005 & HACCP)-TUV INTER CERT.	16
2010	Iran	National	Management representative	17
2011	Iran	National	Searching Method on scientific Data Base	18
2011	Malaysia	International	Writing scientific paper	19
2011	TURKISH	International	END NOTE FOR REFERENCE (ISI TXTE)	20

National Conference papers and presentation:

- 1- *Bovine Clinical and sub clinical streptococcus mastitis* (14th veterinary congress of iran Tehran_iran)(2004).
- 2- *Examination of aeromonas in food hygiene and industry* (14th veterinary congress of iran Tehran_iran)(2004).
- 3- *Microbiology study in liver cyst urmia slaughterhouse*(14th veterinary congress of iran Tehran_iran)(2004).
- 4- *Examination of diplostomosis in fishes* (14th veterinary congress of iran Tehran_iran)(2004).
- 5- *Examination of bacterial infection in poultry food* (14th veterinary congress of iran Tehran_iran)(2004).
- 6- *Examination of transportation fever in cattle*(14th veterinary congress of iran Tehran_iran)(2004).
- 7- *Study of E. coli Contamination of Quizzes cheeses* (The 8th national congress of Microbiology Tehran_iran)(2006).
- 8- *Searching of more than authorize limitation antibacterial survivor in newly slaughtered fowl's corpses* (14th veterinary congress of iran -Tehran_iran)(2004).
- 9- *Relation of heating process in milk microbiology*(3th mashad university)(2007).
- 10- *Treat mental properties of fruit juice and extract*(3th mashad university)(2007).
- 11- *Nano technology in veterinary*(15th veterinary congress of Tehran_iran)(2008).
- 12- *STAPHYLOCOCCUS SPP DNA EXTRACTION BY MELETING AND CELL FREEZING FOR MOLECULAR DETECTION*(5th national congress of zoonoses)(2007).
- 13- *SETTING UP MOLECULAR DETECTION TO STAPHYLOCOCCUS SPP. BY USING 23S rRNA GENE AND TO COMPARE WITH THE RESULT OF THE CELL CULTURE*(5th national congress of zoonoses)(2007).
- 14- *Survey of Gamma (γ) Irradiation on Contaminated Food with Escherichia Coli*(15th veterinary congress of Tehran_iran)(2008).
- 15- *Detection , Antibigram Of STAPHYLOCOCCUS AUREUS In Non Pasteurized Milk Samples From Tehran Province Restricts And Compare To Bacterial Culture*(15th veterinary congress of Tehran_iran)(2008).
- 16- *Nano zeolite ,a New product for reduction of bacteria , fungal and mycotoxin coutamination in food elements.*(Asian Laman festival celebration)(2009).
- 17- *Nano biotic , suggestion on a new product with saw time antibiotic and probiotic properties.*(Asian Laman festival celebration)(2009).
- 18- *Study of growth inhibitory effect of nanosilver-containing paint on p.aeruginosa.* (the second Iranian congress of cilncal microbiology 7-9 october , 2008).
- 19- *Study of growth inhibitory effects of silver particles on E.coli.* (the second Iranian congress of cilncal microbiology 7-9 october , 2008)
- 27- *Increasing the Durability of Iran caviar by means of titanium dioxide – based Nano – silver packaging coatings* .(Azad Islamic university food safety congeress on savad khooh 2011).

International congress:

1. **Nanozeolite biochemical and antimicrobial roles in poultry and domestic animals food.** (Food micro 2008,1-4Sep, 21th International congress- England –Aberdeen).
2. **Survey of Gamma (γ) Irradiation on Contaminated Food with Escherichia Coli** (Food micro 2008,1-4Sep, 21th International congress- England –Aberdeen).
3. **Molecular Detection of STAPHYLOCOCCUS AUREUS in Raw Milk Samples Collected From Province Restricts, Using M. PCR Method.** (Food micro 2008, 1-4Sep, 21th International congress- England –Aberdeen).
4. **Nanozeolite antibacterial application in food chain.**(IUMS 2008 , International congress of bacteriology and applied microbiology)- Turkey -Istanbul
5. **Detection , Antibiogram Of STAPHYLOCOCCUS AUREUS In Non Pasteurized Milk Samples From Tehran Province Restricts And Compare To Bacterial Culture.** .(IUMS 2008 , International congress of bacteriology and applied microbiology)- Turkey -Istanbul
6. **Effects of gamma rays in E.coli stagnant water and change in to usable water.** .(IUMS 2008 , International congress of bacteriology and applied microbiology)- Turkey –Istanbul.
7. **Nanozeolite biochemical and antimicrobial roles in poultry and domestic animals food.**(Nanotech Northern Europe 2008, Denmark – Copenhagen.)
8. **Nanotechnology Applications in Veterinary Medicine.**(Nanotech Northern Europe 2008, Denmark –Copenhagen.)
9. **Nanocid biocochemical and antibacterial properties.**(Nanotech Northern Europe 2008, Denmark –Copenhagen.)
10. **A case report of the reconstruction of head skin in a dog by H-plasty method**(2nd international symposium of veterinary surgery (ISVS)- Iran –kerman.
11. **Toxicity of Nanosilver suspension in rainbow Trout**(1st international congress On Aquatic Animal Health Management and Diseases)- 2009, Iran-Tehran.
12. **Nanocid effect on streptococcosis in rain bow trout fish**(1st international congress On Aquatic Animal Health Management and Diseases)- Iran-Tehran.
13. **Antibiogram Of STAPHYLOCOCCUS AUREUS from Non Pasteurized Milk Samples And Culture method** (1th international congress of veterinary pharmacology & pharmaceutical)-iran-tehran.
- 14- **Antibacterial effect of nanosilver particles on pasteurized milk shelf-life**(Izmir turkey food technology congeress2011).
- 15_ **Nano and Antibacterial beverage can caps To reduce microbial load,** 26th Scientific conference of NSM2011.
- 16-**HACCP on Food safety management system** , irland . food protection congeress 2011.
- 17- **THE INHIBITORY EFFECT OF NANOCID® AGAINST STAPHYLOCOCCUS AUREUS AT DIFFERENT TEMPERATURES** , 4th international recent advances in food analysis , 4-6 november2010. Prague.
- 18- **GROWTH RESPONSE OF SALMONELLA TYPHIMURIUM TO SILVER NANOPARTICLE AT DIFFERENT TEMPERATURES**, 4th international recent advances in food analysis , 4-6 november2010. Prague.

Title of Projects:

1. Effects of gamma rays in E..coli stagnant water and change in to usable water- finished –urmia university(2004).
2. Examination of actinomycosis infection in urmia slaughterhouse-finished-urmia university(2005).
3. Examination of sarcosis infection in urmia slaughterhouse-finished-urmia university(2005).
4. A Survey of Staphylococcus aureus Molecular Detection By Using 23S rRNA , A , B , C Genes And Microbial Culture. Pasteur Institute of Iran(2006).
5. Detection , Antibiogram Of STAPHYLOCOCCUS AUREUS In Non Pasteurized Milk Samples From Tehran Province Restricts And Compare To Bacterial Culture. Pasteur Institute of Iran(2006).
6. SAPHYLOCOCCUS SPP DNA EXTRACTION BY MELETING AND CELL FREEZING FOR MOLECULLAR DETECTION. Pasteur Institute of Iran
7. Study of effects of Nanocid on five viral pathogen.compilation in Tehran university(2007).
8. Antibacterial effects of nanosilver particales used in packaging materials on salmonella typhimurium bacilos sereus,staphylococcus.aureus(2008-2009).
9. An investigation on the effect of NANOCID on sheep ruminal populatin in vitro. compilation in gorgan university(2008).
- 10.The cytotoxic of effects of Nanocid in normal cells. compilation in Biotechnology Department of Pasteur Institute (2009).
- 11- Nano and Antibacterial beverage can caps To reduce microbial load (azad Islamic university)2010.
- 12- Increasing shelf life of Iranian saffron using food grade nanofilms.2011.food lab .
- 13- Increasing the Durability of Iran caviar by means of titanium dioxide – based Nano – silver packaging coatings .IFRO.2011.
- 14- Rapid method in DNA Extraction of food pathogen by using liquid nitrogen. PASTURE INSTITUE.2010.

Publications paper (scientific journal)-(ISI):

- 1- A Survey of *Staphylococcus aureus* Molecular Detection By Using 23S rRNA , A , B , C Genes And Microbial Culture.(Iranian journal of Veterinary sciences)- Summer 2007
- 2- Detection , Antibiogram Of *STAPHYLOCOCCUS AUREUS* In Non Pasteurized Milk Samples From Tehran Province Restricts And Compare To Bacterial Culture(Tehran university)-Spring 2009.
- 3- Setting up molecular detection to *staphylococcus spp.* Using 23s rRNA gene and to compare with the result of the cell culture.(Iranian journal of Garmsar Veterinary sciences)- 2007.
- 4- *Sarcocystosis in slaughtered animals examined by digestive method*(Iranian journal of Garmsar Veterinary sciences)- 2007.
- 5- Studies on goats tick fauna and seasonal variations of tick population in west azarbaijan province(ranian journal of myaneh veterinary sciences)-2008.
- 6- *Sarcocystosis in slaughtered animals examined by digestive method(west azarbaijan iran)* (Iranian journal of Veterinary sciences)-2007.
- 7- *Effects of Gamma rays in E.coli stagnant water and change in to usable water.*(Iranian journal of Veterinary sciences)-2008.
- 8- Increasing the Durability of Iran caviar by means of titanium dioxide – based Nano – silver packaging coatings .(comparing patho biology journal)2011.
- 9- *Rapid method in DNA Extraction of food pathogen by using liquid nitrogen* , .(comparing patho biology journal)2011.
- 10- **Gamma irradiation for eradication of coliforms from food plant water sources (see food journal ,2012.)**
- 11- **Nano and Antibacterial beverage can caps To reduce microbial load.**(comparing patho biology journal)2011.
- 12- **Antiserum production in immunized camel by the venom of Hemiscorpius lepturus scorpion:** evaluation of neutralizing test in vivo, *Tehran University Medical Journal; Vol. 68, No. 5, Aug 2010: 268-273*

Publications paper (ISI Journal) :

- **-Selective Amplification of *Sea*, *Seb* and *Sec* Genes by Multiplex PCR for Rapid Detection of *Staphylococcus aureus*(2009)**, Pakistan journal of nutrition 8(1).- 8 (1): xx-xx, 2009
- Epidemiological and clinical survey of scorpions in khuzestan province , iran (2003).***Toxicon journal-England.(www.elisevier.com/locate/toxicon).*
- The application of silver nano particles to the reduction of bacterial contamination in poultry and animal production.**(*food manufacturing efficiency*)-volume 2,issue 1 2008.England.
- **-The effects of nanosilver (Nanocid®) on survival percentage of rainbow trout (*Oncorhynchus mykiss*).** –Pakistan journal of nutrition 8(1).-2009.(issn 1680-5194).
- **-The effects of nanosilver (Nanocid®) containing pools on survival percentage of rainbow trout (*Oncorhynchus mykiss*) egg and larvae.** (Under –refereeing).
- **-The cytotoxicity assay of Nanosilver (Nanocid®) on G292 osteoblast cancerous cell line.**(Under –refereeing).
- The inhibitory effect of silver nanoparticles against some bacterial fish pathogens, *Streptococcus iniae*, *Lactococcus garvieae*, *Yersinia ruckeri* and *Aeromonas hydrophila***_Tehran university-2010- Published.
- **INVESTIGATION OF NANOSILVER TOXICITY EFFECT ON FIBROBLAST AND MESENCHYMAL STEM CELL LINES**, Iranian Journal of Fisheries Sciences (IJFS)
- **Toxicity Study of Nanosilver (Nanocid®) on Osteoblast Cancer Cell Line**, *Int. Nano Lett., Vol. 1, No. 1, January 2011, pp. 11-16.*
- **Some Biological analysis of Iranian (Khuzestan) scorpion *Hemiscorpius lepturus* venom.**./*toxicon*.

Last paper :2008 until Now ➤

- .1 Ahari H, Dastmalchi F, Ghezelloo Y, Paykan R, Fotovat M, Rahmannya J. The application of silver nanoparticles to the reduction of bacterial contamination in poultry and animal production. *Food Manufacturing Efficiency*. 2008;2(1):49.

- .2 Ahari H, Razavilar V, Motalebi A, Akbari-adergani B, Anvar A, Shahbazadeh D, et al. Short Communication: DNA Extraction Using Liquid Nitrogen in Staphylococcus aureus. Iranian Journal of Fisheries Sciences. 2012;11(4):926-9.
- .3 Ahari H, Shahbazzadeh D, Misaghi A. Selective Amplification of SEA, SEB and SEC Genes by Multiplex PCR for Rapid Detection of Staphylococcus aureus. Pakistan Journal of Nutrition. 2009;8(8):1224-8.
- .4 AHARI H, SHAHBAZZADEH D, MISAGHI A, POURSHAFI M. DETECTION AND ANTIBIOGRAM OF STAPHYLOCOCCUS AUREUS IN NON PASTEURIZED MILK SAMPLES FROM TEHRAN PROVINCE RESTRICTS AND COMPARE TO BACTERIAL CULTURE. JOURNAL OF VETERINARY RESEARCH. 2009.
- .5 AMINFAR H, HABIBIAN R, ANVAR A, SOHRABI HAGHDOOST N, RASOOLI S. EVALUATION OF PARASITIC CONTAMINATION OF ELIMINATED SHEEP LIVERS IN URMIA SLAUGHTER HOUSE. IRANIAN JOURNAL OF COMPARATIVE BIOPATHOLOGY. 2011.
- .6 Aminzadeh Z, Mirzaei J, Ahari H, Tavassoli M, Besharat M, Rahmanna J, editors. Using of nanosilver as a disinfectant in-vitro and onto hospital surfaces and duration of effect. International Journal of Infectious Diseases; 2011: Elsevier.
- .7 Fahimdanesh M, Mohammadi N, Ahari H, Khosravi MA, Zanjani FZH, Behrouznasab K. Effect of microencapsulation plus resistant starch on survival of Lactobacillus casei and Bifidobacterium bifidum in mayonnaise sauce. African Journal of Microbiology Research. 2012;6(40):6853-8.
- .8. MOADAB SOMAYEH AH, SHAHBAZZADEH D, MOTALEBI AALI, ANVAR AALI, RAHMANIA J, SHOKRGOZAR MR. TOXICITY STUDY OF NANOSILVER (NANOCID®) ON OSTEOBLAST CANCER CELL LINE. INTERNATIONAL NANO LETTERS (INL). 2011.
- .9 Moaddab S, Ahari H, Shahbazzadeh D, Motalebi AA, Anvar AA, Rahman-Nya J, et al. Toxicity Study of Nanosilver (Nanocid) on Osteoblast Cancer Cell Line. Int Nano Lett. 2011;1:11-6.
- .10 RASOULI S, ANVAR A, AHARI H, KHODADADI A. PARASIT SURVEY IN FISHES OF MARMISHO LAKE (ARGULUS FOLIACEUS PARASITE). IRANIAN JOURNAL OF COMPARATIVE BIOPATHOLOGY. 2011.
- .11 RASOULI S, HOGHOUGHIRAD N, DAVOUDI J, AHARI H. STUDIES ON SHEEP TICK FAUNA AND THEIR SEASONAL POPULATION VARIATIONS IN AZARBAYEJAN-E-QARBI PROVINCE. JOURNAL OF NEW AGRICULTURAL SCIENCE. 2008.
- .12 Rasouli S, Nekuifard A, Azadikhah D, Ahari H, Anvar A, Khodadadi A, et al. Ectoparasite infection of Carassius carassius in water resources of west Azerbaijan, Iran. Iranian Journal of Fisheries Sciences. 2012;11(1):156-64.
- .13 Shahbazzadeh D, Ahari H, Motalebi A, Anvar A, Moaddab S, Asadi T, et al. In vitro effect of Nanosilver toxicity on fibroblast and mesenchymal stem cell lines. Iranian Journal of Fisheries Sciences. 2011;10(3):487-96.
- .14 Shahbazzadeh D, Ahari H, Pooshang Bagheri K, Ghamnak A, Asadzadeh N, Ghasemi P, et al. Antiserum production in immunized camel by the venom of Hemiscorpius lepturus scorpion: evaluation of neutralizing test in vivo. 2010.
- .15 Shahbazzadeh D, Ahari H, Rahimi NM, Dastmalchi F, Soltani M, Fotovat M, et al. The Effects of Nanosilver (Nanocid®) on Survival Percentage of Rainbow Trout (Oncorhynchus mykiss). Pakistan Journal of Nutrition. 2009;8(8):1178-9.
- .16 Shahbazzadeh D, Amirkhani A, Djadid ND, Bigdeli S, Akbari A, Ahari H, et al. Epidemiological and clinical survey of scorpionism in Khuzestan province, Iran (2003). Toxinology : official journal of the International Society on Toxinology. 2009;53(4):454-9.
- .17 Soltani M, Esfandiary M, Sajadi M, Khazraeenia S, Bahonar A, Ahari H. Effect of nanosilver particles on hatchability of rainbow trout (Oncorhynchus mykiss) egg and survival of the produced larvae. Iranian Journal of Fisheries Sciences. 2011;10(1):167-78.
- .18 Soltani M, Ghodrathnema M, Ahari H, EbrahimzadehMousavi H, Atee M, Dastmalchi F, et al. The inhibitory effect of silver nanoparticles on the bacterial fish pathogens, Streptococcus iniae, Lactococcusgarvieae, Yersinia ruckeri and Aeromonashydrophila. Iranian Journal of Veterinary Medicine. 2009;3(5).

Scientific Certificate:

1. Cell culture course (Microbiology- Urmia university-2005)
2. Immuno Assay Educational course (Immunology- Tarbiat modares university-2006)
3. Multi plex PCR(Biotechnology- Pasteur Institute of Iran-2007)
4. The control of Gumboro disease in chickens workchop ,CEVA SANTE animal(Avian clinical-14th veterinary congress ,Tehran-Iran-2004).
5. Certificate of completion((Bio safety in Molecular Biology lab)- Pasteur Institute of Iran
6. Luminescence Assay For Biological Detection(Tarbyat Modares University-2006).
7. Gratitude tablet (13th book festival celebration)- Jahad university-2006.
8. 4th medicince and prevention congress(Besat Hospital)-2007.
9. Asian Laman festival celebration(Modaress university)-2009.
- 10.student model in azad Islamic university,2011.
- 11.best researcher on young researcher club at 2012.
- 12.First researcher on azad Islamic university at 2010.
- 13-earning of silver medal on GENEVA INVENTIONS.20110

Quality Management system certificate:

- 10- ISO 9001-9002 Standard Courses / Scientific – Applied Course/ Tehran/2008.
- 11- 5s Course /Scientific- Applied Course/ Tehran/2008.
- 12- Requirements & Internal audit of iso 22000:2005 & HACCP(14TH to 16th October 2008)-TUV (INTER CERT) Iran –Germany.
- 13- Quality Management system internal audit (DIN EN ISO9001:2000 QMS,ISO 19011:2002).TUV (Rheinland)Academy.
- 14- Design of experiments. (4TH December 2008)-TUV(INTER CERT) Iran –Germany.
- 15-International Quality Management system internal audit (ISO18001:2005 OHSAS).AFAQ,AFNOR International (Course certified by: international register of certificated auditors(course number:A17323).
- 16-International Quality Management system internal audit (ISO 9001:2008). AFAQ,AFNOR International (Course certified by: international register of certificated auditors(course number:A17323).
- 17-R&D Course -TUV (INTER CERT) Iran –Germany.
- 18-Requriments of GMP (veterinary Drug)-veterinary comical I.R.
- 19- Requirments of GMP (food section) -veterinary comical I.R.
- 20-Requirements & internal audit of Iso 13485- TUV (INTER CERT) Iran –Germany.
- 21-Representative of Management - TUV (INTER CERT) Iran –Germany.
- 22- International Quality Management system internal audit (ISO 22000:2008). TUV NORD (Course certified by: international register of certificated auditors(course number:A17323).

Member of Scientific Associations:

- Young Researcher Club(Active member of club).
- Iranian society of microbiology(Normal member).
- Iranian society of nano (normal member).
- Iranian –food science and technology association (counties member).
- Iranian veterinary society (normal member).
- Iranian biotechnology society (counties member).
- Member of world food safety organization.(member).
- Member of food protection.
- Member of food science association.

Supervisor on student Thesis and PhD Thesis:

- 1 -Study of apoptose induction amount of silver particles on different tracks of natural, carcinoid and human stem cells.(Consulator) / Somayeh Moadab/ Advisor/2007/ Payam – nour university of Tehran.
- 2 -Nanosilver function on meaty avian Immun system(Consulator),/Leila Bahrainy/ Advisor/2008/ Zanjan university.
- 3 - Effectiveness of Nanozeolite in meaty avian function(Consulator),/akram shabani/ Advisor/2009/Ghorghan university.
- 4 - survey of Nanozeolite in morphologic study in avian function(Consulator),/azimi/Tehran,Tarbyat modaress/ Advisor/2009.
- 5-study of nanozeolite effect on rainbow trout ,Nazanin Mohamadi (Consulator)/ Azad university – Hesarak faculty.
- 6-Survey of Nanocid filter on rainbow trout(Consulator) ,/Hemati/ Azad university.
- 7-Study on shelf life and detect of food microbe.

Last Record and work experiences:

1. Trainee In Razi Institute- Iran,2004.
2. Biotechnology Department of Institute Pasture.- Iran,2006.
3. Scientific representative of nanobiotechnology , Pars Nano Nasb Company,Iran ,2007.
4. Manager of veterinary Department of Pars Company- Iran,2008.
5. Scientific Representative of pars nano nasb company ,2008.
6. Manager of the food hygiene group,2009.
7. Teaching biochemical Section in payam nour university,2008.
8. Manager of Nano test Lab (Food Quality Control Lab),2009.
9. Teaching food standard and basic science in TUV Rheinland Iran-Germany.
- 10-Technical expert in cell bank and biotechnology Department of Institute Pasture.
- 11-Teaching on Tehran university(food science department)
- 12-Teaching on food science faculty of azad Islamic university.

patent:

1-certificate for registration of invention:

Application of Nano silver in interrupting & Treatment of cancerous cell of Marrow .

Registry no: 38710754

2-certificate for registration of invention:

Effects of Gamma rays in E.coli stagnant water and change in to usable water.

Registry no: 387101126.

3-certificate for registration of invention:

DNA Extraction By liquid azotes. Registry no: 38711219.

4-certificate for registration of invention:

Molecular Detection Of STAPHYLOCOCCUS AUREUS In Non Pasteurized Milk Samples by 23s r RNA,SEA,SEB,SEC Gens.

Registry no: 38711324.

References:

- 1-**Dr.D.Shahbazzadeh,DVM,PhD.**(- Member of Scientific Board of Pastur Institute of Iran- Biotechnology Section Biotechnology Department of Pasteur Institute of Iran).- 0912-3905275.
- 2-**Dr.F.Talakesh,DVM.**(Adviser of hygiene and quality control principles in food industry).-09126069168.
- 3-**Dr.A.Misaghi.** DVM,PhD .(Department of Food Hygiene, Faculty of Veterinary Medicine University of Tehran).09123905275.
- 4-**Dr.G.Karim.** DVM,PhD .(Department of Food Hygiene, Faculty of Veterinary Medicine University of Tehran- Professor of University of Tehran).- 0912-130-4161
- 5-**Dr.A.Shimi.** DVM,PhD .(- Honor Assistant Professor of University of Tehran Department of Microbiology, Faculty Faculty of Veterinary Medicine University of Tehran).(021-4455966).
- 6-**Dr. M,R. Pourshafi** - Member of Scientific Board of Pastur Institute of Iran- Microbiology Section 0912-247-8667.
- 7-DR ABBASALI MOTALEBI 09122995881 , Member of Scientific Board./
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