



Name and surname:

Sima Moradi

Date of birth: 20st
september 1990

Nationality:

Iranian/Islamic Republic of
Iran

Marital status: Married

Title: Dr

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Home address:

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PERSONAL AND CONTACT DETAILS

- + Sciences and Researches Branch of Islamic Azad university Tehran,
, Iran'
- + **(International Food Lead Auditor of world Food Safety organization):
WFSO.**
- + **Member of American Society for FOOD PROTECTION (FPA)**
- + **Member of WORLD FOOD SAFETY ORGANISATION (WFSO)**

BRIEF RESUME:

Education:

Doctor of veterinary Medicine, Education 2009-20015 (DVM).

Title of Doctorate Thesis : Study of *Acipenser persicus* caviar shelf life
by Nano silver packaging with comparison Normal
packaging

Supervisor:

Consulters (1):
Thesis Advisor:
A. MOTALLEBI Ph.D.

Consulting Advisor:

N. ROKNI Ph.D.

"TEACHING EXPERIENCE":

- Teaching General Food Microbiology (at scientific and Applied university).

PUBLICATIONS :(A: BOOKS)

- + **Food Safety Dictionary**(publisher: WFSO).2011.
- + Amirali anvar ,Hamed Ahari...Sima Moradi... Scientific Editor : pro Dr Habibolah Hedayat
- + **International standards on food safety management** Publisher:Iranian fisheries research organization).2009.
- + **Design and standards of chemical and microbial laboratory**. publisher :TEHRAN UNIVERSITY and Dr Nik khah publisher.2010.
- + **Food Quality Assurance (translated and published** by azad university 2011).
- + Food laboratory quality control standards (publisher : azd university-2014).
- + Research methodology for food science (under referring by Tehran university)

MEMBER OF NATIONAL AND INTERNATIONAL SOCIETY:

Date	place	kind	Name of course	
				1
2006	Iran	National	Cell culture	2
2007	Iran	National	Biosafety course	3
2008	Iran	National	ISO 9001-9002 internal audit	4
2008	Iran	International	Requirements & internal audit of iso 22000:2005 & HACCP	5
2011	Iran	National	Searching Method on scientific Data Base	6
2011	Malaysia	International	Writing scientific paper	7
2011	TURKISH	International	END NOTE FOR REFERENCE (RIS)	8

NATIONAL CONFERENCE PAPERS AND PRESENTATION:

- + **STAPHYLOCOCCUS SPP DNA EXTRACTION BY MELETING AND CELL FREEZING FOR MOLECULAR DETECTION**(5th national congress of zoonoses)(2007).
- + **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).
- + **Survey of Gamma (γ) Irradiation on Contaminated Food with *Escherichia Coli***(15th veterinary congress of Tehran _iran)(2008).
- + **Detection , Antibiogram Of STAPHYLOCOCCUS AUREUS In Non Pasteurized Milk Samples From Tehran Province Restricts And Compare To Bacterial Culture**(15th veterinary congress of Tehran _iran)(2008).
- + **Study of growth inhibitory effect of nanosilver-containing paint on *p.aeruginosa***. (the second Iranian congress of cilinal microbiology 7-9 october , 2008).
- + **Study of growth inhibitory effects of silver particles on *E.coli***. (the second Iranian congress of cilinal microbiology 7-9 october , 2008)
- + **7- 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:

- + **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
- + **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.
- + **Nanozeolite biochemical and antimicrobial roles in poultry and domestic animals food**.(Nanotech Northem Europe 2008, Denmark –Copenhagen.)
- + **Nanotechnology Applications in Veterinary Medicine**.(Nanotech Northem Europe 2008, Denmark –Copenhagen.)
- + **Nanocid biocochemical and antibacterial properties**.(Nanotech Northem Europe 2008, Denmark –Copenhagen.)

PUBLICATIONS PAPER (SCIENTIFIC JOURNAL)-(ISI):

- 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.

-Gamma irradiation for eradication of coliforms from food plant water sources (*see food journal ,under refering.*)

Nano – silver packaging on Iranian caviar(For increasing the shelf life)-by lambert university publisher,2014.

SCIENTIFIC CERTIFICATE:

- + 11.best researcher on young researcher club at 2012.
- + 13-earning of silver medal on GENEVA INVENTIONS.2010
- + Gold medal on Asian innovation festival (china -2013).
- + Silver medal on chamran festival –(tehran university2014).

Quality Management system certificate:

1. 10- ISO 9001-9002 Standard Courses / Scientific – Applied Course/ Tehran/2008.
2. 12- Requirements & Internal audit of iso 22000:2005 & HACCP(14TH to 16th October 2008)-TUV (INTER CERT) Iran –Germany.
3. 19- Requirments of GMP (food section) -veterinary comical I.R.

MEMBER OF SCIENTIFIC ASSOCIATIONS:

- + Young Researcher Club(Active member of club).
- + Iranian society of nano (normal member).
- + Iranian veterinary society (normal member).
- + Iranian biotechnology society (counties member).
- + Member of world food safety organization.(member).
- + Member of food science association.

LAST RECORD AND WORK EXPERIENCES:

- + Trainee on Biotechnology Department of Institute Pasture.- Iran,2009.
- + Scientific Representative of pars nano nasb company ,2010.
- + Teaching biochemical Section in payam nour university,2014.
- + -Teaching on food science at applied university,2015.

PATENT:

- + **-The *Staphylococcus aureus* Exotoxin Recognition Using Nanobiosensor Designed By an Antibody-Attached Nanosilica Method.**
- + **-Nanobiosensor designing with molecular framework polymer Method.**
- + FORMULATION OF SAFFRON AND A METHOD OF PREPARATION THEREOF, Ahari, Hamed; Anvar, AmirAli; Rahimian, Mahdi; Allahyaribeik, Sara; Moradi, Sima, US Patent, Patent Number: US 10,953,065B2, Application Number: 17/086,763.
- + FORMULATION OF SAFFRON AND A METHOD OF PREPARATION THEREOF, Ahari, Hamed; Anvar, AmirAli; Rahimian, Mahdi; Allahyaribeik, Sara; Moradi, Sima, PCT, Application Number: PCT/IB2020/061605.

REFERENCES:

- + Dr.M.Ghavami.(Department of Food science, Faculty of of Food science and technology on Islamic Azad university. -09101501815

- + Dr.D.Shahbazzadeh,DVM,PhD.(- Member of Scientific Board of Pasteur Institute of Iran- Biotechnology Section Biotechnology
- + Dr.G.Karim. DVM,PhD .(Department of Food Hygiene, Faculty of Veterinary Medicine University of Tehran- Professor of University of
- + Tehran).- 0912-130-4161
- + DR ABBASALI MOTALEBI 09122995881 , Member of Scientific Board./
- + Dr Noordahr Rokni
- + (professor Academic Member of Faculty, Science and Research Branch of Islamic Azad University, Tehran. Iran.)
- + Dr Amirali Anvar
 - o (Assistant professor And Academic Member of Food Hygiene Group, Faculty of Veterinary Medicine, University of Tehran, Tehran, Iran)-09121979611.