

## CV

Sure name: Rahimifard

First name: Nahid

Nationality: Iranian

Place of birth: Tehran

Present status: Associate Professor in Microbiology; Ph.D

Doctorate in Medical Diagnostic Laboratory Sciences,

Department of Microbiology, Food and Drug Control Laboratories(FDCL), Food and Drug Administration(FDA), Ministry of Health and Medical Education(MOH), Food And Drug Laboratories Research Center(FDLRC); Halal Research Center(HRC); Water Health Research Center(WHRC); Cosmetic and Hygiene Research Center(CHRC), Tehran, Iran.

Department of Microbiology, Pharmaceutical Sciences Branch, Islamic Azad University (IAUPS), Tehran, Iran.

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### **Education:**

- 1984 Training of Diagnostic Medical Microbiology, Parasitology, Immunology, Biochemistry, Serology, Haematology, Mycology, Related Departments of Taleghani Hospital, Shahid Beheshti University of medical Sciences . Tehran, IRAN
- 1985 Training of Haematology, Cytology and Pathology, Haematopathology Department of Loghman Hospital, Shahid Beheshti University of medical sciences . Tehran, IRAN  
NHD in Medical Laboratory Sciences, Shahid Beheshti University of Medical Sciences, Tehran, IRAN
- 1988 Training of Diagnostic Medical Microbiology, Parasitology, Immunology, Biochemistry, Serology, Haematology, Virology, Mycology, Related Departments of Rasul Akram Hospital, Iran University of medical sciences . Tehran, IRAN
- 1989 Training of Diagnostic Mycology, STD, Hafte Tir Hospital, Iran University of medical sciences. Tehran, IRAN  
Training of Toxicology, legal medicine, Legal Medicine Centre, Tehran , IRAN
- 1991 MD in Medical Laboratory Sciences, Iran university of Medical Sciences, Tehran, IRAN

- 1994 Training of New Diagnostic Microbiology Techniques (PCR...), Genetic Engineering Centre, Tehran, IRAN
- 1996 Training of Diagnostic Medical Virology, Cell Culture, Departments of Virology, Rasul Akram Hospital, Iran University of medical sciences. Tehran, IRAN
- 1997 Training of Electron Microscopy, Departments of Virology, Rasul Akram Hospital, Iran University of medical sciences. Tehran, IRAN
- 1998 Training of Diagnostic Medical Parasitology, Mycology, Related Departments of Behdasht faculty, Tehran University of medical sciences. Tehran, IRAN
- 1999 Training of Nuclear Medicine, Nuclear Medicine Centre, Tehran University of medical sciences. Tehran, IRAN
- 2000 Training of Diagnostic Medical Microbiology, Microbiology Department of Imam Khomeini Hospital, Tehran university of medical sciences. Tehran, IRAN  
 Training of Sex Transmitted Diseases, Razi Hospital, Tehran University of medical sciences. Tehran, IRAN  
 Training of Skin Diseases, Razi Hospital, Tehran University of medical Sciences. Tehran, IRAN
- 2001 Training of Infectious Diseases, Infectious Department of Imam Khomeini Hospital, Tehran University of medical sciences. Tehran, IRAN  
 Training of Pediatric Diseases, Pediatric Medical Hospital, Tehran University of medical sciences. Tehran, IRAN  
 Training of Pathology, Pathology Department, Imam Khomeini Hospital, Tehran University of medical sciences. Tehran, IRAN
- 2002 Training of Endoscopy and taking Gastric biopsy, Internal Diseases Department of Imam Khomeini Hospital, Tehran university of medical sciences. Tehran, IRAN
- 2002-2003  
 One year Training of Cell Culture, Microbiology Department, Tehran University of medical sciences. Tehran, IRAN
- 2003 PhD in Medical Microbiology, Tehran University of medical science . Tehran, IRAN
- 2004 Short Training of Mycoplasma spp. Culture, Microbiology Department, Melbourne University of medical sciences. Melbourne, Australia.

### **Employment:**

- 1989 – 1994 Director of Medical Microbiology Department, Rasul Akram Hospital, Iran University of medical sciences, Tehran, IRAN
- 1990 – 1994 Lecturer of Medical Microbiology and Parasitology in Iran University of medical sciences, Tehran, IRAN
- 1994 - 1995 Director of Medical Laboratory, Tohid Burning Hospital, Iran University of medical sciences, Tehran, IRAN

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|----------------|---|
| 1994- Present  | Co operation with Institute of Standards and Industrial Research of Iran(ISIRI)   |
| 1995 – 2010    | Lecturer of Medical Microbiology, Medicine microbiology control, Food microbiology standards , in Pharmacy sciences branch of Islamic Azad university, Tehran, IRAN |
| 1995 – 2010    | Lecturer of Medical Microbiology , in Pharmacy sciences branch of Islamic Azad university, Tehran, IRAN   |
| 1995 - Present | Microbiologist of Food and Drug control Labs.QC Laboratories of Health Ministry, Tehran, IRAN   |
| 1997 – Present | Director of Medical diagnostic laboratory, Private, Tehran, IRAN  |
| 1998 - Present | Lecturer of Medical Microbiology, Tehran University of Medical sciences, Tehran, IRAN   |

### **Published Books:**

- 1 - (2007) A rapid Guide to Food and Cosmetic Microbiology Laboratories. Tabib-Teimourzadeh publication, 1<sup>st</sup> Edition.
- 2- (2007) *Helicobacter pylori*, Gastric infectious bacteria. Tabib-Teimourzadeh publication, 1<sup>st</sup> Edition
- 3- (2007) Atlas of the Saprophytic Fungi. Sadate Hejazi publication.1<sup>st</sup> Edition.
- 4- (2009) Technical, hygienic principles and safety management system of Beverages and canned food. Food and Drug Deputy publication, 1<sup>st</sup> Edition.
- 5- (2015) A Guide to rapid Diagnosis in Microbiology Laboratories. Tabib-Teimourzadeh publication, 1<sup>st</sup> Edition

### **Published Articles:**

- 1- A comparison of modified cytological and histological staining methods for the Diagnosis of *pneumocystis carinii* pneumonia, Drug and Treatment Journal 1993; 10(118): 17-23
- 2- Effects of common Antibacterial drugs on the most common bacterial infections, Drug and Treatment Journal 1993;
- 3- Laboratory aspects of Ocular infections, Nabz Journal 1994; 4(5): 11-16
- 4- A Rapid and new method for the diagnosis of fungal keratitis, Nabz Journal 1995; 4(7): 13-17
- 5- A comparison of modified cytological and histological staining methods for the diagnosis of *Pneumocystis carinii* pneumonia , Rahimifard, N., Ahi, M., Kahnamuui, A. 1997 APMIS 105 (12) , pp. 904-908
- 6- Study of inter vertebra angle and lordosis, Nabz Journal 1997; 6(67): 35-38
- 7- New methods for the diagnosis of PCP, Tehran university of medical sciences Journal 1999; 57(4): 17-22

- 8- New Histochemical staining methods for the diagnosis of PCP, Pagoohandeh Journal 2000; 17:65-69
- 9- Systemic review. Research in Medicine. 2002;28(1):15-18
- 10- The use of HepII cell for Helicobacter pylori attachment assay. Yakhteh Journal 2003;5(19):177-182
- 11- Specific role of glycoconjugate chains terminal molecules in the development of mice parotid medulla, Mazendaran university of medical sciences Journal 2003; 13(40): 1-8
- 12- *H.pylori* attachment to AGS, HT29/219, HT29, SW742, Caco-2, HepII, Hela, 7 mammalian cell lines. Iran basic medical sciences Journal 2004; 6(4): 294-300
- 13- Lectin histochemistry of the terminal glycoconjugates in the adrenal gland cells of rat. Pajuhandeh 2005; 9(6): 341-348
- 14- *Vibrio parahemolyticus* in sea food from the south sea of Iran  
Rahimifard, N., Yasuri, F.N., Ahi, M., Saadati, S., Hoseini, F., Noori, Z., Alahyari, M.  
2006 Biosciences Biotechnology Research Asia 3 (2 A) , pp. 309-310
- 15- *H.pylori* attachment to 7 mammalian cell lines. Tehran university of medical sciences Journal 2007; 64 2: 172-180
- 16- *Bacillus cereus* in infant formula. Tehran university of medical sciences Journal 2007;65 8 :64-68
- 17- Mutagenicity and carcinogenicity of 4 natural food flavor and preservative in food, cosmetic and sanitary industries  
Rahimifard, N., Shoeibi, Sh., Pakzad, Sr., Ajdary, S., Pirali Hamedani, M., Hajimehdipoor, H., Adib, N., Hedayat, M.  
2008 Biosciences Biotechnology Research Asia 5 (2) , pp. 639-640
- 18- The presence and control of Salmonella in food stuffs  
Rahimifard, N., Shoeibi, Sh., Hamedani, M.P., Saleh, M., Bagheri, F., Saadati, Sh., Noori, Z.  
2008 Biosciences Biotechnology Research Asia 5 (2) , pp. 647-649
- 19- Antifungal activity of native essential oil of *Zataria multiflora* on *Candida albicans*, *Aspergillus niger* and *Aspergillus flavus* from Iran. Biomedical and Pharmacology Journal. 2008;1(02): 289-292
- 20- Detection of staphylococcus aureus enterotoxins (SEs) in foodstuffs by ELISA  
Rahimifard, N., shoeibi, s., Pakzad, S.R., Ajdary, S., Hamedani, M.P., Saadati, S., Noori, Z., Maleknejad, P. 2008 Journal of Pure and Applied Microbiology 2 (2) , pp. 615-616

- 21- Antifungal activity of native essential oil of *Eugenia caryophyllata* on *Candida albicans*, *Aspergillus niger* and *Aspergillus flavus* from Iran. Biomedical and Pharmacology Journal. 2008;1(01): 43-46
- 22- Antifungal activity of native essential oil of *Cinnamomum zeylanicum* on *Candida albicans*, *Aspergillus niger* and *Aspergillus flavus* from Iran.. Biomedical and Pharmacology Journal. 2008,1(01):85-88
- 23- Antifungal activity of the native essential oil of thymus vulgaris on candida albicans, aspergillus niger and aspergillus flavus from Iran  
Rahimifard, N., Shoeibi, Sh., Sabzevari, O., Pakzad, S.R., Ajdary, S., Pirali Hamedan, M., Hajimehdipour, H., (...), Esmaeili, B.  
2008 Journal of Pure and Applied Microbiology 2 (2) , pp. 343-346
- 24- A new HPLC method for determination of ciprofloxacin in human plasma and its application in bioequivalence studies : Adib, N., Shekarchi, M., Kobarfard, F., Hamedani, M.P., Hajimehdipour, H., Rahimifard, N.  
2008 Biosciences Biotechnology Research Asia 5 (2) , pp. 583-586
- 25- The microbial quality of poultry paste as raw material, cooked and raw meats in Iran :Rahimifard, N., Shoeibi, Sh., Hamedani, M.P., Saleh, M., Saadati, Sh., Bagheri, F., Noori, Z. 2009 Journal of Pure and Applied Microbiology 3 (1) , pp. 91-93
- 26-Detection of Mycoplasma sp. in vaccines produced by cell culture  
Rahimifard, N., Shoeibi, Sh., Hamedani, M.P., Pakzad, S.R., Ajdari, S., Hajimehdipour, H., Bagheri, E., (...), Shahbazi, S.  
2009 Journal of Pure and Applied Microbiology 3 (1) , pp. 63-65
- 27-Microbiological control of the cosmetic material during 2004 and 2005 in Iran  
Rahimifard, N., Shoeibi, S.H., Pirali Hamedani, M., Saleh, M., Bagheri, F., Saadati, S.H., Noori, Z., (...), Asghari, S.H.  
2009 Biosciences Biotechnology Research Asia 6 (1), pp. 233-234
- 28- Effects of zearalenone and  $\alpha$ -zearalenol in comparison with raloxifene on T47D cells  
Khosrokhavar, R., Rahimifard, N., Shoeibi, S., Hamedani, M.P., Hosseini, M.-J.  
2009 Toxicology Mechanisms and Methods 19 (3) , pp. 246-250
- 29- Mutagenicity of four natural flavors: Clove, cinnamon, thyme and Zataria multiflora Boiss.  
Shoeibi, Sh., Rahimifard, N., Pirouz, B., Yalfani, R., Pakzad, S.R., Mirab Samiee, S., Pirali Hamedani, M. 2009 Journal of Medicinal Plants 8 (SUPPL. 5) , pp. 89-96
- 30- Effects of essential oil and extract of Thymus vulgaris, Zataria multiflora and Eugenia caryophyllata on Vero, Hela, HepII cell lines by MTT assay  
Rahimifard, N., Pakzad, S.R., Shoeibi, Sh., Hedayati, M.H., Hajimehdipour, H., Motaharinia, V., Mehrafshan, L., (...), Pirali-Hamedani, M.  
2009 Journal of Medicinal Plants 8 (30) , pp. 152-156+157
- 31- Antidermatophyte activity of the essential oil of Hypericum perforatum of north of Iran .Larypoor, M., Akhavansepahy, A., Rahimifard, N., Rashedi, H.

2009 Journal of Medicinal Plants 8 (31) , pp. 110-117

32- Detection of *Campylobacter jejuni* in raw meat. Iranian Journal of Microbiology. 2009;1(03):43-44

33- Chemical composition and antimicrobial activity of *Oliveria decumbens* volatile oil from west of Iran

Hajimehdipoor, H., Samadi, N., Mozaffarian, V., Rahimifard, N., Oeibi, Sh., Pirali Hamedani, M. 2010 Journal of Medicinal Plants 9 (SUPPL 6.) , pp. 39-44

34-The mutagenic and antimutagenic activity of *Lavandula angustifolia* and *Elettaria cardamomum* essential oils in the bacterial reverse mutation assay

Rahimifard, N., Hajimehdipoor, H., Pirouz, B., Bagheri, F., Bagheri, O., Mirdamadi, K.S. 2010 Journal of Medicinal Plants 9 (35) , pp. 139-142

35- Cytotoxic effects of essential oils and extracts of some *Mentha* species on Vero, Hela and Hep2 cell lines

Rahimifard, N., Hajimehdipoor, H., Hedayati, M.H., Bagheri, O., Pishevvar, H., Ajani, Y. 2010 Journal of Medicinal Plants 9 (35) , pp. 88-92

36- Comparative study on anti-*Helicobacter pylori* effects of licorice roots collected from different regions of Iran

Shoeibi, Sh., Hajimehdipoor, H., Rahimifard, N., Rezazadeh, S.H., Hasanloo, T., Bagheri, F., Amini, A. 2010 Journal of Medicinal Plants 9 (36) , pp. 43-47+214

37- Cytotoxic effect of saffron Extract on Vero, Hela, Hep2 Cell Lines by MTT Assay. Rahimifard, N., Hajimehdipoor, H., Hedayati, M., Esmaili. 2012 Journal of Medical Microbiology of Iran. 4(4) 59-65

38- *Helicobacter pylori* and the herbal compound effect. Rahimifard, N., Rabiei, M., Beitollahi, L., Ahi, K. , 2012 Biosciences Biotechnology Research Asia; 7(02): 647-649.

39- Synergistic effects of supernatant from *Lactobacillus plantarum* cultured medium and conventional antibiotics against *Pseudomonas aeruginosa*. Aminnezhad, S., Rahimifard, N., Kermanshahi, R.K., Ranjbar, R., Bagheri, O., Bagheri, F. 2012 Biosciences Biotechnology Research Asia; 9(02): 457-466.

40- Chemical composition of the essential oil and antioxidant activities, total phenol and flavonoid content of the extract of *Nepeta pogonosperma*, Khalighi-Sigaroodi, F., Ahvazi, M., Ebrahimzadeh, H., Rahimifard, N. (2013) Journal of Medicinal Plants ; 12 (48) : 185 - 199

41- The Effect of Size and Taper of Apical Preparation in Reducing Intra-canal Bacteria : A Quantitative SEM Study. Nahid Mohammadzadeh Akhlaghi, Nahid Rahimifard , Amirabbas Moshari, Mehdi Vatanpour, and Soheila Darmiani .2014Iranian Endodontic Journal; 9(1): 61-65.

42- Study of the Antibacterial Activity of Total Extract and

Petroleum Ether, Chloroform, Ethyl Acetate and Aqueous Fractions of Aerial Parts of *Heliotropium bacciferum* against *Staphylococcus aureus*, *Bacillus cereus*, *Pseudomonas aeruginosa*, *E.coli*, *Salmonella enteritidis*, Nahid Rahimifard, Elham Bagheri, Jinoos Asgarpanah, Babak Kabiri balajadeh, Hamidreza Yazdi and Fatemeh Bagheri. 2014 Biosciences Biotechnology Research Asia; 11(01): 239-248

43- Etiology and Drug resistance Pattern of Ventilator Associated Pneumonia in an Iranian 1000-Bed Tertiary Care Hospital, H Bahrami, M Rahbar, N Rahimifard, HH Mehdipour, H Rastegar. 2014 British Microbiology Research Journal 4 (11), 1211-1218.

44- Comparison of three methods for evaluation of the antimicrobial activity of *Lactobacillus acidophilus* bacteria against *Escherichia coli* and *Salmonella enterica* serotype enteritidis. SS Shokraei, N Rahimifard, MM Shad. 2014 Iranian Journal of Public Health 43, 167

45- Evaluation of the antimicrobial effect of *Lactobacillus acidophilus* isolated from probiotic infant formula on *Escherichia coli*. SS Shokraei, N Rahimifard, MM Shad. 2014. Iranian Journal of Public Health 43, 152

46- Evaluation of the antimicrobial effect of *Lactobacillus gasseri* on *Salmonella enterica* serotype enteritidis. M Barzavar, N Rahimifard. 2014 Iranian Journal of Public Health 43, 98

47- Evaluation and comparison of the antimicrobial effect of *Lactobacillus gasseri* on *Salmonella enterica* serotype enteritidis. M Barzavar, N Rahimifard. 2014 Iranian Journal of Public Health 43, 21

48- A survey on the antimicrobial effect of methanolic extract and alkaloid fractions of aerial parts of *Glaucium vitellinum* against different bacterial strains and *Candida* Spp with disk diffusion and MIC. M Mehrara, N Rahimifard, M Hakemi-Vala, J Asgarpanah, M Heidary. 2014. Iranian Journal of Public Health 43, 284

49- Lectin histochemical method for the detection of surface sugars in the adrenal medullary cells of embryos and newborn mice. M Ahi, N Rahimifard, M Jafarpour, S Ghafarian, H Mofidpour, 2005. Iranian Journal of Basic Medical Sciences 8 (3), 140-146

50- Study of the Antibacterial Activity of Total Extract and Petroleum Ether, Chloroform, Ethyl Acetate and Aqueous Fractions of Aerial Parts of *Heliotropium bacciferum* Nahid Rahimifard, Elham Bagheri, Jinoos Asgarpanah, Babak Kabiri balajadeh, Hamidreza Yazdi and Fatemeh Bagheri. 2014 Journal of Medicinal Plants ; 13(52)

### **Presentations:**

1-(1994) Laboratory aspects of endophthalmitis and corneal ulcers. 4th congress of Ophthalmology.

2-(1995) New methods for the diagnosis of eye fungal infections. 5th congress of Ophthalmology.

- 3-(1996) Introduce of new techniques for the diagnosis of PCP. 2nd congress of Lung diseases.
- 4-(1996) Side effects of self drug therapy.1st congress of ethics in the Pharmacy and basic medical sciences.
- 5-(1996) Diagnosis of PC using microanatomy techniques.3rd congress of anatomy.
- 6-(1998) Side effects of lumbar pains.1st congress of biomechanics.
- 7-(1998) Lumbar pain reduction.6th congress of work therapy.
- 8-(2000) Abuse of drugs.1st congress of PhD students.
- 9-(2000) New hypothesis in the clinic and paraclinic of *E.coli* and *Shigella*. Annual pathology congress.
- 10-(2001) TB pathogenesis. Anual pathology congress.
- 11-(2005) Profit by natural processing for achieving safe traditional foods. Innovations in traditional foods. Spain.
- 12-(2005) Traditinal dairy foods and Brucellosis in Asia. Innovations in traditional foods. Spain.
- 13-(2005) Use of plant essences VS artificial antimicrobial preservatives and essence in traditional foods. Innovations in traditional foods. Spain.
- 14-(2005) Wrong costumes in using high-risk foods (to be or not). Innovations in traditional foods. Spain.
- 15-(2005) Microbial limits of dry tea.8th national congress on environmental health.8-10th November Tehran Iran.
- 16-(2005) Salmonella sp in food stuff.8th national congress on environmental health.8-10th November Tehran Iran.
- 17-(2006) Microbiological examination of Milk and dairy products. A national Seminar on milk processing & consumer's health.1-2end of March, Kermanshah Iran.
- 18-(2006) Microbial and chemical contaminants in food boxes. Food box congress.3rd of March, Shahid Beheshti University of medical sciences. Tehran Iran
- 19-(2006) Microbiological quality of food cans.8th congress of Microbiology. Isfahan
- 20-(2006) Microbiological quality of Poultry paste.9th congress of Nutrition. Tabriz
- 21-(2006) *Bacillus cereus* in infant formula. 9th congress of Nutrition.Tabriz
- 22-(2006) *Enterobacter sacazaki* in infant formula. 9th congress of Nutrition.Tabriz
- 23-(2006) Microbial quality of poultry paste as raw material, IUFOST, Nantes, France, 17-21 September.
- 24-(2006) The presence of *Bacillus cereus* in infant formula, IUFOST, Nantes, France, 17-21 September.
- 25-(2006) *Enterobacter sakazakii* in infant formula, IUFOST, Nantes, France, 17-21 September.
- 26-(2006) Inhibition of *H.pylori* attachment to 7 mammalian cell lines by Bovine colostrum, IUFOST, Nantes, France, 17-21 September.
- 27-(2006) *Vibrio parahemolyticus* in seafoods, IUFOST, Nantes, France, 17-21 September.
- 28-(2006) NaCl concentration for inhibition of fungi growth, IUFOST, Nantes, France, 17-21 September.
- 29-(2007) CRM in Laboratory, Laboratory and Clinic Congress. Tehran,Iran , January.
- 30-(2007) 7<sup>th</sup> Congress of Anatomy .Kashan,Iran ,January.
- 31-(2008) Microbial study of cosmetics products .9<sup>th</sup> congress of microbiology of Iran.,Kerman, Iran. 4-6 March



- 32-(2008) Microbial study of drinking water,mineral water and donated waters of Zam Zam springs to pilgrims which were sent to FDCL. .9<sup>th</sup> congress of microbiology of Iran., Kerman, Iran. 4-6 March
- 33- (2008) Detection of *Staphylococcus aureus* enterotoxins (SES) in foodstuffs by ELISA International conference of Food Science and Technology. Semarang – Indonesia. 1 Agu-31 Jul.
- 34- (2008) Mutagenicity and Carcinogenicity of 4 natural food flavour and preservative in food, cosmetic and sanitary industries International conference of Food Science and Technology. Semarang – Indonesia. 1 Agu-31 Jul
- 35-(2008) Microbial study of imported adding materials to nutrition, received to FDCL .9<sup>th</sup> congress of microbiology of Iran, Kerman, Iran.4-6 March.
- 36-(2010) Investigation of Anti-*H.pylori* effects of Glycyrrhiza glabra from different parts of Iran.12<sup>th</sup> Iranian pharmaceutical sciences congress.
- 37-(2010) Antioxidant activity and total phenol content of three Nepeta species.14<sup>th</sup> International congress. Phytopharm 2010. Saint- Petersburg, Russia. 1-3 July.
- 38- (2010) Probiotic bacteria role on Health and safety of children. National congress of the safety of food and beverage. Sari, Iran. 12-13 October.
- 39- (2010) Feasibility study on waste bread recycling in Tehran. International congress on food technology. Antalya, Turkey. 3-6 November.
- 40- (2010) Probiotic bacteria role on Health and safety. National congress of the safety of food and beverage. Sari, Mazendaran, Iran.20-23 October.
- 41- (2010) Probiotic bacteria role on Children Health and safety. 11<sup>th</sup> Iranian nutrition congress. Shiraz,Iran.1-4 November.
- 42- (2011) Antimicrobial effect of methanolic extract of ginger on *Helicobacter pylori* .21<sup>st</sup> European Congress of Clinical Microbiology and Infectious Diseases(ECCMID) and the 27<sup>th</sup> International Congress of Chemotherapy(ICC).Milan,Italy.7-10 May.
- 43- (2011) Examining the anti-*Helicobacter pylori* effect of Nitroimidazolyl methylene benzofuranone. The first seminar of the basic science role on health progress.Shahid Beheshti University of Medical Science.Tehran,Iran 8-9 March.
- 44-(2012) A study on etiology and drug resistance pattern of Ventilator Associated Pneumonia(VAP) in Iranian 1000-beds tertiary care hospital and evaluation of extract of *Thymus vulgaris*, *Zataria multiflora* and *Cinnamomum burmannii* against isolated organisms.The 5<sup>th</sup> International and 10<sup>th</sup> National congress on Quality Improvement in Clinical Laboratory.Tehran, Iran 23-26 April.
- 45- (2012) The Mutagenic and Antimutagenic Activity of *Lovandula angostifolia* and *Elettaria cardamomum* Essential Oils in the Bacterial Reverse Mutation Assay. National congress on medicinal plants.Kish, Iran.16-17 May.
- 46- (2012) Effect of Essential Oil and Extract of Six Species of Spearmint on Vero, Hela, Hep2 Cell Lines by MTT Assay and Antibacterial Effect. National congress on medicinal plants.Kish, Iran.16-17 May.
- 47- (2012) A study on Etiology and drug resistance pattern of Ventilator Associated Pneumonia (VAP) in Iranian 1000-beds tertiary Care Hospital and evaluation of extract of *Thymus vulgaris*,*Zataria multiflora* and *Cinnamomum burmannii* against isolated organisms. National congress on medicinal plants.Kish, Iran.16-17 May.
- 48- (2012) Effects of Saffron extract on Vero, HeLa, HepII cell lines by MTT assay. National congress on medicinal plants.Kish, Iran.16-17 May.
- 49-(2012) Hospital infection control. Hand hygiene in hospitals congress.Tehran.Iran.15 October.
- 50-(2013) Microbiological control of cosmetics products during 3 years since 1389 The 14<sup>th</sup> International congress of Microbiology.Tehran, Iran, 28-30 August.

51-(2013) Microbiological control of Minced meat, Hamburger, Chicken nugget, Meat paste. The 14<sup>th</sup> International congress of Microbiology.Tehran, Iran,28-30 August.

52-(2013) Tea microbiological specification.

The 14<sup>th</sup> International congress of Microbiology.Tehran, Iran,28-30 August.

53-(2013) Microbiological control of Poultry paste.

The 14<sup>th</sup> International congress of Microbiology.Tehran, Iran,28-30 August.

54-(2013) Microbiological quality of cream sweets collected from Tehran south areas -summer 1391, The 14<sup>th</sup> International congress of Microbiology.Tehran, Iran,28-30 August.

55-(2013) Probiotic effects on Gut normal flora regulation and their benefit in human health., 21<sup>th</sup> national congress of Food Science and Technology,Shiraz, Iran,29-31 October.

56-(2014) A Survey on the antimicrobial effect of methanolic extract and alkaloid fractions of aerial parts of *Glaucium vitellinum* against different bacterial strains and *Candida* spp with Disk diffusion and MIC, Mina Mehrara<sup>1</sup>, Nahid Rahimifard<sup>2</sup>, Mojdeh Hakemi-Vala<sup>3</sup>, Jinus Asgarpanah<sup>1</sup>, Mohsen Heidary<sup>3</sup>, Saeed Khoshnood<sup>3</sup>..15<sup>th</sup> International congress of Microbiology.Tehran, Iran, 26-28 August.

57-(2014) Evaluation of the antimicrobial effect of *Lactobacillus acidophilus* isolated from probiotic infant formula on *Escherichia coli* Seyedeh sara shokraei<sup>1</sup>, Nahid Rahimifard<sup>2</sup>, Maryam Moslehi shadi<sup>1</sup>..15<sup>th</sup> International congress of Microbiology.Tehran, Iran, 26-28 August.

58-(2014) Beverage and food quality control and microbiological specification Nahid Rahimifard<sup>1</sup>..15<sup>th</sup> International congress of Microbiology.Tehran, Iran, 26-28 August.

59-(2014) Evaluation and comparison of the antimicrobial effect of *Lactobacillus gasseri* on *Salmonella Enterica* serotype Enteritidis. Mouloud Barzavar<sup>1</sup>, Nahid Rahimifard<sup>2</sup>..15<sup>th</sup> International congress of Microbiology.Tehran, Iran, 26-28 August.

60-(2014) Comparison of the antimicrobial activity of *Lactobacillus gasseri* & *Lactobacillus plantarum* against *Salmonella enterica* serotype Enteritidis. Mouloud Barzavar<sup>1</sup>, Nahid Rahimifard<sup>2</sup>..15<sup>th</sup> International congress of Microbiology.Tehran, Iran, 26-28 August.

61-(2014) Evaluation of antimicrobial activity and flavonoid content of two Capparis species from Iran. Nahid rahimi Fard<sup>1</sup>, Asie Shojaii<sup>2</sup>..15<sup>th</sup> International congress of Microbiology.Tehran, Iran, 26-28 August.

62-(2014) Comparison of three methods for evaluation of the antimicrobial activity of *Lactobacillus acidophilus* bacteria against *Escherichia coli* and *Salmonella enterica* serotype enteritidis. Seyedeh sara shokraei<sup>1</sup>, Nahid Rahimifard<sup>2</sup>, Maryam Moslehi shadi<sup>1</sup>..15<sup>th</sup> International congress of Microbiology.Tehran, Iran, 26-28 August.

63-(2014) Evaluation of the antimicrobial effect of *Lactobacillus gasseri* on *Salmonella Enterica* serotype Enteritidis .Mouloud Barzavar<sup>1</sup>, Nahid Rahimifard<sup>2</sup>..15<sup>th</sup> International congress of Microbiology.Tehran, Iran, 26-28 August.

64-(2014) Comparison for the antimicrobial activity methods of *Lactobacillus acidophilus* against *Escherichia coli* and *Salmonella enterica* serotype enteritidis.

Seyedeh sara shokraei<sup>1</sup>, Nahid Rahimifard<sup>2</sup>, Maryam Moslehi shad<sup>1</sup>.9<sup>th</sup> congress of Iranian veterinary students.Urumieh, Iran, 10-12 September.

65- (2014) Evaluation of the antimicrobial effect of *Lactobacillus acidophilus* isolated from probiotic infant formula on *Escherichia coli*. N Rahimifard, SS Shokraei, MM Shad .1<sup>st</sup> National Congress on Food Safety Production, Processing, Consumption 15& 16 October.

### **Students Projects :**

1) Mutagenicity effects of *Eugenia caryophyllata* essential oils (Clove). Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran.No of project: 1765, 2008 (Mehdi Maleki) (Pharm. D.)

2) Ibuprofen 40 mg/ml oral drops formulations. Pharmacy Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran. No of project: 1653, 2007 (Kashane Molahoseini) (Pharm. D.)

3) Intra nasal spray formulation of Metocloperamid. Pharmacy Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran. No of project: 1657, 2007(Elham Kashi) (Pharm. D.)

4) *Pneumocystis carinii* prevalence in the patient .Iran University of Medical Sciences, Tehran, Iran. No of project: 173, 1998(Mohamad Reza Kiani Amin)( Med. Lab. D)

5) Antibacterial effects of *Apium graveolens* essential oil and extract. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran. No of project, 1781, 2008(Fateme Heidari) (Pharm. D.)

6) Mutagenicity effects of *Cinnamomum zeylanicum* essential oils. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran.No of project, 1872, 2008(Maryam Hedayat) (Pharm. D.)

7) Antibacterial effects of *Thymus vulgaris* essential oil and extract. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran.No of project 1813, 2008(Shirin Fakhraii) (Pharm. D.)

8) Antibacterial effects of *Cinnamomum zeylanicum* essential oil and extract. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran.No of project 1809, 2008(Mohsen Amrolahi) (Pharm. D.)

9) Antibacterial effects of *Eugenia caryophyllata* essential oil (Clove). Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran.No of project 1860, 2008(Iman Jabari Zahir Abadi) (Pharm. D.)

10) Antimicrobial effects of *Zataria multiflora* essential oil and extract Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran..No of project 1900, 2008(Mehdi Sabzikaran) (Pharm. D.)

11) Mycoplasma detection in vaccine produced by cell culture via Standard Culture method. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran .No of project1801, 2008(Baharak Mohamadpoor) (Pharm. D.)

- 12) Mycoplasma detection in vaccine produced by cell culture via PCR method-Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran..No of project 1899 ,2008(Somayeh Shahbazi) (Pharm. D.)
- 13) Anti *Helicobacter pylori* effects of *Zingiber officinale* Kashan medical university ,No of project 9/8/1/8227,2008(Leili Beitolahi)(M.S. Microbiology)
- 14) Antifungal effects of *Thymus vulgaris* essential oil. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran. No of project 1817, 2008(Baharak Esmaili Ahmadabadi) (Pharm. D.)
- 15) Antibacterial and cytopathic effects of essential oil and extract of six species of spearmint on Vero, HeLa, and Hep2 cell lines by MTT assay. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran.No of project 2034 , 2010(Hamidreza Pishevar) (Pharm. D.)
- 16) Cytopathic effects of essential oil and extract of Clove on Vero, HeLa, Hep2 cell lines by MTT assay. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran.No of project 1905, 2009(Vahide Motaharinia) (Pharm. D.)
- 17) Cytopathic effects of *Thymus vulgaris* essential oil and extract on Vero, HeLa, and Hep2 cell lines by MTT assay. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran.No of project 1904, 2009(Leila Mehrafshan) (Pharm. D.)
- 18) Cytopathic effects of *Crocus sativus* extract on Vero, HeLa, Hep2 cell lines by MTT assay. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran.No of project 2005 , 2010(Seid Mohsen Esmaili Hezar rood) (Pharm. D.)
- 19) Antibacterial and cytopathic effects of *lovandula angostifolia* essential oil on Vero, HeLa , Hep2 cell lines by MTT assay. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran . No of project 2036 , 2010(Fateme Jalilvand) (Pharm. D.)
- 20) Antibacterial and cytopathic effects of *Swertia longifolia* essential oil on Vero, HeLa, Hep2 cell lines by MTT assay. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran.. No of project 2013 , 2010(Mona Naderian) (Pharm. D.)
- 21) The mutagenic and antimutagenic activity of *lovandula angostifolia* and *Elettaria cardamomum* Essential oils in the bacterial reverse mutation assay. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran.. No of project 2033 , 2010(Kimia Mirdamadi) (Pharm. D.)
- 22) The mutagenic and antimicrobial activity of *Rhynchochoris elephas* methanolic extract. Pharmaceutical Sciences branch, Islamic Azad University, Tehran. Iran. No of project 2019 , 2010(Mona Akbari) (Pharm. D.)
- 23) Potency method design and validation for influenza vaccines. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran.. No of project 2066 , 2010(Mohamad Reza Salimi) (Pharm. D.)

- 24) ELISA kit design and production for anti HBV Antibody determination. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran. No of project 1916 , 2010(Mahnaz Atarsharifi) (Pharm. D.)
- 25) ELISA kit design and production for Tetanus toxoid determination in vaccine. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran. No of project 2027 , 2010(Ali Reza Booriaii) (Pharm. D.)
- 26) Anti *Helicobacter pylori* effect of nitroimidazole methylene benzofuran derivatives. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran. No of project 2284 , 2011(Donyaii)(Pharm. D.)
- 27) Inhibitory effect of nitroimidazole methylene benzofuran derivatives on Cholin esterase enzyme activity. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran.. No of project 2158 , 2011(Yasaman Ghanean) (Pharm. D.)
- 28) Antimicrobial effect of four flavenoids. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran . No of project , 2010(Pharm. D.)
- 29) Cytopathic effects of *Zataria multiflora* essential oil and extract on Vero, HeLa, and Hep2 cell lines by MTT assay. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran.No of project 1974, 2009(Aida Javadi) (Pharm. D.)
- 30) Antifungal effects of *Cinnamomum zeylanicum* essential oil. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran..No of project 1865 , 2009 (Arsalan Bagheri) (Pharm. D.)
- 31)Mutagenicity effects of *Thymus vulgaris* essential oil . Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran..No of project 2031, 2008(Zahra Alizadeh) (Pharm. D.)
- 32) Antimicrobial effects of *Glycyrrhiza Glabra* from different areas of Iran. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran.No of project 1871, 2009 (Afshin Amini) (Pharm. D.)
- 33) Cytopathic effects of *Glycyrrhiza Glabra* from different areas of Iran on Vero, HeLa, and Hep2 cell lines by MTT assay. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran. No of project 2039 , 2010(Marjan Emami) (Pharm. D.)
- 34) Potency method design and validation for meningitis vaccines. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran . No of project 2243 , 2011(Neda Javaherchian) (Pharm. D.)
- 35)Antibacterial and cytopathic effects of *Zingiber officinale* Essential oils on Vero, HeLa, Hep2 cell lines by MTT assay. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran . No of project (Pharm. D.)
- 36)Mutagenicity effects of *Zataria multiflora* essential oil . Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran.No of project 2010, 2010(Komeil Kariminejad) (Pharm. D.)

- 37) Fungal flora isolated from bread. Research and Sciences branch, Islamic Azad University, Tehran, Iran.No of project .2010(Fateme Karami)(M.S. Microbiology)
- 38) Antifungal effects of *Eugenia caryophyllata* essential oil. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran .No of project 1968, 2010(Mahroo Safaii) (Pharm. D.)
- 39) Cytopathic effects of four flavenoids on MDBK, HepG2, and MCF7 cell lines. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran. No of project 2053, 2010(Farbod Seifinejad) (Pharm. D.)
- 40) A study on Etiology and drug resistance pattern of Ventilator Associated Pneumonia (VAP) in Iranian 1000-beds tertiary Care Hospital and evaluation of extract of *Thymus vulgaris*, *Zataria multiflora* and *Cinnamomum burmannii* against isolated organisms. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran. No of project , 2011(Hamed Bahrami) (Pharm. D.)
- 41) Effect of the size and taper of master apical file on the bacterial population in the root canal system, Dentistry facultu of Islamic Azad University, Tehran, Iran. No of project , 2012(Moshari) (Ph.D Endodontist)
- 42) Antibacterial effects of Methanolic extract of essential oil *Eremurus persicus* and its cytotoxicity effect on Hela and Caco-2 cell lines. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran . No of project 2155, 2011(Jeilan Shirali) (Pharm. D.)
- 43)Vancomycin resistant Enterococci determination, isolated from urine, by different laboratory methods. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran . No of project 2244 , 2012(Bahareh Baghahi) (Pharm. D.)
- 44) Vancomycin resistant Enterococci determination, isolated from feces, by different laboratory methods. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran . No of project 2245 , 2012(Mohamadreza Naderi) (Pharm. D.)
- 45)Acetyl cholin esterase level changes in *Mitilaster lineatus* and dominant species Gammarus during exposing to TBT and Diazinon poison. Sea Sciences faculty, Islamic Azad University, Tehran, Iran. No of project , 2013 (Hanieh Rahati) (M.S. Sea Contaminant Biology)
- 46) Antimycotoxin M1 effects of Probiotic of infant formula. Islamic Azad University, Damghan, Iran. No of project , 2013 (Hasan Abdolahi) (M.S. Microbiology Food Industry)
- 47) Study of antibacterial activity of the total chloroform, methanol and aqueous extracts of the aerial parts of *Licium Shawii Roemer* and *Schult* against four bacterial strains. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran . No of project , .2014 (Ghadamgahi) (Pharm. D.)
- 48) Study of antibacterial activity of total extract and different subfractions of *Heliotropium bacciferum* against five bacterial strains. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran . No of project , (Bagheri) (Pharm. D.)

- 49) Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran . No of project , (Hafezan) (Pharm. D.)
- 50) (Shafii) Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran . No of project , (Pharm. D.)
- 51) Antimicrobial effects of total, aqueous, methanol, chloroform and petroleum ether extract of *Ochardeneus* on five bacterial strains. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran . No of project , (Mokhtari Hanieh) (Pharm. D.)
- 52) Antimicrobial effects of total, aqueous, methanol, chloroform and petroleum ether extract of *Halocnemum strobilaceum* on five bacterial strains. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran . No of project , (Mokhtari Behnaz) (Pharm. D.)
- 53) (Mahbubi) Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran . No of project , (Pharm. D.)
- 54) ( Gholami) Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran . No of project , (Pharm. D.)
- 55) Antimicrobial effects of total, aqueous, methanol, chloroform and petroleum ether extract of *anabassis setifera* on five bacterial strains. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran . No of project , (Farshbaf) (Pharm. D.)
- 56) Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran . No of project ,2014 (naini) (Pharm. D.)
- 57) Comparison Evaluation the antimicrobial activity of probiotic *Bifidobacteria bifidum* and *Bifidobacteria infanti* against *Salmonella enterica serotype Enteritidis*. Sciences branch, Islamic Azad University, Tehran, Iran . No of project , .(Gudarzi) (M.S. Microbiology Food Industry)
- 58) Comparison Evaluation the antimicrobial activity of *Lactobacillus gasseri* and *Lactobacillus plantarum* against *Salmonella enterica serotype Enteritidis*. Sciences branch, Islamic Azad University, Tehran, Iran . No of project ,2014 (Barzavar) (M.S. Microbiology Food Industry)
- 59) Study of antibacterial activity of total extract and different subfractions of *Atriplex leucoclada* against five bacterial strains. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran. No of project,2014 (Shilan Abbasi Farid) (Pharm. D.)
- 60) Streptomycete determination in sponge *demospongia* in Qeshm island. Sea Sciences faculty, Islamic Azad University, Tehran, Iran. No of project , (Fateme Sarabi Nobakht) (M.S. Sea Contaminant Biology)
- 61) Streptomycete determination in sponge *demospongia* in Qeshm island. Sea Sciences faculty, Islamic Azad University, Tehran, Iran. No of project , (Hanieh Agha Seidabdollah) (M.S. Sea Contaminant Biology)

- 62) Antimicrobial activity of *Lactobacillus acidophilus* isolated from infant formula against *E.coli* and *Salmonella enterica serotype Enteritidis*. Sciences branch, Islamic Azad University, Tehran, Iran . No of project ,2014 (Sara Shokraii) (M.S. Microbiology Food Industry)
- 63) Study of antibacterial activity of the total extract and different sub-fraction of Hammada Salicornica (Mog.)lljin against four bacterial strains . Pharmaceutical Sciences branch, Islamic Azad University,Tehran, Iran.No of project,2014(Nadia Talebi) (Pharm. D.)
- 64) A pilot study of the effects of the essential oil of *Zhumeria majdae* Rech.f. & Wendelbo on the Microbial air contamination in indoor environment of a bank and the amount of employee stress hormones. Sciences branch, Islamic Azad University, Tehran, Iran . No of project ,.( Zahra Valizadeh) (M.S. Chemistry Essensial oil)
- 65) Study of antifungal activity of total extract and different fractions of Ephedra foliata against fungal strains. Pharmaceutical Sciences branch, Islamic Azad University,Tehran, Iran.No of project,2014(Mandana Abdolvand) (Pharm. D.)
- 66) Anti *H.pylori* activity of *Alpha pinen* .Sciences branch, Islamic Azad University, Tehran, Iran . No of project ,2015 (Sima Karbasian) ((Pharm. D.)
- 67) Evaluation of antimicrobial effect of *L. plantarum* and *l. rhamnosus* on clinical *Pseudomonas aeruginosa* isolates . Sciences branch, Islamic Azad University, Tehran, Iran . No of project ,2014 (Mahsa Zolfaghari) (M.S. Microbiology Food Industry)
- 68) Evaluation of antimicrobial effect of *L. plantarum* and *l. rhamnosus* on acinetobacter isolates clinical resistant *Acinetobacter baumannii*. Sciences branch, Islamic Azad University, Tehran, Iran . No of project ,2014 (Nooshin Mirzaii) (M.S. Microbiology Food Industry)
- 69) Investigation of antifungal activity of total extract and chloroform, ethyl acetate, methanol and aqueous fractions of twigs of *Gailonia aucheri* against four fungal strains *Aspergillus niger*,*Aspergillus fumigates*, *Candida albicans* and *Candida krusei*. Pharmaceutical Sciences branch, Islamic Azad University,Tehran, Iran.No of project,2014(Sedigheh Ghavami) (Pharm. D.)
- 70) Preliminary phytochemical study and determination of antibacterial activity of total extract and different fraction of *Sphaerocoma aucheri* Boiss. Against five bacterial strains . Islamic Azad University,Tehran, Iran.No of project,2014(Shiva Rahimpour) (Pharm. D.)
- 71) Study of antifungal activity of the total extract and different fractions of the fractions of the flowering aerial parts of *salvia aegyptiaca* against five fungal strains *Aspergillus niger*,*Aspergillus fumigates*, *Candida albicans* and *Candida krusei* Pharmaceutical Sciences branch, Islamic Azad University,Tehran, Iran.No of project,2014(Saghar Sherafati) (Pharm. D.)
- 72) Evaluation of antifungal activity of total extract and different fractions of *Astragalus hamosus* fruits. Pharmaceutical Sciences branch, Islamic Azad University,Tehran, Iran.No of project,2014(Mahboubeh Shamsipour) (Pharm. D.)



73) Study of antifungal activity of total extract and different fractions of flowering aerial parts of *Launea procumbens* against five fungal strains *Aspergillus niger*, *Aspergillus fumigatus*, *Candida albicans* and *Candida krusei*. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran. No of project, 2014 (Maryam Khadmi) (Pharm. D.)

74) Preliminary phytochemical study and determination the antibacterial activity of total extract and different fractions of flowering aerial parts of *Diceratella Canescens* against 10 clinical strains of *Acinetobacter* and *Pseudomonas*. Pharmaceutical Sciences branch Islamic Azad University, Tehran, Iran. No of project, 2014 (Shiva Shakouri) (Pharm. D.)

75) Antibacterial activity of *Frosskaolea tenacissima*. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran. No of project, 2014 (Nazanin Kheirandish) (Pharm. D.)

76) Consideration and comparison of the effect of *Lactobacillus rhamnosus* and *Lactobacillus plantarum* on reduce of contamination with aflatoxin B1. Rob E Rashid branch, Islamic Azad University, Tabriz, Iran. No of project, 2014 (Sepideh Jalalian) (M.S. Biotechnology Microbiology).

77) Antibacterial activity of *Dionysia revoluta Boiss.* Against five positive bacterial and negative bacterial. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran. No of project, 2014 (Maryam Ahani) (Pharm. D.)

78) Antibacterial activity of *Dionysia revoluta Boiss.* Against *Acinetobacter baumannii* from burned patient skin. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran. No of project, 2014 (Leila Moslemi) (Pharm. D.)

79) Probiotic Microorganisms specification, phenotypic and genotypic methods development..Azad university. 2014 (Fateme Bagheri) (Ph.D by research)

80) GMO organisms and their products specification methods development..Azad university. 2014 (Maryam Saleh) (Ph.D by research)

81) The antimicrobial effect of *lactobacillus gasseri* and *fermentum* on different kinds of salmonella. Pishva, Varamin, Iran. No of project, 2014 (Arezo Nasiri) (M.S. Microbiology Food Industry)

82) Antifungal activity of methanolic extract and chloroform, ethyl acetate and aqueous fractions of the aerial parts of *Euphorbia esula L* on *Candida albicans*, *Candida krusei*, *Aspergillus niger* & *Aspergillus fumigatus*. Pharmaceutical Sciences branch, Islamic Azad University, Tehran, Iran. No of project, 2014 (Fateme Safarian) (Pharm. D.)

83) Antimycotoxin B1, B2 and G1 effects of Probiotic. Islamic Azad University, Damghan, Iran. No of project, 2014 (M.S. Microbiology Food Industry) (Elahe Shahbakhti)

84) Anti *H.pylori* effects of Probiotic Microorganisms. . Islamic Azad University, Research and Sciences Center. Tehran, Iran.No of project,2015(Davaiifar Soheila) (Ph. D.)

85) Antimycotoxin M1, M2, B1, B2, G1 and G2 effects and lasting of Probiotic in different conditions . Baghyatalah Medical University, Tehran, Iran.No of project,2015(Somayeh Musavi) (Ph. D.)

**Reviewer of Journals:**

- 1) Toxicology (ELSEVIER) since 2010
- 2) Iranian Journal of Microbiology since 2008
- 3) Journal of Medicinal Plants Research since 2011
- 4) Zist Fanavari Microbi since 2008
- 5) Food research and food industry Institute (Tehran University) since 2005
- 6) Journal of essential oil-Bearing plants since 2009
- 7) Journal of Iranian Medical microbiology since 2008
- 8) Journal of Food Microbiology since 2013
- 9) Journal of Pharmaceutical & Healtj Sciences since 2012

**Research projects:**

No.	Since	to	Place	Title	Role
1	2002	2004	Food and Drug Control laboratories (MOH) and Tehran university of medical sciences(TUMS)	Antimicrobial effects of 4 essential oils on bacteria and mycotoxin producing fungi	PI
2	2003	2007	Food and Drug Control laboratories (MOH) and Guilan university of medical sciences(GUMS)	<i>Vibrio parahemolyticus</i> isolation from south sea of Iran	PI
3	2006	2007	Food and Drug Control laboratories (MOH) and Tehran university of medical sciences(TUMS)	Microbiological control of water and mineral water using membrane filtration and compare with MPN method	PI
4	2006	2007	Food and Drug Control laboratories (MOH) and Tehran university of medical sciences(TUMS)	<i>Clostridium perfringenes</i> detection and enumeration in cooked protein foods	PI
5	2006	2007	Food and Drug Control laboratories (MOH) and Tehran university of medical sciences(TUMS)	<i>Cronobacter sakazaki</i> in infant formula	PI
6	2006	2007	Food and Drug Control laboratories (MOH) and Tehran university of medical sciences(TUMS)	<i>Clostridium butolinum</i> diagnosis in food staffs using bacteriology and toxin detection methods	PI
7	2006	2007	Food and Drug Control laboratories (MOH) and Tehran university of medical sciences(TUMS)	Microbiological specification of tea	PI
8	2006	2007	Food and Drug Control laboratories (MOH) and Tehran university of medical sciences(TUMS)	Enterovirus isolation from water and mineral water	PI
9	2006	2007	Food and Drug Control laboratories (MOH) and Tehran university of medical sciences(TUMS)	Campylobacter detection in food staffs	PI
10	2006	2007	Food and Drug Control laboratories (MOH) and Tehran university of medical sciences(TUMS)	<i>Bacillus cereus</i> in infant formula	PI
10	2008	2010	Medicinal plants research center	Chemical composition of essential oil <i>Nepeta pogonosperma</i> and antimicrobial and antioxidant effects of its extract	Co-PI

### **Honors and Awards:**

- 1-(1995-2000) Election as the best female researcher in Iran during 5 years. Award from President Rafsanjani.
- 2-(2001-2002) Election as the best PhD student in Iran. Award from President Khatami.
- 3-(2001-2002) Election as the best PhD student in Tehran University of medical sciences.
- 4-(2002) Award for the foundation of cell culture laboratory in the microbiology department of Tehran university of medical sciences.
- 5-(2004) Award for the Foundation of water and filterable liquids laboratory in the microbiology department of Food and Drug control laboratories of Health ministry.
- 6-(2006)Inovation of modified cytological and histological staining methods for the diagnosis of *Pneumocystis carinii* pneumonia .

### **Ongoing programs:**

- 1- Probiotic bacteria effects on toxins.
- 2- Probiotic bacteria effects on pathogen bacteria.
- 3- Antimicrobial effects of herbal essential oils and extracts.
- 4- Efficacy determination of antimicrobial and preservative agents.
- 5- GMO organisms and their products specification methods development.
- 6- Probiotic Microorganisms specification, phenotypic and genotypic methods development.
- 7- Stress hormones.

### **Hobbies:**

Table tennis, Walking, Swimming, Riding

### **Referees:**

Departments of Microbiology of:

Medical Faculty, Tehran University of medical sciences. TUMS

Food and Drug Control Laboratories.FDO, MOH

Pharmacy Faculty, Tehran University of medical sciences. TUMS

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