

Curriculum Vitae (CV)

Personal Information

First name: Taher

Date of birth: 20th march 1967

Marital Status: Married

Gender: Male

Surname: Mohammadian

Nationality: Iran

Title: Dr



Current Position:

Assistant Professor of Clinical Biochemistry, Islamic Azad University
Head of the Department of Microbiology, Shahr-E- Qods Branch,
Islamic Azad University

Work address:

Department of Microbiology, Faculty of
Basic Sciences, Islamic Azad University-
Shahr-e- Qods Branch
Shahr-e- Qods, Iran
Tel: 00982146842930-31
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Educational Background

2003- 2008

Ph.D in Clinical Biochemistry, School of Medicine, Tehran University of Medical Sciences (TUMS). Tehran, Iran

1993- 1996

MSc in Clinical Biochemistry, School of Pharmacy, Isfahan University of Medical Sciences, Isfahan, Iran.

1989- 1993

BSc in Biology, School of Sciences, Shaheed Beheshti University, Tehran, Iran

Publications

Books:

Translated

T Mohammadian, M Aminian. High-yield Biochemistry. Islamic Azad University publication. 2016.

M Aminian, **T Mohammadian**. USML Road Map Biochemistry. Rahe Kamal, 2011.

M Aminian, **T Mohammadian**. USML Road Map Biochemistry. Rahe Kamal, second edition, 2013.

Articles:

Shady Afsharpooyan, **T. Mohammadian**. Seroepidemiology Study of *Helicobacter pylori* Infection and Its Effect on Cardiovascular Diseases in Karaj, Iran. *Monoclonal Antibodies in Immunodiagnosis and Immunotherapy*, 2019;38(6): 277-281.

T. Mohammadian, L. Ganji. The Diagnostic tests for detection of *Helicobacter pylori* infection. *Monoclonal Antibodies in Immunodiagnosis and Immunotherapy*, 2019;38(1): 1-7.

Sahel Towfigh Rafiei, **Taher Mohammadian**, Hossein Rassi .Common Polymorphisms in MTHFR and Prothrombin gene in Iranian Women with Abortions at Different Ages. *Obstetrics & Gynecology International Journal* 2017; 8 (2): 1-6.

T. Mohammadian, Rassi H. Investigation of hFVIII production in mammary glands of transgenic mice. *Monoclonal Antibodies in Immunodiagnosis and Immunotherapy*, 2014, 33(5): 325-329.

M. Shahani, P. Vaseghi Maghvan, R. Tadayon, A. Rostami, M. Ramandi, **T. Mohammadian**. Drug comparison and categorizing regarded with human serum albumin from years 2006 to 2012. *Journal of Paramedical Sciences*, 2014; 5(1): 81-91.

H. Rassi, Salehi B, **T. Mohammadian**, A. Nahavandi Araghi. [Prevalence of Human Papillomavirus Genotypes Associated with Cervical and Breast Cancers in Iran](#). *Monoclonal Antibodies in Immunodiagnosis and Immunotherapy*, 2013, 32(6): 399-403.

T. Mohammadian. Production of monoclonal antibody against alkylhydroperoxide reductase (HP1563) of *Helicobacter pylori* and its antigenicity. *Journal of Paramedical Sciences*, 2013; 4(2): 38-44.

H. Amini Najafabadi, M. paknejad, S. Farshad, **T. Mohammadian**, SS. Seyyed Ebrahimi, A. Amini Najafabadi. Immunodot blot assay to detect *Helicobacter pylori* using monoclonal antibodies against the 26 kDa protein. *HYBRIDOMA*, 2012; 31(6): 403-410.

T. Mohammadian. (Review article) Basis and efficiency of diagnostic methods of *Helicobacter pylori* infection (in Persian). *Journal of Microbial Biotechnology*, 2010; 29(5): 49-60.

T. Mohammadian, M. Doosti, M. Paknejad, F. Siavoshi, S. Massarrat. Preparative SDS-PAGE electroelution for rapid purification of alkyl hydroperoxide reductase from *Helicobacter pylori*. Iranian J Publ Health, 2010; 39(1): 85-91.

T. Mohammadian, M. Doosti, M. Paknejad, F. Siavoshi, S. Massarrat, M. Sokhtanloo. Production of polyclonal antibody against alkyl hydroperoxide reductase of *Helicobacter pylori* and its antigenicity. HYBRIDOMA, 2008; 27(6): 481-485.

T. Mohammadian, M. Doosti, M. Paknejad, F. Siavoshi, S. Massarrat. A simple and cost-effective method for rapid purification of alkyl hydroperoxide reductase (AhpC) from *Helicobacter pylori* and its antibody production. DARU- Journal of Faculty of Pharmacy, 2008; 16(3): 174-181.

A.A. Moshtaghi, A. Badii, **T. Mohammadian**. The comparative study of binding characteristics of Cobalt and Iron to human serum transferrin. Journal of Research in Medical Sciences, 2004; 6: 1-5.

T. Mohammadian. Elements and organisms, Shafa Magazine (In Persian).1999; 37: 41-43.

T. Mohammadian. Elements and organisms, Shafa Magazine (In Persian). 1999; 38: 50-52.

Abstracts:

Taher Mohammadian, Ehsaneh kankash, Shahram Namjoyan. Study of cytotoxic Effects of Echinophora platyloba plant on Ovarian Cancer cells. 12th International Congress of Laboratory and Clinic.12-14 December 2019, Tehran, Iran.

Taher Mohammadian, Fatemeh Haydari, Majid Rajabi. Evaluation of Relationship between metabolic syndrome and serum interleukin-6 concentration. 12th International Congress of Laboratory and Clinic.12-14 December 2019, Tehran, Iran.

Taher Mohammadian, Ali Mirza Aqa Bozorg, Majid Rajabi. Relationship between the levels of the orexin with bone minerals density (BMD) in women. 12th International Congress of Laboratory and Clinic.12-14 December 2019, Tehran, Iran.

Parisa Dolatpour, **Taher Mohammadian**, Fatemeh Forohi. Seroepidemiological Study of *Helicobacter pylori* infection in Fardis of Alborz Province. 11th International Congress of Laboratory and Clinic.16-18 January 2019, Tehran, Iran.

Taher Mohammadian, Haneyeh Mohammadi, Mohammad Hassan Shhosseini. The evaluation of *Helicobacter pylori* infection on pro-inflammatory cytokines involved in cardiovascular diseases. The 15th Iranian national Congress of Biochemistry and 6th International Congress of Biochemistry and Molecular Biology 2018 (ICBMB 2018), 25-28 August 2018. Isfahan, Iran.

Haneyeh Mohammadi, **Taher Mohammadian**, Mohammad Hassan Shahhosseini. Seroepidemiological Study of *Helicobacter pylori* infection in Ekbatan Eastern Regio. 10th International Congress of Laboratory and Clinic. 31 Jan- 2 Feb 2018, Tehran, Iran.

Parya Kolani, Mohammad Hassan Shahhosseini, **Taher Mohammadian**. Evaluation of salmonella spp in Synovial Fluids of Arthritis patients by Molecular Method. 1st International Congress on Biomedicine, 18-21 December, 2018, Tehran, Iran.

Tanaz Eskandari, Mohammad Hassan Shahhosseini, **Taher Mohammadian**. Molecular detection Of Mupirocin resistance in Staphylococcus aureus. 1st International Congress on Biomedicine, 18-21 December, 2018, Tehran, Iran.

Elahe Rahmdeli, Mohammad Hassan Shahhosseini, **Taher Mohammadian**. Detection Of Mycoplasma argini contamination in Biological Products By PCR. 1st International Congress on Biomedicine, 18-21 December, 2018, Tehran, Iran.

Mohammad Jafari,, Mohammad Hassan Shahhosseini, **Taher Mohammadian**. Evaluation Of Acholeplasma Laidlawii in Biological products By PCR method. 1st International Congress on Biomedicine, 18-21 December, 2018, Tehran, Iran.

Mohammadian T, Farzaneh Islam-Kish, Hossein Rassi. Relation of Helicobacter pylori infection with elevated serum lipid. Iranian Congress of Gastroenterology and Hepatology-ICGH 2017, 21-24 November 2017, Tehran, Iran.

Mohammadian T, Marzieh Esmaeili, Hossein Rassi. Serologic and stool antigen assays for studying of relationship between of *Helicobacter pylori* infection and hyperemesis gravidarum on city Gachsaran. Iranian Congress of Gastroenterology and Hepatology-ICGH 2017, 21-24 November 2017, Tehran, Iran

Mohammadian T. An improved method for purifying alkylhydroperoxide reductase (HP 1563) from Helicobacter pylori and its antibody production.. Iranian Congress of Gastroenterology and Hepatology-ICGH 2016, 8-11 November 2016, Tehran, Iran

Mohammadian T, Afsharpouian S, Shapori R. The assessment of *Helicobacter pylori* infection on pre-inflammatory cytokines involved in cardiovascular diseases. Iranian Congress of Gastroenterology and Hepatology-ICGH 2015, 8-11 November 2016, Tehran, Iran

Ajdamefkr S, Rassi H, Mohammadian T. Corelation between Helicobacter pylori and MBL Rs1800450 polymorphism in colorectal cancer. The 17th International and Iranian congress of microbiology 23-25 August 2016. Tehran, Iran.

Eslami B, Rassi H, **Mohammadian T**. Molecular investigation of MBL RS1800450 polymorphism and Helicobacter pylori in type II diabetes. The 17th International and Iranian congress of microbiology 23-25 August 2016. Tehran, Iran.

Aghahosseini P, Rassi H, **Mohammadian T**. Molecular investigation of common TNF A-308G/A polymorphis mand Helicobacter pylori in type II diabetes. The 17th International and Iranian congress of microbiology 23-25 August 2016. Tehran, Iran.

Kehani S, Rassi H, **Mohammadian T.** Molecular detection of G1691A mutation and its relation with TNF A-308G/A polymorphism in abortion human. The 17th International and Iranian congress of microbiology 23-25 August 2016. Tehran, Iran.

Mohammadian T, Moshtaghi AA. Comparative binding studies of Cobalt and Iron to human serum transferrin. 4th Iranian Congress of Trace Elements 20-21 May 2015. Hamadan-Iran.

Islam-Kish F., **Mohammadian T.,** Rassi H., Seroepidemiological study of *Helicobacter pylori* in Kerman. Third Seminar on Enteric Pathogens. 18-19 February 2014. Karaj, Iran.

Islam-Kish F., **Mohammadian T.,** Rassi H., Relation of *Helicobacter pylori* infection and elevated serum lipid. Third Seminar on Enteric Pathogens. 18-19 February 2014. Karaj, Iran.

T. Mohammadian, Rassi H., Nahavandi A. Investigation of hFVIII expression in transgenic mice. 6th International Iranian Congress Laboratory & Clinic, Razi international center 12-14- February 2014, Tehran, Iran

Islam-Kish F., **Mohammadian T.,** Rassi H., Seroepidemiological study of *Helicobacter pylori* in Kerman. 6th International Iranian Congress Laboratory & Clinic, Razi international center 12-14- February 2014, Tehran, Iran.

AminiNajafabadi H, **Mohammadian T,** M. Paknejad, Farshad Sh, Ghahramani H, Amini B, AminiNajafabadi A. Comparing yields of extraction for cell surface proteins and 26 KDA protein from *Helicobacter pylori* using various methods. XXVI International Workshop on *Helicobacter* and Related Bacteria in Chronic Digestive Inflammation and Gastric Cancer. 12-14 September 2013, Madrid, Spain.

T. Mohammadian, H. Amini, M. Paknejad. Monoclonal antibody against alkylhydroperoxide reductase (HP 1563) of *Helicobacter pylori* and its antigenicity. XXVI International Workshop on *Helicobacter* and Related Bacteria in Chronic Digestive Inflammation and Gastric Cancer. 12-14 September 2013, Madrid, Spain.

Mohammadian T, Rassi H. Expression of recombinant factor 8 in transgenic mice mammary glands. 8th Congress of Islamic Republic of Iran Biotechnology, 6- 8 July 2013, Tehran, Iran

M. Paknejad, AminiNajafabadi H, **Mohammadian T,** Farshad Sh, Ghahramani H, Amini B, AminiNajafabadi A. Yields of extraction for *Helicobacter pylori* 26 kDa protein using various protein detection methods in SDS-PAGE gel and different elutions methods from the gel. The 13th Iranian Congress of Biochemistry & the 5th International Congress of Biochemistry and Molecular Biology, 16-19 April 2013, Yazd, Iran.

AminiNajafabadi H, Paknejad M, **Mohammadian T,** Farshad Sh, seyed EbrahimiSh, AminiNajafabadi A. Extraction of *H. pylori* alkylhydroperoxide Reductase from Stool. 11th International Congress of Immunology and Allergy, 26-29 April 2012, Tehran, Iran.

T. Mohammadian, H. Amini, M. Paknejad. Electroelution of the stained alkyl hydroperoxide reductase of *Helicobacter pylori* from preparative sodium dodecyl sulfate polyacrylamide gels.

The 12th Iranian Congress of Biochemistry & the 4rd International Congress of Biochemistry and Molecular Biology, 6-9 September 2011, Mashhad, Iran.

H. Amini Najafabadi, M. Paknejad, **T. Mohammadian**, S. Farshad, SE. ShadiSadat. An agarose-based electroelution system for outer membrane protein 26 kDa antigen of *Helicobacter pylori* recovery from stained sodium dodecyl sulfate (SDS) polyacrylamide gel. The 12th Iranian Congress of Biochemistry & the 4rd International Congress of Biochemistry and Molecular Biology, 6-9 September 2011, Mashhad, Iran.

T. Mohammadian, H. Amini, M. Paknejad. Production of monoclonal antibody against alkyl hydroperoxide reductase (AhpC) of *Helicobacter pylori*. . XXIV International Workshop on Helicobacter and Related Bacteria in Chronic Digestive Inflammation and Gastric Cancer. 11-13 September 2011, Dublin, Ireland.

T. Mohammadian. Electroelution of the stained alkyl hydroperoxide reductase of *Helicobacter pylori* from preparative sodium dodecyl sulfate polyacrylamide gels. XXIV International Workshop on Helicobacter and Related Bacteria in Chronic Digestive Inflammation and Gastric Cancer. 11-13 September 2011, Dublin, Ireland.

T. Mohammadian, S Sohaily, M Paknejadi. An improved method for purifying alkyl hydroperoxide reductase from *H. pylori*. XXIII International Workshop on Helicobacter and Related Bacteria in Chronic Digestive Inflammation and Gastric Cancer. 16-18 September 2010, Rottedam, The Netherland.

T. Mohammadian, M. Doosti, M. Paknejad, M. Soukhtanloo. A new approach for rapid isolation and purification of alkyl hydroperoxide reductase (AhpC) from *H. pylori*. . The 10th Iranian Congress of Biochemistry & the 3rd International Congress of Biochemistry and Molecular Biology, 16-19 November 2009, Tehran, Iran.

M. Soukhtanloo, M. Ansari, M. Paknejad, M.R. Parizadeh, M.J. Rasaee, **T. Mohammadian**, H. Karami, S. Seyyed Ebrahimi. Preparation of new melatonin-horse radish peroxidase conjugate. The 10th Iranian Congress of Biochemistry & the 3rd International Congress of Biochemistry and Molecular Biology, 16-19 November 2009, Tehran, Iran.

M. Soukhtanloo, M. Ansari, M. Paknejad, M.R. Parizadeh, M.J. Rasaee, **T. Mohammadian**, H. Karami. Production and characterization of antimelatonin monoclonal antibodies. The 10th Iranian Congress of Biochemistry & the 3rd International Congress of Biochemistry and Molecular Biology, 16-19 November 2009, Tehran, Iran.

T. Mohammadian, M. Doosti. Molecular diagnosis: Detection of *Helicobacter pylori* diagnostic antigen in the stool of infected individuals. European Meeting on Molecular Diagnostics, 22nd & 23rd October 2009, Scheveningen, the Hague, The Netherlands.

T. Mohammadian, M. Doosti, M. Paknejad, F. Siavoshi, S. Massarrat. A. Manafi, F. Manafi. Production of polyclonal antibody against alkyl hydroperoxide reductase (AhpC) of *H. pylori*. XXIInd International workshop on Helicobacter and related bacteria in chronic digestive inflammation and gastric cancer. 17-19 September 2009. Porto, Portugal.

T. Mohammadian, M. Doosti, M. Paknejad, F. Siavoshi, S. Massarrat, A. Manafi, F. Manafi. A new approach for rapid isolation and purification of alkyl hydroperoxide reductase (AhpC) from *H. pylori*. XXIInd International workshop on Helicobacter and related bacteria in chronic digestive inflammation and gastric cancer. 17-19 September 2009. Porto, Portugal.

T. Mohammadian, M. Doosti, M. Paknejad, F. Siavoshi, S. Massarrat. A simple and cost-effective method for rapid purification of alkyl hydroperoxide reductase (AhpC) from *Helicobacter pylori*. 9th Iranian Congress of Microbiology, 5-7 Mach 2008, Kerman, Iran.

M. Doosti, **T. Mohammadian**, M. Paknejad, F. Siavoshi, S. Massarrat. A simple and rapid method of preparation of rabbit antiserum against alkyl hydroperoxide reductase of *Helicobacter pylori*. 16th United European Gastroenterology Week "UEGW 2008". 18-22 October 2008, Vienne, Austria.

T. Mohammadian, M. Doosti, F. Siavoshi, S. Massarrat. A simple method for rapid purification of alkyl hydroperoxide reductase (AhpC) from *Helicobacter pylori*. Iranian Congress of Gastroenterology and Hepatology, 25-28 November 2008, Isfahan, Iran.

T. Mohammadian, M. Doosti, F. Siavoshi, S. Massarrat. A cost-effective method for rapid preparation of polyclonal antibody against alkyl hydroperoxide reductase (AhpC) of *Helicobacter pylori*. Iranian Congress of Gastroenterology and Hepatology, 25-28 November 2008, Isfahan, Iran.

T. Mohammadian, M. Doosti, M. Paknejad, F. Siavoshi, S. Massarrat, M.R. Hagh-Zare. A simple and rapid method of preparation of rabbit antiserum against alkyl hydroperoxide reductase (AhpC) of *Helicobacter pylori*. 13 th International Congress on Infectious Diseases. 19-22 June 2008, Kuala Lumpur, Malaysia.

T. Mohammadian, M. Doosti, M. Paknejad, F. Siavoshi, S. Massarrat, M.R. Hagh-Zare. A simple and cost-effective method for rapid purification of alkyl hydroperoxide reductase (AhpC) from *Helicobacter pylori*. 13 th International Congress on Infectious Diseases. 19-22 June 2008, Kuala Lumpur, Malaysia.

T. Mohammadian, M. Doosti, M. Paknejad, F. Siavoshi, S. Massarrat, M. Detection of *Helicobacter pylori* diagnostic antigen in the stool of infected individuals . XXI International workshop on Helicobacter and related bacteria in chronic digestive inflammation. 18-20 September 2008. Riga, Latvia.

T. Mohammadian, M. Doosti, M. Paknejad, F. Siavoshi, S. Massarrat. A simple and cost-effective method for rapid purification of alkyl hydroperoxide reductase (AhpC) from *Helicobacter pylori*. XXI International workshop on Helicobacter and related bacteria in chronic digestive inflammation. 18-20 September 2008. Riga, Latvia.

T. Mohammadian, M. Doosti, M. Paknejad, F. Siavoshi, S. Massarrat, M. A simple and rapid method of preparation rabbit antiserum against alkyl hydroperoxide reductase (AhpC) of *Helicobacter pylori*. XXI International workshop on Helicobacter and related bacteria in chronic digestive inflammation. 18-20 September 2008. Riga, Latvia.

M. Paknejad, M. Soukhtanloo, **T. Mohammadian**, M. Doosti, H. Karami. Production of monoclonal antibody against whole cell extract of *Helicobacter pylori*. 33 rd FEBS congress & 11 th IUBMB conference. June 28 – July 3, 2008. Athens, Greece.

T. Mohammadian, M. Doosti, M. Paknejad, F. Siavoshi, S. Massarrat. Antibody directed against the 26 kDa protein antigen of *Helicobacter pylori* purified by electroelution. Iranian Congress of Gastroenterology and Hepatology, 27-30 November 2007, Tehran, Iran.

T. Mohammadian, M. Hagh-Zare, H. Aria, M. Doosti, M. Paknejad, F. Siavoshi, S. Massarrat. Comparison of serologic ELISA and histopathologic findings in diagnosis of *Helicobacter pylori* infection. Iranian Congress of Gastroenterology and Hepatology, 27-30 November 2007, Tehran, Iran.

T. Mohammadian, M. Doosti, M. Paknejad, F. Siavoshi, S. Massarrat. Production of antibody using protein in gel band: Raising antibody against the 26 kilodalton protein antigen of *Helicobacter pylori*. The 9th Iranian Congress of Biochemistry & the 2nd International Congress of Biochemistry and Molecular Biology, Oct.29-Nov.1 2007. Shiraz, Iran.

T. Mohammadian, M. Doosti, M. Paknejad, F. Siavoshi, S. Massarrat. Electroelution as a simple and fast protein purification method: Purification of the 26 kilodalton protein from *Helicobacter pylori*. The 9th Iranian Congress of Biochemistry & the 2nd International Congress of Biochemistry and Molecular Biology, Oct.29-Nov.1 2007. Shiraz, Iran.

M. Sokhtanloo, **T. Mohammadian**, M. Paknejad, M. Ansari, M. Doosti, S. Massarrat, F. Siavoshi, M. Naeemi. Production and characterization of monoclonal antibody against 26 kilodalton protein antigen of *Helicobacter pylori*. The 9th Iranian Congress of Biochemistry & the 2nd International Congress of Biochemistry and Molecular Biology, Oct.29-Nov.1 2007. Shiraz, Iran.

T. Mohammadian, M. Doosti, M. Paknejad, F. Siavoshi, S. Massarrat.. Production and characterization of high specific polyclonal antibody against the 26 kDa protein of *Helicobacter pylori*. European Meeting on Molecular Diagnostics, 18th & 19th October 2007, Scheveningen, the Hague, The Netherlands.

T. Mohammadian, M. Doosti, M. Paknejad, F. Siavoshi, S. Massarrat. An efficient and reliable method for the extraction of whole cell proteins from *Helicobacter pylori*. 11 th Asian-Pacific Congress of Clinical Biochemistry, 14-19 October 2007, Beijing, China.

T. Mohammadian, M. Doosti, M. Paknejad, F. Siavoshi, S. Massarrat. Preparation and characterization of antibody against the 26 kilodalton protein antigen of *Helicobacter pylori*. 11 th Asian-Pacific Congress of Clinical Biochemistry, 14-19 October 2007, Beijing, China.

T. Mohammadian, M. Doosti, M. Paknejad, F. Siavoshi, S. Massarrat, M. Sokhtanloo. Whole cell protein extraction from *Helicobacter pylori*. XXth International workshop on Helicobacter and related bacteria in chronic digestive inflammation. 20-22 September 2007. Istanbul, Turkey.

T. Mohammadian, M. Doosti, M. Paknejad, F. Siavoshi, S. Massarrat, M. Sokhtanloo. Extraction, Isolation and purification of the 26-kDa protein antigen from *Helicobacter pylori* and its application

to raising antibody. XXth International workshop on Helicobacter and related bacteria in chronic digestive inflammation. 20-22 September 2007. Istanbul, Turkey.

T. Mohammadian, M. Hagh-Zare, H. Aria, M. Doosti, M. Paknejad, F. Siavoshi, S. Massarrat, M. Sokhtanloo. Comparison of serologic ELISA and histopathologic findings in diagnosis of *Helicobacter pylori* infection in Iran. XXth International workshop on Helicobacter and related bacteria in chronic digestive inflammation. 20-22 September 2007. Istanbul, Turkey.

M. Sokhtanloo, **T. Mohammadian**, M. Paknejad, M. Ansari, M. Doosti, F. Siavoshi, S. Massarrat, M. Naeemi. Preparation and characterization of monoclonal antibody against the 26-kDa protein antigen of *Helicobacter pylori*. XXth International workshop on Helicobacter and related bacteria in chronic digestive inflammation. 20-22 September 2007. Istanbul, Turkey.

T. Mohammadian. M. Doosti, M. Paknejad, F. Siavoshi, S. Massarrat, M. Sokhtanloo, F. Safari. Preparation of polyclonal antibody against the species-specific protein antigen of *Helicobacter pylori* and characterization of antibody specificity. 7th Helicobacter pylori Seminar, HPS, 21 June 2007, Tehran, Iran.

T. Mohammadian. Octylglucoside extraction of *Helicobacter pylori*. 6th Western Pacific Helicobacter Congress, 12-14 November 2006. Bangkok, Thailand.

M. Sokhtanloo, M. Ansari, **T. Mohammadian**, M. Naimi, S. Vardasbi, N. Dashti. Effect of DETA NOnoate on wound healing in infected diabetic rats. 8th Iranian Congress of Biochemistry and first International Congress of Biochemistry and Molecular Biology, 11-15 September 2005.

M. Sokhtanloo, M. Ansari, S. Vardasebi, N. Dashti, **T. Mohammadian**. Effect of nitric oxide donors on experimental wound healing in infected diabetic rats. 7th Iranian Congress of Biochemistry, 26-29 February 2003.

A.A. Moshtaghie, A. Badiei, **T. Mohammadian**. Comparative binding studies of Co and Fe to human serum Apo-Tf. 5th Iranian Congress of Biochemistry, 6-9 September 1999.

Research Experience:

Following is a list of number of biological techniques that I have been using regularly:

Protein extraction	Analytical SDS-PAGE
Protein purification	Preparative SDS-PAGE
Gel filtration Chromatography	Dot blotting and Western blotting
Electroelution	Spectrophotometric technique
ELISA development	Many clinical Lab procedures

Professional Training:

October 2011 A ten-day workshop on “Complete Medical Emergency Aid”
June 2011 A course on “Medical Emergency Aid”
February 2010 A one-day workshop on “End Note”
February 2010 A one-day workshop on “How to review a paper”
January 2010 A one-day workshop on “Reference Manager”
January 2010 A two-day workshop on “SPSS (1), (2) “

July 2009 A one-day workshop on "Preliminary scientific writing"
 August 2009 A one-day workshop on "Advanced level of electronic resource searching"
 August 2009 A one-day workshop on "Intermediate level of electronic resource searching"
 August 2009 A one-day workshop on "Preliminary level of electronic resource searching"
 December 2007 A one-day workshop on "How to collect information from a scientific text"
 December 2007 A three-day workshop on "How to translate scientific texts"
 August 2007 A one-day workshop on "Systematic searching"
 September 2006 A one-day workshop on "Preliminary scientific writing"
 October 2006 A one-day workshop on "Advanced scientific writing"
 September 2006 A one-day workshop on "Reference management (EndNote)"
 July 2004 A three-day workshop on "Preparation and production of monoclonal antibody and its application in diagnosis and therapy".
 September 2004 A one month workshop of the theoretical and practical laboratory training entitled "Immunoassay Methods"
 December 2005 A two-day course on "How to write a paper in English"
 May 2006 A two-day courses on "How to write a paper in Persian"
 November 2006 A two-day workshop on "How to write a paper in English"
 January 2006 A one-day course on "How to write CVs, letters and recommendation letter"
 November 2006 A three-day workshop on "An introduction in Ms. Excel software"
 December 2006 A two-day course on "Application of information technology in education"
 June 2005 A course on "The philosophy of education"
 March 2006 A course on "The modules of education"
 February 2005 A three-day course on "The modules of programming and writing of lesson Plan"
 September 2005 A two-day course on "Motivation and effective teaching"
 August 2005 A one-day course on "An introduction in rules of education and research"
 June 2005 A course on "Educational psychology"
 December 2005 A course on "Developmental psychology"
 March 2004 A course on "Evaluation of student learning"

Awards and Honors:

2014 highest rank among the researchers.
 2003 Highest grade in Ph.D entrance exam.
 1996 Highest rank among the MSc graduates.

Oral Presentations:

"A new approach for rapid isolation and purification of alkyl hydroperoxide reductase (AhpC) from *H. pylori*". The 10th Iranian Congress of Biochemistry & the 3rd International Congress of Biochemistry and Molecular Biology, 16-19 November 2009, Tehran, Iran.

"Preparation of polyclonal antibody against the species-specific protein antigen of *Helicobacter pylori* and characterization of antibody specificity" at 7th *Helicobacter pylori* Seminar, HPS, 21 June 2007, Tehran, Iran.

“Gene regulation” at Seminar of molecular biology and its application in medical sciences, Tehran University of Medical Science, June 2004, Tehran, Iran.

“Comparative binding studies of Co and Fe to human serum Apo-Tf” at 5th Iranian Congress of Biochemistry, 6-9 September 1999, Urmia Medical Sciences University, Urmia , Iran.

Collaboration in Projects:

Dissertation Project in Ph.D entitled: “Extraction, Isolation and purification of species-specific protein antigen from *Helicobacter pylori* and its antibody production” In Department of Biochemistry, School of Medicine, and Tehran University of Medical Sciences.

Project entitled “Production and characterization of monoclonal antibody against species-specific protein antigen from *Helicobacter pylori*” In Department of Biochemistry, School of Medicine, Tehran University of Medical Sciences.

Dissertation Project in Msc entitled: “ Study of correlation of metabolic pathways iron and cobalt and their interference: In vitro experiment ” In Department of Biochemistry, School of Pharmacy, Isfahan University of Medical Sciences.

Employment / Professional Experience:

1996-1998 Lab assistant in medical Lab. of Emnam Khomeini hospital, Tehran, Iran

1999-2000 Lab assistant in Central Path biology Lab. Tehran, Iran

2000-2005 Supervisor in Chehr Pathobiology Lab. Tehran, Iran

2007-Present Docent in Biochemistry, Faculty of Veterinary Medicine and Faculty of Nursing and Midwifery, Islamic Azad University- Karaj Branch

2002- Present Faculty of member, Islamic Azad University-Shahr-e-Qods Branch

Membership of Professional Associations:

1997-present Member of The Iranian Biochemistry Association

2004-present Member of *Helicobacter pylori* Research Group, Digestive Disease Research Center, Tehran University of Medical Sciences (TUMS)

Research Interests:

Helicobacter pylori biochemistry: Protein and enzyme purification and development of noninvasive tests for detecting of *H. pylori* infection.

Application of biochemical techniques in basic sciences

Languages:

Persian Native language

English Moderate in speaking, fluent in writing, reading and moderate in listening

References:

Dr. Mahdi Aminian

Assistant Professor of Clinical Biochemistry
Tehran University of Medical Sciences
and Health Services, Tehran, Iran

Dr. Mahmood Doosti

Professor of Biochemistry
Tehran University of Medical Sciences
and Health Services, Tehran, Iran

Dr. Farideh Siavoshi

Associated Professor of Microbiology
University of Tehran, Tehran, Iran

Dr. Sadegh Massarrat

Professor of Gastroenterology and Hepatology
Tehran University of Medical Sciences and Health
Services, Tehran, Iran
and Professor Emeritus Philips-University,
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