

In the name of God
CV

Name: Ashraf
Surname: Mohabbati Mobarez
Nationality: Iranian

Academic Training

- 1) BSC: Medical Laboratory Science, University of Shahid Beheshti, Tehran, Iran, 1984.
- 2)
- 3) MSC: Medical Bacteriology, University of Tarbiat Modares, Tehran, Iran, 1990.
- 4)
- 5) Ph.D: Medical Microbiology, University of Tarbiat Modares, Tehran, Iran, 2002.

Training and Experience

1985-1986: Research assistant, Institute Pasteur of Iran,
Infectin associated with Salmonella and Shigella.

1986- 1988: Research Assistant, Imam hospital, Tehran
Diarrheal associated with Yersinia enterocolitica.

1989-1990: Research assistant, university of Tarbiat Modares
Department of Microbiology.

1991-1993: Student, Langside College, Glasgow
SCOTVEC course in English and Computing.

1993-1994: Student, Central College of Commerce
HNC courses in Marketing and Commerce

1994-1995: Ph.D Student , Glasgow university
Bacteriology, Bacteroides associated with BV.

1995-1996: Faculty member of Tarbiat Modares university
Department of Microbiology

1996-2002: Ph.D student, Tarbiat Modares university
Isolation and Immunological evaluation of Bordetella
pertussis OMPs.

Position held

2003-2005

Head of Bacteriology Department in Tarbiat Modares university

Teaching activities

1996-2005.

Bacterial genetic , Advanced bacteriology, Practical bacteriology and Bacterial vaccine course for bacteriology MSC students.

2002-2005

Advanced bacteriology, Anaerobic bacteriology, bacterial vaccines course for bacteriology Ph.d students.

2002-2005

Advanced bacteriology course for mycology and parasitology Phd students.

2002-2005

Whooping cough vaccine courses for Immunology Ph.D students.

2005 up to now

Anaerobic bacteriology courses , Bacterial vaccine, Systematic Bacteriology for Bacteriology PhD student and Bacterial Genetic and Advanced Bacteriology Courses for MSC student

Supervision of post graduate students

1. S. Kamali. Anti mutagenic effect of *Lactobacilli* isolated from Iranian yoghurt on 2-nitroflouren, 2004
2. N. Manteghi: The effect of *Lactobacilli* bacteriocin on *P. aeruginosa* & *S. aureus*, 2005
3. D. Esmaili: *Legionella pneumophila* in hospital water systems, 2005
4. S. Mirkalantar: *Legionella* detection in Bal by PCR, 2006
5. A. aleyasin: Detection of Van A in resistant *Enterococcus* isolate, 2006
6. S.Yaslani: Detection of vanA, B, C in resistant *Enterococcus* isolates, 2006
7. F. Haghi Tomatari: Inhibitory effect of *L. acidophilus* on antibiotic resistant strain of *H. pylori*, 2007
8. N.Khoramabadi: Designing and evaluation of a PCR-Elisa test for detection of *Brucella melitensis*, 2007
9. R. Shapouri: Immunological evaluation of detoxified LPS and OPS from *Brucella abortus* conjugated with tetanus toxoid. 2008
10. O. Teimornejad: Detection of van A,B,C,D,E in VRE *Enterococcus* isolated from clinical and fecal micro flora

samples by PCR, 2009

11. M. Karbalaie: Detection of *cagA*+ *H. pylori* in dental plaque and gastric biopsy samples by PCR method, 2009

12. A. Talebi: *H. pylori* claritromycin resistance in biopsy by PCR, 2010

13. D. Esmaili: Evaluation of immune responses of LPS and *rcagA* of *H. pylori* in balb/c Mice, 2010

Research project

2002-2003

Antimutagenesis of *Lactobacilli* isolated from Iranian yoghurt

2003-2005

Antibiotic resistant of enterobacteriaceae isolated from clinical samples collaboration with Molecular Biology Research Center

2005-2007

Detection of *Legionella* in environmental and clinical samples by culture and PCR, collaboration with Molecular Biology Research Center

2006-2007

Nano emulsion effect on vegetative and spore cells of *Bacillus cereus* in vitro
2006-2007

Nano emulsion effect on vegetative and spore cells of *Bacillus cereus* in vivo
2006-2007.

Publication:

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Congress:

Mohabati Mobarez A & McGreorty J. Protease production by *Bacteroides* species associated with bacterial vaginosis. The joint meeting of SGM & ASM. Aberdeen, UK, 1995.

Mohabati Mobarez A. protease production by *Bacteroides* associated with preterm birth. 2th National congress of Microbiology. Yazd, Iran, 1996.

Hosseini dust & **Mohabati Mobarez A.** *Legionella* detection by PCR method. 2th National Congress of Microbiology, Yazd, Iran, 1996.

Mohabati Mobarez A. Diarrheal disease associated with *Yersinia enterocolitica*. 6th International Congress of Infectious disease. Shiraz, Iran, 1997.

Satari M, Adjamian U, and **Mohabati Mobarez A.** Antibacterial effect of *Lactobacilli* on *Salmonella* and *Shigella*. 4th International Congress of Immunology and Allergy. Isfahan, Iran, 1998.

Hosseini Dust, **Mohabati Mobarez A** and Imani A. Anti bacterial effect of garlic extract on in vitro growth of *Legionella pneumophila*. 7th Iranian seminar of pharmaceutical sciences. Mashhad, 20 August, 2000.

Hosseini Dust and **Mohabati Mobarez A.** The role of bacterial protease in PROM. International Congress of

Gyencology. Tehran, Iran, 8th November 2000.

Mohabati Mobarez A. Identification of virulence associated OMP in *B. pertusis*. 5th Congress of Microbiology, 21-23th Jan, 2003.

Mohabati Mobarez A, et al. Prolifeative response in preimmunized mice lymphocyte by *B. pertusis* OMC. *Clinical Microbiology and Infection*, 9(1), 107-108, 2003.

Mohabati Mobarez A, Zavarani A, et al. Proliferative response in preimmunized mice lymphocyte by *Bordetella pertusis* cell wall component. 4th Congress of Microbiology. Tehran, Iran, 6-8th Nov, 2001.

Mohabati Mobarez A, et al. Identification of virulence associated OMPs in *Bordetella pertusis*. 6th Congress of Biochemistry. Tehran, Iran, 3-4th Nov 2001.

Hosseini Doust and **Mohabati Mobarez A.** Water sample contamination with free living amoebae. 5th Iranian Congress of Parasitology. Mashhad, Iran, 13-16th Oct, 2003.

Hosseini Doust and **Mohabati Mobarez A.** Legionair disease in Tehran hospitals. 5th Iranian congress of Microbiology, Ahwaz, Iran 21-23th Jan, 2003.

Hosseini Doust and **Mohabati Mobarez A.** Legionella in Tehran hospitals water supplies. *Clinical Microbiology and Infection*, 9 (1): 107, 2003.

Mohabati Mobarez A et al. Stimulation of macrophage oxygen free radical production and lymphocyte blastogenic response by immunization with OMPs of *B. pertusis*. 12th FOCIS, Montreal, Canada 18-23th July, 2004.

Manteghi N, **Mohabati Mobarez A** and Satari M. Isolation of bacteriocin like substances produced by *Lactobacillus acidophilus* and determination of inhibitory effect of these substances on *Pseudomonas aeruginosa*. 1th Iranian milk seminar, Shiraz, Iran, 27th Jan, 2005.

Kamali S and **Mohabati Mobarez A.** Antimutagenicity effect of *Lactobacilli* isolated from yoghurt. 1th Iranian milk seminar, Shiraz, Iran, 27th Jan, 2005.

Kamali S, **Mohabati Mobarez A** and Zahir mohamad H and Hosseini doust R. Antimutagenicity of *Lactobacilli* isolated from Iranian traditional yoghurt. 6th International congress of microbiology, Tehran. Iran, 16-18th Feb, 2004.

Manteghi N, **Mohabati Mobarez A,** Satari M. Inhibitory effect of extracellular products of *L. acidophilus* isolated from Iranian yoghurt on *P. aeruginosa* & *S. aureus*. 7th Iranian Congress of Microbiology, Semnan, Iran, 1-3th Feb, 2005.

Esmaili D, **Mohabati Mobarez A** and Hosseini Doust. Bacterial contamination of Tehran swimming pools. 7th Iranian Congress of Microbiology, Semnan, Iran, 1-3th Feb, 2005.

Mortazavi, Zahir Mohamad, Sheikhan A, **Mohabati Mobarez A.** An antigen shed from *Helicobacter pylori* could suppress T cell proliferation. 6th IGCC, Tokyo, Japan, 15th Nov, 2005.

Mirkalantar S, **Mohabati Mobarez A,** Hosseini Doust R and Aslani J. Detection of legionella in BAL fluid specimen. 14th Iranian congress on Infectious disease. Tehran, Iran, 17-21 Dec. 2005.

Papers:

Satari M, Adjamian U and **Mobarez AM.** Evaluation of antibacterial effect of dairy *Lactobacilli*. *Daneshvar Medical J.* 2(5): 53-56, 1998.

Satari M, Adjamian U, and **Mobarez AM.** Anti bacterial effect of *Lactobacilli* bacteriocin. *Modares Medical Journal,* 2(1): 31-35, 1999.

Hosseini Dous tand **Mohabati Mobarez A.** Inhibition of phago-lysosome fusion by *Legionella pneumophila* in amoeba

host cell. *Yaghteh Medical Journal*. 3: 39-43, 1999.

Hosseini Doust, and **Mohabati Mobarez A**. Growth enhancement of *Legionella pneumophila* by co cultivation with amoeba. *Yaghteh Medical Journal*. 2(5): 13-17, 2000.

Hosseini Doust, and **Mohabati Mobarez A**. Influences of intercellular conditions on OMP and LPS of *Legionella pneumophila*. *Yaghteh Medical Journal*. 3 (10): 59-64, 2001.

Mohabati Mobarez A, et al. The effect of *Bordetella pertusis* OMPs on murine neutrophil activity. *Daneshvar Medical J*, 9 (35): 67-72, 2002.

Mohabati Mobarez A, et al. Proliferation response in preimmunized mice lymphocyte by *B. pertusis* cell wall component. *Iranian J of Allergy*, 2(1): 39-44, 2003.

8) **Mohabati Mobarez A**, et al. Collagenase activity in *Prevotella bivia* isolated from patients with PROM. *Iranian Medical j*. 18(1): 61-65, 2003.

Hosseini Doust, **Mohabati Mobarez A** and Hajia M. Molecular detection of *L. pneumophila* with culture negative samples. *Yaghteh Medical J*. 4(16): 219-223, 2003.

Mohabati Mobarez A, Kamali S, Zuhir Mohamad H and Hosseini doust R. Anti mutagenic effect of Lactobacilli isolated from Iranian yoghurt on 2-nitrofluorene. *Kosar medical J*. 10(2): 524-529, 2004.

Shokohzadeh L, **Mohabati Mobarez A**, Sadeghzadeh M, Amini M. CagA gene in *H. pylori* isolates in tehran. *Kosar medical J*, 6: 261-266, 2006.

Zaringhalam M, Satari M, **Mohabati Mobarez A**. Inhibitory effect of yoghurt lactobacilli on growth and verotoxin production of enterohaemorrhagic *E. coli*. *Pakistan J of biological sciences*, 9: 2112-2116, 2007.

Mohabati Mobarez A, Hosseini doust R, Zuhir Mohamad H and Kamali S. Antimutagenic effect of *L. acidophilus* and *L. bulgaricus* isolated from Iranian yoghurt. *Research J. of Microbiology*. 6: 524-529, 2007.

Hosseini Doust R, Ahmadi Z, Ahmadi A, Hajia M, Izadi M **Mohabati Mobarez A**. Detection of *Brucella abortus* by *alkB* and IS711 based primers. *J of research in medical sciences*. 12(2): 62-67, 2007.

Ale yasin A, **Mohabati Mobarez A**, Sadeghi zadeh M, Hosseini Doust R, Khoramabadi N. Resistance to vancomycin in *E. faecium* and *E. faecalis* clinical isolates. *Pakistan J of Medical sciences*. 23(3): 390-393, 2007.

Moradi S, Satari M, Porbakhsh A, **Mohabati Mobarez A**, et al. Blocking adherence of uropathogenic *E. coli* isolates to HEP-2 cells and bladder of mice in the presence of antibody against p- fimbriae. *Biologicals*. 35: 1-7, 2007.

Mohabati Mobarez A, Hosseini Doust R, Esmaeili D. *Legionella* in hospital water system. *Iranian J of Infectious Disease*. 36: 33-37, 2007.

Esmaeili D, Qorbanalizadegan M, Ranjbar R, **Mohabati Mobarez A**. The prevalence of nosocomial infection in respiratory tract caused by multi drug resistance bacteria in patients submitted in baghatallah hospital. *JAUMS*. 5(2):1185-1188, 2007

Shapouri R, **Mohabati Mobarez A**, et al. Optimization of *Brucella abortus* fermenter cultural conditions and LPS extraction method for antigen production. *Research J of Microbiology*. 7:1-8, 2008.

Mohabati Mobarez A, Hosseini Doust R, Sattari M, Manteghi N. antimicrobial effect of Bacteriocin like substance produced by *L. acidophilus* from traditional yoghurt on *P. aeruginosa* and *S. aureus*. *J of Biological Sciences*, 8(1):221-224, 2008.

Haghi Tomatari F, **Mohabati Mobarez A**, Amini M, Hosseini Doust R. Suppressive effect of *Lactobacillus acidophilus* on antibiotic resistant *H. pylori* strains isolated from gastric patients. *Modares medical Journal*, 2008.

S. Yasliani, **Mohabati Mobarez A**, Hosseini Doust R, Sattari M, Teimornejad O. Linezolid vancomycin resistant *Enterococcus* isolated from clinical samples in Tehran hospitals. 63(7); 297-302, 2009.

Teimournejad O, **Mohabati Mobarez A**, Hosseini Doust R, Yasliani S, Mohajer Iravani B, Hasibi M. Incidence of vanA, B, C, D, E in vancomycin resistant *Enterococcus* isolated from fecal flora in Tehran. *Modares J of Medical Sciences*. 12(1); 17-24, 2009.

N. khoram abadi, Hosseini Doust R, **Mohabati Mobarez A**. Evaluation of a PCR- ELISA detection method for *Brucella abortus*. *OJVR*. 13(1) 76-85, 2009.

Rajaei A, Barzegar M, **Mohabati Mobarez A**, Sahari MA, Hamidi Esfahani Z. Antioxidant, antimicrobial and antimutagenicity activities of pistachio green hull extract. *Food and Chemical Toxicology*. 48; 107-112, 2010.

