

CURRICULUM VITAE of Dr. Reza Ghotaslou

PERSONAL DETAILS

Name: Reza
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EDUCATION AND QUALIFICATION

1985-1992: M.D; Doctorate of MEDICINE from Faculty of Medicine at Iran University of Medical Sciences, Tehran, Iran. Conducted research and presented a thesis entitled “pectus excavatum and pectus in carinatum” under the supervision of Prof. A. Shirinzadeh.

1998-2001 Ph.D in Medical Microbiology, with a thesis entitled “Detection of *Helicobacter pylori* in gastric biopsy by molecular assay and the comparison with RUT and Histopathology” under the supervision of Prof. A. Zargarizadeh and Prof F. Megraud. In this study a novel approach was developed a new specific assay for *H.pylori* detection. *H.pylori* is a small, Gram negative

bacilli. *H.pylori* infection has a high prevalence in Iran (>80%). It plays a key role in etiological agent of chronic gastritis, peptic ulcer, gastric cancer and lymphoma. A variety of invasive and non-invasive methods have been described for detection. Thus diagnose and treatment of *H.pylori* infection is very important. We designed a PCR which encoding gene Urease-C. In our study PCR assay had 98% sensitivity and 93% specificity. Therefore, this study established a sensitive and specific methodology for accurate detection of *H.pylori* infection without need for bacterial culture.

2001-2002 Awarded a scholarship in order to study Ph.D from 2001-2002, Bordeaux, France.

Foreign Languages

English and French

EMPLOYMENT

2002 - Present: Prof. of Medical Microbiology, Full-time junior lecturer at the Faculty of Medicine, Tabriz University of Medical Sciences.

Membership

1. Membership of Cardiovascular Research Center, Tabriz University of Medical Sciences, Tabriz, Iran.
2. Membership of Applied Drug Research Center, Tabriz University of Medical Sciences, Tabriz, Iran.
3. Membership of Iranian Microbiological Association.

PUBLICATIONS

I. Book

1. **Ghotaslou R**. Laboratory of Microbiology, publisher Akhtar, 392 p (Farsi).
2. **Ghotaslou R**. Antibiotic, and antibiotic resistance, 450 p Tabriz University of Medical Sciences, (Farsi).
3. **Ghotaslou R**, Laboratory of Microbiology, publisher Dr Khalili, ed 2, 1393. 292 p (Farsi).
4. **Ghotaslou R**, et al Antibiotic resistance in IRAN, Tabriz University of Medical Sciences, (Farsi).

II. Articles

1. **Causative agents and antimicrobial susceptibilities of urinary tract infections in the northwest of Iran**. S Farajnia, MY Alikhani, R **Ghotaslou**, B Naghili... - International Journal of Infectious Diseases, 2009.
2. **Primary resistance in Helicobacter pylori isolated in children from Iran**. M Rafeey, R **Ghotaslou**, S Nikvash, AA Hafez - Journal of Infection and Chemotherapy, 2007.
3. **Klebsiella pneumoniae in Neonatal Sepsis: A 3-Year-Study in the Pediatric Hospital of Tabriz Iran**. R **Ghotaslou**, Z Ghorashi, M Nahaei - Japanese journal of infectious diseases, 2007.
4. **Detection of metallo- β -lactamase-encoding genes among clinical isolates of Pseudomonas aeruginosa in northwest of Iran**. S Yousefi, S Farajnia, MR Nahaei, MT Akhi... R **Ghotaslou** - Diagnostic microbiology and infectious ..., 2010.
5. **The status of antimicrobial resistance of Helicobacter pylori in Eastern Azerbaijan, Iran: comparative study according to demographics**. M Milani, R **Ghotaslou**, MT Akhi, MR Nahaei, A Hasani... - Journal of Infection and Chemotherapy, 2012.
6. **Class 1 integron and imipenem resistance in clinical isolates of Pseudomonas aeruginosa: prevalence and antibiotic susceptibility**. S Yousefi, MR Nahaei, S Farajnia, M Ghojzadeh... R **Ghotaslou** - Iranian journal of microbiology, 2010.

7. **Virulence and antimicrobial resistance in enterococci isolated from urinary tract infections.** Y Sharifi, A Hasani, R **Ghotaslou**, B Naghili... - Adv Pharm Bull, 2013.
8. **Survey of virulence determinants among vancomycin resistant Enterococcus faecalis and Enterococcus faecium isolated from clinical specimens of hospitalized patients of North...** Y Sharifi, A Hasani, R **Ghotaslou**, M Varshochi... - The open microbiology journal, 2012.
9. **Diversity of Helicobacter pylori cagA and vacA genes and its relationship with clinical outcomes in Azerbaijan, Iran.** R **Ghotaslou**, M Milani, MT Akhi, MR Nahaei, A Hasani... - Adv Pharm Bull, 2013.
10. **Genotyping of hepatitis C Virus in Northwest of Iran.** MS Hejazi, R **Ghotaslou**, MF Hagh, YM Sadigh - Biotechnology, 2007.
11. **Detection of acute childhood meningitis by PCR, culture and agglutination tests in Tabriz, Iran.** R **Ghotaslou**, S Farajnia, F Yeganeh, S Abdoli-Oskouei... - Acta Medica Iranica, 2012.
12. **Molecular screening of virulence genes in high-level gentamicin-resistant Enterococcus faecalis and Enterococcus faecium isolated from clinical specimens in Northwest Iran.** A Hasani, Y Sharifi, R **Ghotaslou**, B Naghili... - Indian journal of medical microbiology, 2012.
13. **Vancomycin-resistant enterococci among clinical isolates from north-west Iran: identification of therapeutic surrogates.** Y Sharifi, A Hasani, R **Ghotaslou**, M Varshochi... - Journal of medical microbiology, 2012.
14. **Mediastinitis after cardiac surgery in Madani Heart Center, Tabriz, Iran.** R **Ghotaslou**, AR Yagoubi, AA Khalili, R Mahmodian - Jpn J Infect Dis, 2008.
15. **Prevalence of antibiotic resistance in Helicobacter pylori: A recent literature review.** R **Ghotaslou**, HE Leylabadlo, YM Asl - World journal of methodology, 2015.
16. **Detection of legionella contamination in tabriz hospitals by PCR assay.** R **Ghotaslou**, FY Sefidan, MT Akhi, MH Soroush... - Advanced pharmaceutical bulletin, 2013.

17. **Pattern of *Pseudomonas aeruginosa* drug resistance in Tabriz Children Hospital.** Z Ghorashi, N Nezami, R Ghotaslou, S Ghorashi - Pakistan journal of biological sciences: PJBS, 2010.
18. **Seroprevalence of cytomegalovirus in patients with and without coronary artery diseases at Madani Heart Center, Iran.** N Safaie, R Ghotaslou, HM Ghaem - Acta Medica Iranica, 2010.
19. **Hepatitis B virus infection and the risk of coronary atherosclerosis.** R Ghotaslou, N Aslanabadi, M Ghojzadeh - Annals Academy of Medicine Singapore, 2008.
20. **Infection with *Mycoplasma pneumoniae* is not related to asthma control, asthma severity, and location of airway obstruction.** K Ansarin, S Abedi, R Ghotaslou, MH Soroush... - International journal of general medicine, 2010.
21. **Association between helicobacter pylori, caga, and vaca status and clinical presentation in iranian children.** M Rafeey, R Ghotaslou, M Milani, N Farokhi... - Iranian journal of pediatrics, 2013.
22. **Relationship between drug resistance and cagA Gene in Helicobacter pylori.** R Ghotaslou, M Milani, MT Akhi, MS Hejazi, MR Nahaei... - Jundishapur Journal of Microbiology, 2013.
23. **Bacterial etiology and antibiotic susceptibility pattern of diabetic foot infections in Tabriz, Iran.** MT Akhi, R Ghotaslou, M Asgharzadeh, M Varshochi... - GMS hygiene and infection control, 2015.
24. **Intravascular catheter colonization and related bloodstream infection in the heart surgery intensive care unit.** K Hashemzadeh, R Ghotaslou, M Dehdilani - Saudi medical journal, 2008.
25. **A case of *Aspergillus fumigatus* mediastinitis after heart surgery in Madani Heart Center, Tabriz, Iran.** R Ghotaslou, R Parvizi, N Safaei, S Yousefi - Progress in cardiovascular nursing, 2008.
26. **The prevalence of aminoglycoside-modifying enzymes among coagulase negative staphylococci in Iranian pediatric patients.** R Ghotaslou, M Aghazadeh, MA Rezaee, MH Moshafi... - Journal of Infection and Chemotherapy, 2014.

27. **Antibiotic resistance pattern of Staphylococcus aureus isolated from patients in tabriz pediatric hospital (2003-2005).** S Abdoli Oskouie, R Ghotaslou... - Journal of Rafsanjan University of Medical ..., 2006.
28. **Antibiotic Susceptibility Pattern of Aerobic and Anaerobic Bacteria Isolated From Surgical Site Infection of Hospitalized Patients.** MT Akhi, R Ghotaslou, S Beheshtirouy, M Asgharzadeh... - Jundishapur journal of microbiology, 2015.
29. **Determination of antibiotic sensitivity of Bacteroid fragilis isolated from patients and healthy individuals in Imam Reza Center of Medical Teaching and Treatment-Tabriz.** MT Akhi, M Shirinzadeh, R Ghotaslou, MH Sorous... - Jundishapur Journal of Microbiology, 2013.
30. **Effects of Oxygen on In-vitro Biofilm Formation and Antimicrobial Resistance of Pseudomonas aeruginosae.** R Ghotaslou, B Salahi - Pharmaceutical Sciences, 2013.
31. **Prevalence of hepatitis C infection among type 2 diabetic patients.** N Aghamohammadzadeh, R Ghotaslou, M Javadi... - Medical Journal of Tabriz University of Medical ..., 2010.
32. **Evaluation of nested PCR method for diagnosis of meningitis due to Neisseria meningitidis and Haemophilus influenzae.** ZH Bonab, S Farajnia, R Ghotaslou, E Nikkhah - Turkish Journal of Biology, 2012.
33. **Study on Bacteria and Factors Involved in Wound Infections after Cardiac Surgery in Shahid Madani Hospital.** A Yaghoubi, R Ghotaslou, N Safaei, J Jahanroshan... - 2011.
34. **Antimicrobial activity of chlorhexidine, peracetic acid/peroxide hydrogen and alcohol based compound on isolated bacteria in Madani Heart Hospital, Tabriz, Azerbaijan, Iran.** R Ghotaslou, N Bahrami - Advanced pharmaceutical bulletin, 2012.
35. **Metallo- β -lactamase-producing Pseudomonas aeruginosa in two Iranian teaching hospitals, their antimicrobial susceptibility and serotypes.** S Yousefi, MR Nahaei, S Farajnia, MT Akhi... R Ghotaslou - Journal of Chemotherapy, 2011.
36. **Molecular Diagnosis of Bacterial Infective Endocarditis in Tabriz, Azerbaijan.** R Ghotaslou, BS Eshlaghi, F Yeganeh, A Yaghoubi - Journal of cardiovascular and thoracic research, 2013.

37. **DETECTION OF PULMONARY INFECTIONS DUE TO MYCOPLASMA PNEUMONIAE BY CULTURE, ELISA AND PCR METHODS AT HOSPITALS OF TABRIZ UNIVERSITY OF MEDICAL SCIENCES.** S SHARIFI, R **GHOTASLOU**, MT AKHI, MH SORUSH... - 2011.
38. **Study of the Microbial Etiologies and Resistance Pattern of Neonatal Septicemia in Tabriz Pediatric Hospital.** R **Ghotaslou**, H Soltani Ahari, S Ghorashi - Journal of Ardabil University of Medical Sciences, 2007.
39. **Comparison of E test and Disk Diffusion Test for Antibiotic Resistance Testing of Enterotoxigenic and Non-Enterotoxigenic Bacteroides fragilis Isolated From Stools.** MT Akhi, R **Ghotaslou**, M Shirinzadeh, T Pirzadeh... - Jundishapur Journal of Microbiology, 2013.
40. **Determination of antimicrobial resistance profile and inducible clindamycin resistance of coagulase negative staphylococci in pediatric patients: the first report from Iran.** M Aghazadeh, R **Ghotaslou**, MA Rezaee, MH Moshafi... - World Journal of Pediatrics, 2015.
41. **Detection, Virulence Gene Assessment and Antibiotic Resistance Pattern of O157 Enterohemorrhagic Escherichia coli in Tabriz, Iran.** MT Akhi, AT Ostadgavahi, R **Ghotaslou**... - Jundishapur Journal of Microbiology, 2015.
42. **Microbial agents of the conjunctiva infection in patients hospitalized in Tabriz pediatric hospital.** R **Ghotaslou**, Z Ghorashi, E Heidari, S Nikvash - Journal of Ardabil University of Medical Sciences, 2004.
43. **Frequency of MRSA in diabetic foot infections.** MT Akhi, R **Ghotaslou**, MY Memar, M Asgharzadeh... - ... Journal of Diabetes in Developing Countries, 2016, Wound Medicine .
44. **Detection of Legionella in Hospitals Water Systems.** F Yeganeh, R **Ghotaslou**, MT Akhi, MH Soroush - Medical Journal of Tabriz University of Medical ..., 2013.
45. **Prevalence of antibiotic resistance in Helicobacter pylori: A... World Journal of Methodology** R **Ghotaslou**, HE Leylabadlo, YM Asl.
46. **Detection of Neisseria meningitidis in Pediatrics Meningitis by PCR, in Comparison to Culture and Agglutination Tests (Short Report).** R **Ghotaslou**, S Farajnia - Journal of Rafsanjan University of Medical Sciences, 2012.

47. **Frequency of Aminoglycoside-Modifying Enzymes and ArmA Among Different Sequence Groups of Acinetobacter baumannii in Iran.** A Hasani, V Sheikhalizadeh, M Ahangarzadeh Rezaee... R **Ghotaslou** - Microbial Drug Resistance, 2016.
48. **Determination of Antibiotic Sensitivity of Bacteroid fragilis Isolated from Patients and Healthy Individuals in Imam Reza Center of Medical Teaching and Treatment-Tabriz.** M Taghi Akhi, M Shirinzadeh, R **Ghotaslou**, MH Sorous... - Jundishapur J Microbiol.
49. **Helicobacter pylori hopQ alleles (type I and II) in gastric cancer.** HE Leylabadlo, M Yekani, R **Ghotaslou** - Biomedical reports, 2016.
50. **Epidemiology, clinical features, and laboratory detection of Mycoplasma pneumoniae infection in East Azerbaijan, Iran.** R **Ghotaslou**, S Sharifi, MT Akhi, MH Soroush - Turkish Journal of Medical Sciences, 2013.
51. **Association between Helicobacter pylori, cagA, and vacA Status and Clinical Presentation in Iranian Children.** R **Ghotaslou**, M Rafeey, M Milani, N Farokhi... - 2013.
52. **Study of Antimicrobial Effects of Clarithromycin Loaded PLGA Nanoparticles against Clinical Strains of Helicobacter pylori.** F Lotfipour, H Valizadeh, M Milani, N Bahrami... R **Ghotaslou** - Drug research, 2015.
53. **Hepatitis A Virus and Coronary Artery Diseases.** R Ghotaslou, MD Nasser Aslanabdi - J Cardiovasc Thorac Res, 2009.
54. **Biofilm of Pseudomonas Aeruginosa and New Preventive Measures and Anti-Biofilm Agents.** R **Ghotaslou**, B Salahi Eshlaqghi - Journal of Rafsanjan University of Medical Sciences, 2013.
55. **Etiology of Acute Bacterial Meningitis in Iran: a Systematic Review.** R **Ghotaslou**, FY Sefidan, B Salahi-Eshlaqi... - Acta Medica Iranica, 2015.
56. **Relationship Between Drug Resistance and cagA Gene in Helicobacter pylori.** M Milani, R **Ghotaslou**, MT Akhi, MS Hejazi, MR Nahaei... - Jundishapur J Microbiol, 2013.
57. **Detection of Metallo beta Lactamase Encoding Genes in Clinical Isolates of Pseudomonas aeruginosa by Multiplex Real-Time PCR.** S Yousefi, MR Nahaei, S Farajnia, MT Akhi... R **Ghotaslou** - The First International Congress of Medical ..., 2011.

58. **Survey of TEM Type Extended-Spectrum β -Lactamases ESBL in Clinical Isolates of Escherichia Coli by Phenotypic and Genotypic Methods.** MM Soltan Dalal, F Shamkani, MK Sharifi Yazdi... R Ghotaslou - Medical Journal of Tabriz University of Medical ..., 2012.
59. **Frequency of Helicobacter pylori blood-group antigen-binding adhesion 2 and sialic acid binding adhesion genes among dyspeptic patients in Tabriz, Iran: H. pylori babA2...** L Yousefi, R Ghotaslou, MT Akhi, M Asgharzadeh... - Journal of Analytical Research in Clinical ..., 2015.
60. **Antibacterial Effects of Azerbaijan honey on Pseudomonas aeruginosa biofilm.** R Ghotaslou, H Saghati, A Dehnad, B Salahi Eshlaghi - Iranian Journal of Medical Microbiology, 2016.
61. **Antimicrobial susceptibility of Helicobacter pylori isolates collected in Tabriz.** M Milani, R Ghotaslou, MT Akhi, MR Nahaei, A Hassani... - The First International Congress of Medical ..., 2011.
62. **Fosfomycin, interesting alternative drug for treatment of urinary tract infections created by multiple drug resistant and extended spectrum β -lactamase producing strains.** FY Sefidan, R Ghotaslou, MT Akhi, MR Sadeghi... - Iranian Journal of Microbiology, 2016.
63. **Study of Lactulose effects on intestinal probiotics and blood glucose status in type 2 diabetic patients.** Akbar Aliasgharzadeh, Reza Ghotaslou and Arash Khayati . *Int.J.Curr.Res.Aca.Rev.* 2015.
64. **Comprehensive study to investigate the role of various aminoglycoside resistance mechanisms in clinical isolates of Acinetobacter baumannii,** V Sheikhalizadeh, A Hasani, MA Rezaee, M Rahmati-yamchi, Ghotaslou R, A Hasani, Journal of Infection and Chemotherapy, 2016.
65. **Molecular characterization of extended-spectrum β -lactamase, plasmid-mediated AmpC cephalosporinase and carbapenemase genes among Enterobacteriaceae isolates in five medical centres of East and West Azerbaijan, Iran,** MR Sadeghi, R Ghotaslou, MT Akhi, M Asgharzadeh, A Hasani. Journal of Medical Microbiology 65 (11), 1322-1331.
66. **Prevalence of Oxacillinase Groups I, II and III in Pseudomonas aeruginosa Isolates by Polymerase Chain Reaction and Genotyping by ERIC-PCR Methods.** M Aghazadeh, HS Kafil, R Ghotaslou, M Asgharzadeh, M Moghadami, Jundishapur Journal of Microbiology, 2016.
67. **Carbapenem inactivation: a very affordable and highly specific method for phenotypic detection of carbapenemase-producing Pseudomonas aeruginosa isolates compared with other methods.** MT Akhi, Y Khalili, R Ghotaslou, HS Kafil, S Yousefi, B Nagili, HR Goli. Journal of Chemotherapy 2016, 1-6

68. Fosfomycin, a therapeutic option for infections produced by multiple drug-resistant Enterobacteriaceae. FY Sefidan, R Azargun, R **Ghotaslou**. *Microbiology Research* 2016, 7 (1).
69. Colistin, an option for treatment of multiple drug resistant *Pseudomonas aeruginosa*. MY Memar, R Pormehrli, N Alizadeh, R **Ghotaslou**, H Bannazadeh Baghi. *Physiology and Pharmacology* 2016, 20 (2), 130-136.
- 70. EVALUATION OF AMINOGLYCOSIDES RESISTANCE GENES AMONG BETA LACTAMASEPRODUCING ESCHERICHIA COLI, Mohammad Taghi Akhi¹, Reza **Ghotaslou**, Mohammad Asgharzadeh, Tahereh Pirzadeh, Babak Asghari, Mohammad Yousef Memar, Ali Toloue Ostadgavahi, Maryam Zarringhalam moghaddam, Vida Sorayaei Somehsaraei, 2016 | IIOABJ | Vol. 7 | Suppl 4| 28-33.**
- 71. THE IN VITRO EFFECTS OF SILVER NANOPARTICLES ON BACTERIAL BIOFILMS . Reza **Ghotaslou**, Zahra Bahari³, Abdullah Aliloo, Pourya Gholizadeh , Behnaz Salahi Eshlaghi, *J Microbiol Biotech Food Sci . 2017: 6 (4) 1077-1080.***
- 72. High frequency of MRSA in surgical site infections and elevated vancomycin MIC. Mohammad Taghi Akhi, Reza **Ghotaslou**, Naser Alizadeh, Tahereh pirzadeh, Samad Beheshtirouy, Mohammad Yousef Memar. *Wound Medicine, Volume 17, 2017, 7-10.***
- 73. Dissemination of Genes Encoding Aminoglycoside-Modifying Enzymes and *armA* Among *Enterobacteriaceae* Isolates in Northwest Iran. **Ghotaslou** Reza, Yeganeh Sefidan Fatemeh, Akhi Mohammad Taghi, Asgharzadeh Mohammad, and Mohammadzadeh Asl Yalda. *Microbial Drug Resistance. 2017, doi:10.1089/mdr.2016.0224.***
74. In vitro anti- biofilm activity of *Quercus brantii* subsp. *persica* on human pathogenic bacteria. Z Bahar, R **Ghotaslou**, Sh Taheri, *Research Journal of Pharmacognosy, 2017, 4(1) 67-73.*
75. Antibacterial Effects of Azerbaijan honey on *Pseudomonas aeruginosa* biofilm, R **Ghotaslou**, H Saghati, A Dehnad, B Salahi Eshlaghi. *Iranian Journal of Medical Microbiology* 9 (4), 40-46.
76. Prevalence of ES β L types TEM, SHV, CTX in isolates of *Salmonella*, *Citrobacter* and *Enterobacter* spp. from patients feces in Tabriz. Mohammad Taghi Akhi , Elmira Najafi Nasab, Reza **Ghotaslou** , Tahere Pirzadeh, Mohammad Asgharzadeh, Pourya Gholizadeh , Aylin Esmailkhani , Vida Sorayaei Somehsaraei and Aydin Akhi, *International Journal of Medical Research & Health Sciences, 2016, 5, 9S:197-204*

77. Detection of *Porphyromonas gingivalis* DNA in the synovial fluid of rheumatoid arthritis patients by real-time PCR Reza **Ghotaslou**, Mohammadreza Nakhjovani, Javid Sadeghi, Hamed Ebrahimzadeh Leylabadlo, Behrouz Daghighazar and Solmaz Mirmahdavi. *International Journal of Medical Research & Health Sciences*, 2016, 5, 11:661-665.
- 78.
79. **The effect of lactulose supplementation on fecal microflora of patients with chronic kidney disease; a randomized clinical trial.** Hamid Tayebi-Khosroshahi, Afshin Habibzadeh, Bahram Niknafs, Reza **Ghotaslou**, Fatemeh Yeganeh Sefidan, Morteza Ghojazadeh, Majid Moghaddaszadeh, Sahar Parkhide. *J Renal Inj Prev*. 2016; 5(3): 162–167.
80. **Evaluation of antimicrobial susceptibility of *Helicobacter pylori* to common antibiotics in Tabriz, northwest of Iran,** Kianoosh Dadashzadeh, Taghi zahraei Salehi, Reza **Ghotaslou**, Morteza Milani *Annals of Biological Research* 2013, 4 (1):118-122.
81. **Prevalence of PER-1- type Extended-Spectrum Beta-Lactamaes in Clinical Strains of *Pseudomonas aeruginosa* Isolated from Tabriz, Iran** . Mohammad Taghi Akhi, Yones Khalili, Reza **Ghottaslou**, Mohammad Aghazadeh, Mohammad Hosein Seroush hagh. *Iranian Journal of Basic Medical Sciences* 2012, 15(1).
81. **Preparation, Physicochemical Characterization and Performance Evaluation of Gold Nanoparticles in Radiotherapy.** Ali Kamiar, Reza **Ghotaslou**, Hadi Valizadeh *Advanced Pharmaceutical Bulletin* 2013, 3(2): 425-428.
83. **Epidemiology, clinical features, and laboratory detection of *Mycoplasma pneumoniae* infection in East Azerbaijan, Iran.** Reza **Ghotaslou**, Simin Sharifi, Mohammad Taghi Akhi, Mohammad Hossein Soroush *Journal , Turk J Med Sci* 2013, 43: 521-524.
- 84.
83. **The prevalence of antibiotic resistance in *Helicobacter pylori*: A systematic review** . Reza **Ghotaslou**, Hamed Ebrahimzadeh Leylabadlo, Yalda Mohammadzadeh Asl *World J Methodol* 2015 ; 5(3): 164-174.
84. **Prevalence and antimicrobial susceptibility patterns of ESBL, AmpC and Carbapenemase- producing Enterobacteriaceae isolated from hospitalized patients in Azerbaijan, Iran.** Reza **Ghotaslou**, mohammadreza sadeghi,

Mohammad Taghi Akhi, Alka Hasani, Mohammad Asgharzadeh. Iranian Journal of Pharmaceutical Research 2016.

85. Classification, microbiology and treatment of diabetic foot infection. Reza **Ghotaslou**, MY Memar, N. Alizadeh. *The Review of Diabetic Studies*, 2016 RDS-2015-1759-122915. 2017.

86. FAECAL CARRIAGE OF ESBL AND PLASMID-MEDIATED AMPC B-LACTAMASE GENES IN *KLEBSIELLA* SPP. AND *SHIGELLA* SPP. ISOLATED FROM INPATIENT AND OUTPATIENT CARRIERS IN TABRIZ, IRAN . M. Taghi Akhi1, A. Z. Bialvaei1, R. **Ghotaslou**, M. Asgharzadeh, B. Naghili, T. Pirzadeh, H. S. kafil and P. Gholizadeh
J Fundam Appl Sci 2016. 8(3S), 16-29.

87. Fecal Carriage of ESBL types TEM, SHV, CTX Producing Genera *Proteus*, *Morganella*, *Providencia* in Patients of Iran. Mohammad Taghi Akhi , Pourya Gholizadeh , Reza **Ghotaslou** , Mohammad Asgharzadeh , Mohammad Hossein Sourush , Behrouz Naghilli , Peyman Gholmohammadi , Abed zahedi Bialvaei. *Ambient SCIENCE*, 2016 Vol. 3(2):80-84.

88. The importance of *Helicobacter pylori* tnpA, tnpB and cagA genes in various gastrointestital diseases. Hamed Ebrahimzadeh, Mohammad Khalegi, Behnaz Salahi Eshlaghi, Reza **Ghotaslou** *Journal, Molecular Genetics Microbiology and Virology*. 2017.

89. Antibacterial effects of Azerbaijan Garlic. *Journal of Zoonotic Diseases* , Mohamad Khaleghi, Reza **Ghotaslou**, 2016.

90. Yekani M, Memar MY, Alizadeh N, Safaei N, **Ghotaslou** R. Antibiotic Resistance Patterns of Biofilm-Forming *Pseudomonas Aeruginosa* Isolates from Mechanically Ventilated Patients. *Int J Sci Stud* 2017;5(5):1-5.

91. Mostafa Danandeh, Seyed Reza Moadab, Mohammad Asgharzadeh, Naser Alizadeh, Reza **Ghotaslou**. Mycobacterium Tuberculosis Diversity by Exact Tandem Repeats-Variable Number Tandem Repeat Method in Azerbaijan, Iran. 2017/9/8. *Infectious Diseases in Clinical Practice*

92. Reza **Ghotaslou**, Yalda Mohammadzadeh Asl .Seroepidemiology of pertussis disease in Asia: A literature review. *Ann Trop Med Public Health* 2017, 10(6):1425-1431.

93. R **Ghotaslou**, MT Akhi, A Hasani, M Asgharzadeh - Iranian Journal of Pharmaceutical Research. Prevalence and antimicrobial susceptibility patterns of ESBL, AmpC and Carbapenemase-producing Enterobacteriaceae isolated from hospitalized patients in Azerbaijan, Iran . Winter Special Issue 2018.

94. YM Asl, MT Akhi, MH Soroush, FY Sefidan ,... R **Ghotaslou**. Clinical Manifestations and Seasonality of Pertussis in Azerbaijan, Iran. ... - Infectious Diseases in Clinical Practice, 2018

III. Presentations

1. **Ghotaslou Reza**. Biology of *Helicobacter pylori*. 1th Biology and Microbiology Congress on Infectious Diseases and Tropical Medicine, December 2002, Azad University of Zanjan, Iran.
2. **Ghotaslou Reza**. *Pseudomonas conjunctivitis* in neonatal patients . 1th Iranian Seminar of Microbiology, August 2003, Azad University of Qume, Iran.
3. **Ghotaslou Reza**. Comparative of Rapid Urease Test in *H. Pylori* detection. 12th Iranian congress on Infectious diseases and tropical, Dec. 2003, Tehran, Iran.
4. **Ghotaslou Reza**. Isolating and antibiogram of Bacterial conjunctivitis in Pediatric hospital of Tabriz, 6th Iranian Microbiology Congress, 2003, Tehran, Iran.
5. **Ghotaslou Reza**. Evaluation of in vitro antimicrobial activity of cefepime (fourth generation of cephalosporin's). Sixteenth International congress of Paediatrics, 2004, Tehran, Iran.
6. **Ghotaslou Reza**. Bacterial agents of UTI infection in paediatric, 13th Iranian congress on Infectious diseases and tropical, Dec. 2004, Tehran, Iran
7. **Ghotaslou Reza**. Determining relation between histopathological with and without *H. pylori* infection. Gastrointestinal diseases in pediatrics surgery. 2004, Tehran, Iran.
8. **Ghotaslou Reza**. Epidemiology of coagulase negative *Staphylococcus* septicemia in children. 14th Iranian congress on Infectious diseases and tropical, Oct.2005, Tehran, Iran.

9. **Ghotaslou Reza**. Etiological agents of tracheal secretion in intubated children. Respiratory diseases in pediatrics surgery. 2004 Tehran, Iran.

10. Gharashi Zia. **Ghotaslou Reza**. Study on *Pseudomonas aeruginosa* antimicrobial susceptibility. Eighteenth International congress of Paediatrics 2006, Tehran, Iran.

11. **Ghotaslou Reza**, Hejazi MS, Farshdoosti Hag M, The comparative of ELISA and PCR assays in detection of HCV infections. 15th Iranian congress on Infectious diseases and tropical, Oct.2006, Tehran, Iran.

12. **Ghotaslou Reza**, Aslanabadi N, Hepatitis B virus infection and risk of coronary atherosclerosis .The 6th Iranian congress of gastroenterology and Hepatology Nov 2006, Mashhad,Iran

13. **Ghotaslou Reza**, Distribution of different genotypes of HCV in Tabriz, The 6th Iranian congresses of gastroenterology and Hepatology Nov 2006, Mashhad, Iran .

14. **Ghotaslou Reza**. Urinary tract infections by *Candida* spp. at Madani Heart center. 1st International quality improvement in clinical laboratories. Tehran 2008.

15. **Ghotaslou R**, Drug susceptibility pattern in Intensive care unit Madani Heart Center. International Clinical and Laboratory, Tehran 2008.

16. M. Rafeey, R. **Ghotaslou** , N. Farokhi, CORRELATION BETWEEN GENOTYPE OF *HELICOBACTER PYLORI* AND CLINICAL PRESENTATION IN CHILDREN, ESPGHAN 2013.

17. Yousefi S, Nahaei M.R, Farajnia S. , Akhi M.T., **Ghotaslou R**, Soroush MH . Minimum inhibitory concentrations of 12 different antibiotics against MBL producing *Pseudomonas*

- aeruginosa by Etest method in northwest of Iran. The First International Congress of Medical Bacteriology 2001.
18. Sharifi Y, Hasani A, Ghotaslou R, Milani M, Nojavan M. Prevalence of vancomycin resistance enterococci isolated from clinical specimens in Imam Khomeini hospital of Uremia, Iran, second the patients immunity, Uremia, Iran, 2010.
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20. Reza Ghotaslou, Milani M, The relationship between antibiotic resistance and vacA of *H. pylori*, 5th international quality improvement in clinical laboratories, 2011.
21. Reza Ghotaslou, Bornak M, Ghafari S, Clinical manifestations and laboratory of endocarditis in Madani Hospital, Tabriz, Iran. 19th Iranian congress on Infectious diseases and tropical 2010.
22. Sharifi S, Ghotaslou R, Akhi MT, Soroush MH. Seroprevalence of *Mycoplasma pneumoniae* Serum Antibodies, IgG and IgM, at Tabriz The First International Congress of Medical Bacteriology 2010.
23. Reza Ghotaslou, A. Yaghoobi. Evaluation of teicoplanin resistance in *Staphylococcus aureus* in Madani Hospital, Tabriz, Iran. 19th Iranian congress on Infectious diseases and tropical Sari, Iran, Antibiotic congress 2011.
24. Reza Ghotaslou, Milani M. The relationship between antibiotic resistance and *cag A* of *H. pylori*, Antibiotic congress, Sari, IRAN 2011.
25. Yones Khalili, MT Akhi, R. Ghotaslou. Study on *P. aeruginosa* producing ESBLs by phenotyping method in

Tabriz Hospitals. The First International Congress of Medical Bacteriology Tabriz, Iran 2011.

26. Nasrollah J, S. Farajniya, R. **Ghotaslou**, detection of Pneumococcus and Listeria monocytogenes meningitis by Nested PCR. The First International Congress of Medical Bacteriology Tabriz, Iran 2011.

27. Sharifi S, **Ghotaslou** R, MT Akhi. Epidemiology and clinical features of M. pneumoniae infections at Tabriz. The First International Congress of Medical Bacteriology Tabriz, Iran 2011.

28. Sharifi Y, Haani A, **Ghotaslou** R , Varshochi M, Hassani A Detection of cytolysin genes as virulence factors in clinical enterococci isolates. First International Congress of Medical Bacteriology Tabriz, Iran 2011.

29. Yousefi S. 1, Nahaei M.R, Farajnia S. Akhi M.T., **Ghotaslou** R. Zareikar B. Detection of metalobetalactamase encoding genes in clinical isolates of P. aeruginosae by multiplex PCR. First International Congress of Medical Bacteriology Tabriz, Iran 2011.

30. R. **Ghotaslou**, M. Milani, MT Akhi. Antimicrobial susceptibility of H. pylori isolates collected in Tabriz. Tabriz, Iran First International Congress of Medical Bacteriology Tabriz, Iran 2011.

31. M. Rezaei, S. Oskouei, R, **GHOTASLOU**, Prevalence of methicilin resistant S.aureus and vancomycin resistant enterococcus in teaching hospital in Tabriz Iran First International Congress of Medical Bacteriology Tabriz, Iran 2011.

32. Reza **Ghotaslou**, Leila Yousefi , Mohammad TaghiAkhi, Mohammad Asgharzadeh, Mohammad Reza Nahaei.

Adherence Genes of *Helicobacter pylori* among Dyspeptic

Patients in Azarbaijan, Iran. International Congress of Medical Microbiology Tabriz, Iran 2014.

33. Reza **Ghotaslou**, M. Khalegi. Antimicrobial effects of Garlic International Congress of Medical Microbiology, Tabriz, Iran 2014.

34. Alizadeh, N., Akhi, M. T., **Ghotaslou**, R., Memar, M. Y., & Bialbaei, A. Z. MICROBIOLOGY OF DIABETIC FOOT INFECTIONS. The 15th International Congress of Medical Microbiology, Tehran, Iran 2014.

35. Soroush MH, MR Rezaei, **Ghotaslou**, R. Prevalence and drug resistance of *P. aeruginosa* isolated from outpatients with UTI referred to the specialized clinics of Tabriz University, Iran, The 8th International Congress of clinical Microbiology, Tehran, Iran 2014.

36. R. **GHOTASLOU**. Detection of children meningitis due to *N. meningitidis* by PCR, The 4th International quality improvement in clinical laboratories. Tehran 2011.

37. Ghotaslou R, Saqati H, Ebrihimzadeh L, Dehnad, Zahedi. Study on antibiofilm activity of Azerbaijani honey on clinical bacterial isolates. The 7th International clinic and laboratory. Tehran 2014.

38. Poya Gholozadeh, Reza **Ghotaslou**, Arzou fallah, Naghma Javanshir Rezaei. *Proteus mirabilis* and its role in formation of urinary stones The 7th International clinic and laboratory. Tehran 2014.

39. SN Mosavi, Reza **Ghotaslou**, Arzou fallah, Naghma Javanshir Rezaei. The frequency of colistin susceptibility in *mdr Pseudomonas aeruginosa* The 7th International clinic and laboratory. Tehran 2014.

40. **Vida Soryaei, MT Akhi, Reza Ghotaslou** Evaluation of aminoglycoside resistance among beta lactamase producing *E.*

coli 17 th international and Iranian congress of microbiology,
Tehran, Iran 2016.



GRANTED RESEARCH PROJECTS

1. **Ghotaslou R.** Genotyping of *Hepatitis C virus* in North-West Iran.
2. **Ghotaslou R.** Detection of *Human Papiloma Virus* in female genital lesion by PCR and Genotyping.
3. **Ghotaslou R.** Detection of *Neiseira meningitis*, *Pneumococcus* and *S. agalaciae* in CSF by PCR.
4. Rafee M, **Ghotaslou R.** *Helicobacter pylori* resistance pattern in children.
5. Oskouei S, **Ghotaslou R.** Evaluation of Rotavirus and Adenovirus in pediatric diarrhea.
6. Seify S., **Ghotaslou R.** Seroepidemiological study on *Delta hepatitis virus* in Hemodialysis, Hemophilia, and Dialysis patients.
7. **Ghotaslou R.**, Evaluation of Hepatitis A virus infections in Coronary Artery Diseases.
8. Seify S, **Ghotaslou R.** Detection of Herpes virus in genital tract by PCR and genotyping.
9. Pezeshkian M, **Ghotaslou R.** Antibiotic susceptibility in Nasocomial Infections.
10. Jodat A, **Ghotaslou R.** Study on Nasocomial infections due to Enterobacteriaceae in Madani Hospital.
11. Yaghobi, **Ghotaslou R.** Post operative wound infections in Madani hospital.
12. **Ghotaslou R.** **Comparison of *Bifidobacterium* spp. and *Lactobacillus* spp. count in fecal of patients with Type 2 Diabetes Mellitus and healthy person.**
13. **MT. Akhi, R. Ghotaslou.** **Frequency of MRSA in diabetic foot infections.**

14. R. **Ghotaslou**. Comparison of *Bifidobacterium* and *Lactobacillus* Species Count in Stool of Non-alcoholic Fatty Liver Disease Group with Healthy Person.
15. R. **Ghotaslou** , Prevalance of the quinolone and fluoroquinolones resistance mechanisms in clinical isolates of Enterobacteriaceae in Tabriz and Uromia during 1395.
16. R. **Ghotaslou**, MT. Akhi,. Study of *Mycobacterium tuberculosis* polymorphism in North West of Iran by VNTR-ETR method
17. R. **Ghotaslou**, MT. Akhi .Study on the presense of *Helicobacter pylori* DNA in patients with gallbladder stone and control group.
18. **MT. Akhi R. Ghotaslou**,yones
19. R. **GHOTASLOU**. The rate of Oropharinx *Haemophilus influenzae* colonization amonge preschools children in Mahabad and antibiotic suseptibility patterns from 2015 to 2016 .
20. R. **GHOTASLOU**, Effects of Azithromycin combination of ceftazidime in invitro on *Pseudomonas aeruginosa* biofilms
21. R. **Ghotaslou**, MT. Akhi |Detection of *Bordetella pertussis* by culture, ELISA and PCR in Tabriz.
22. R. **Ghotaslou** Drug resistance of *Lactobasilus* spp. in dairy
- 23.

SUPERVISED THESIS

1. Radmehr N. (Feb 2006): A thesis submitted for Medical Doctorate degree (MD). Study on isolated bacteria from

discharge of endotracheal tube. Supervisors: **Ghotaslou R.**, Gharashi Z.

2. Najafloo R. (Jan 2005): A thesis submitted for Medical Doctorate degree (MD). Study on antibiotic susceptibility of *Pseudomonas aeruginosa*. Supervisors: **Ghotaslou R.**, Gharashi Z.

3. Hussein M. (Sep 2006): A thesis submitted for Medical Doctorate degree (MD). Evaluation of bacterial colonization of intravenous catheters and its risk factors in different wards of pediatric hospital of Tabriz. Supervisors: **Ghotaslou R.** Abduli Oskouie S.

4. Banagozar-Mohammadi A. (Sep 2005): A thesis submitted for Medical Doctorate degree (MD). Antibiotic resistance pattern of *Staphylococcus aureus* in Tabriz pediatric hospital. Supervisors: **Ghotaslou R.** Abduli Oskouie S.

5. Yazdani Varzi M. (Oct 2005): A thesis submitted for Medical Doctorate degree (MD). Comparison of positive blood culture results in newborns referred to children hospital. Supervisors: Abduli Oskouie S., Poorsakha H. Assistant Supervisor: **Ghotaslou R.**

6. Zafardoost L. A thesis submitted for Medical Doctorate degree (Gynecology & Obstetric). Evaluation of *Streptococcus agalactiae* in women. Supervisors: **Ghotaslou R.** Abdoulahi S.

24. Ilekhouei S. A thesis submitted for Medical Doctorate degree (Gynecology & Obstetric). Evaluation of HLA typing in Human Papilloma Virus extracted from genital lesions of women. Supervisor: Abdoulahi S. Assistant Supervisor: **Ghotaslou R.** Farajnia S. On going.

25. Javady M. A thesis submitted for Medical Doctorate degree. Evaluation of HCV infection among Diabetic mellitus type 2 patients. Supervisor: **Ghotaslou R.**

26. Jahanrooshan J, A thesis submitted for Medical Doctorate degree. Post operative infections and wound infections in Madani Cardiovascular Center, Tabriz, Iran. Supervisor: **Ghotaslou R** & Yaghobi M.
27. Shiry M, A thesis submitted for Medical Doctorate degree. Relation between Cytomegalovirus infections and Coronary Artery Diseases, Supervisor: **Ghotaslou R** & Safaei N.
28. Safarpour M, A thesis submitted for Medical Doctorate degree. Intravenous Catheters contamination in Madani Cardiovascular Center, Tabriz, Iran. Supervisor: **Ghotaslou R** & Hashemzadeh S.
29. Manzary T. Evaluation of Enterobacteriaceae resistance to broad-spectrum cephalosporin's at Shahid Madani hospital, Tabriz Supervisor: **Ghotaslou R** & Jodat A. On going.
30. Rezaei M. A thesis submitted for Medical Doctorate degree. Study on drug resistance of Enterobacteriaceae isolated in Madani Heart Center. Supervisor: **Ghotaslou R** & Pezeshkian M.
31. Yousefi Saber. A thesis submitted for Bacteriology Ph.D degree. Detection of metallo beta lactamase producing *Pseudomonas aeruginosa* isolates Supervisor: Nahaei MR, Assistant Supervisor: **Ghotaslou R**.
32. Sharify Simin. A thesis submitted for Microbiology M.Sc degree. Detection of *Mycoplasma pneumoniae* by PCR, Culture and serological methods. Supervisor: **Ghotaslou R**. Akhi MT.
33. Khalili Younes. A thesis submitted for Microbiology M.Sc degree. Broad spectrum beta lactamase producing *Pseudomonas aeruginosa*. Supervisor: Akhi MT & **Ghotaslou R**, M.Sc Student.

34. Bornak Habib, A thesis submitted for Medical Doctorate degree .Study on clinical and laboratory findings of Infectious Endocarditis; Supervisor: Ghotaslou R& Ghafary M.
35. Ballali R. A thesis submitted for Medical Doctorate degree .Study on carrier state of *Staphylococcus aureus* at Madani Heart Center staff. Supervisor: Ghotaslou R& Nasiry B.
36. Milani M. A thesis submitted for Doctorate degree of Microbiology. Evaluation of clarithromycin resistance in *Helicobacter pylori* by phenotypic and genotypic methods and assesment of association to CagA and VacA genotypes in adults and children. Supervisor: Ghotaslou R
37. Sharifi Y. A thesis submitted for Doctorate degree of Microbiology. Antimicrobial resistance among Enterococcus isolated in hospitals. Supervisor: Hasani A, Ghotaslou R
38. Yeganeh F. A thesis submitted for M.Sc degree of Microbiology.Detection of Legionella in hospital water supply. Supervisor: Ghotaslou R
39. Shirinzadeh M. A thesis submitted for M.Sc degree of Microbiology Bacteroid fragilis detection and antibiotic resistance, Supervisor: Akhi MT, Ghotaslou R.
40. Nashmil Bahrami, A thesis submitted for M.D degree .Study of invitro antimicrobial effects of Clarithromycin nanoparticles against clinical strains of *Helicobacter pylori* Assistant Supervisor: Ghotaslou R. on going.
41. Memar M. Wound infection by Bacteroid fragilis and antibiotic resistance, Supervisor: Akhi MT, Ghotaslou R.
42. Safari F. A thesis submitted for Doctorate degree of Microbiology: Molecular characterization and antibiotics resistance of *Staphylococcus epidermidis* from clinical isolates; Supervisor Aghazadeh M, Akhi MT, Ghotaslou R.
43. Yosefi L. A thesis submitted for M.Sc degree of Microbiology Study on virulence factors of *Helicobacter pylori* ., Supervisor: Akhi MT, Ghotaslou R.

44. Farokhi N, A thesis submitted for M.D degree. Relationship between *Helicobacter pylori*, cagA, and vacA Status and Clinical presentation in children.
45. Sadeqi MR, A thesis submitted for Doctorate degree of Microbiology: Simultaneous detection of all beta-lactamase classes in clinical isolates of Enterobacteriaceae by Multiplex PCR Method; Supervisor, **Ghotaslou R**, Akhi MT,.
46. Yeqaneh F, A thesis submitted for Doctorate degree of Microbiology Investigation aminoglycoside modifying enzymes and 16S rRNA methylation in evaluation the response to broad spectrum antibiotics in clinical isolation Enterobacteriaceae; Supervisor **Ghotaslou R**. Akhi MT,
47. Taheri Sh, A thesis submitted for Doctorate degree of Microbiology. Extended-spectrum β -lactamase (CTX-M) in *Escherichia coli* isolates from healthy human fecal in urban-areas of Qazvin, Iran; Supervisor **Ghotaslou R**.
48. Arbabi Sh, A thesis submitted for M.Sc degree of Microbiology; Comparison of Bifidobacterium and Lactobacillus count in fecal of non alcoholic fatty liver diseases with healthy persons , Supervisor: **Ghotaslou R**.

49. Alilo A, A thesis submitted for M.Sc degree of Microbiology; Comparison of Bifidobacterium and Lactobacillus count in fecal of Diabetic patients with healthy persons, Supervisor; **Ghotaslou R**.
50. Ebrahimzadeh H, A thesis submitted for M.Sc degree of Microbiology Study on virulence factors of *tnpA* و *tnpB* *Helicobacter pylori*. , Supervisor: **Ghotaslou R**. Akhi MT,
51. Zeinali, A thesis submitted for M.Sc degree of Microbiology; Drug resistance of lactobacillus spp. in dairy , Supervisor: **Ghotaslou R**.
52. Qorbani, A thesis submitted for M.Sc degree of Microbiology Effects of Azithromycin combination of ceftazidime in invitro on *Pseudomonas aeruginosa* biofilm, Supervisor: **Ghotaslou R**.
53. Hasanpoor, A thesis submitted for M.Sc degree of Microbiology: DNA detection of *Helicobacter pylori* in gallbladderstone , Supervisor **Ghotaslou R**.
54. Mirmahdavi S, A thesis submitted for M.Sc degree of Microbiology Evaluation of DNA of *P. gingivalis* in joint fluid of patients with rheumatoid arthritis by Real time PCR. , Supervisor: **Ghotaslou R**. Akhi MT,

55. Mohamadzadeh Y, A thesis submitted for M.Sc degree of Microbiology Detection of *Bordetella pertussis* by culture, ELISA and PCR in Tabriz , Supervisor: Akhi MT, **Ghotaslou R.**
56. Pormehali R, A thesis submitted for M.Sc degree of Microbiology; Association between *pelA* and *pslA* genes producing biofilm in clinical *Pseudomonas aeruginosae* isolates and antimicrobial resistance. , Supervisor: **Ghotaslou R.** Akhi MT,

