



Curriculum Vitae

Fatemeh Khaki-Khatibi, PhD

Associate Professor, Clinical Biochemistry

Department of Biochemistry and Clinical Laboratories

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ACADEMIC EDUCATION

Tabriz University of Medical Sciences, Tabriz, Iran

Philosophy Doctorate (Ph.D) in Clinical Biochemistry (2006-2010)

Tabriz University of Medical Sciences, Tabriz, Iran

Master Science (M.Sc) Degree in Clinical Biochemistry (1999-2001)

Tabriz University of Medical Sciences, Tabriz, Iran

Bachelor of Science (B.Sc) Degree in Laboratory Medicine (1995-1997)

Associate of Science (A.Sc) Degree in Laboratory Medicine (1991-1993)

PEER REVIEWED PAPERS (BY DR.KHATIBI)

- Comparison of genomic polymorphism of *Enterococcus Faecalis* isolated from clinical cases using methods of BOX-PCR and ERIC-PCR. (2018). Medical Journal of Tabriz University of Medical Sciences, Iran.
- Comparison of Vit-25(OH)-D serum levels in pregnant women at risk for gestational diabetes and women without risk factors. (2018). Medical Journal of Tabriz University of Medical Sciences, Iran.
- Correlation between serum Adiponectin level and rs9939609 polymorphism of gene associated with fat mass and obesity in obese women with type 2 diabetes. 2018.
- Correlation between serum resinsin level and rs9939609 polymorphism of gene associated with fat mass and obesity in obese women with type 2 diabetes. 2018.
- The effect of morphine on insulin, IGF-1, IGF-2 secretion and expression of insulin receptor gene expression in neural stem cells of rat embryo brain. 2018.
- The Effect of Lactobacilli Casei on Biochemical Factors in Diabetic Mice. 2018.
- The effect of nucleus fusion on the origin of mesenchymal stem cells on endothelial cell lines on angiogenesis potential. 2018.
- Correlation between apelin-13 and micro-RNA associated with diabetes in vitro and type 2 diabetic obese patients. 2018.
- Effect Glycemic Index of process ACHA grain on Diabetes induced rat model. (2017). African Journal of Biotechnology.
- Histopathologic study of the effect of ethanolic extract of propolis on inflammatory reactions in Experimental Cutaneous Candidiasis in Goat. (2017). Medical Journal of Tabriz University of Medical Sciences, Iran.
- Anti-Diabetic and some Haematological Effects of Aqueous and Ethanol leaf Extract of *Eriosema Psoraleoides* in Alloxan-Induced Diabetic Wistar Rats. (2017). African Journal of Biotechnology.
- Protective effects of zinc element on alkaline phosphatase activity in rats infected with sodium arsenate. 2017.
- Association of HLA-DRB1-1501-DQA1-0102-DQB1-0602 haplotype in patients with multiple sclerosis in Khuzestan province. (2017). Molecular Biology Research Communications.
- Evaluation of uric acid, NOX1 and selenium serum concentration in patients with Parkinson's disease. 2017.

- The pattern of secretion of classical liver biomarkers and apolipoproteins during differentiation of human induced stem cells into liver cells. 2017.
- The effect of treatment of nettle extract on the improvement of tissue and inflammatory symptoms caused by syndrome. (2017). Medical Journal of Tabriz University of Medical Sciences, Iran.
- Study of the therapeutic effect of nettle extract on improving the histological and inflammatory symptoms of polycystic ovary syndrome in Wistar rats. 2017
- Investigating the activity of N-acetyl galactose amine transferase-11 enzyme in leukemia. (2017). Medical Journal of Tabriz University of Medical Sciences, Iran.
- Evaluation of apoptotic markers and protamine deficiency in infertile sperm. (2017). Medical Journal of Tabriz University of Medical Sciences, Iran.
- Antibacterial activity of Essential oil of Coutensis Artemisia and its synergistic effects with Emipenem on Pseudomonas Aeruginosa. 2017.
- Comparison of PAWP protein between sperms isolated on the basis of concentration gradient centrifuges and Zeta potential. (2017). Medical Journal of Tabriz University of Medical Sciences, Iran .
- Socioeconomic factors and severity of CAD in patients undergoing Coronary Angiography: A Multicenter Study of Arabia Gulf States. (2017). the Open Cardiovascular Medicine Journal.
- Transforming growth factor-beta-1 promotes Geistlich bio-ossa osteogenesis via inhibiting local inflammation response in vivo: a failed strategy. (2017). International Research Journal of Public and Environmental Health.
- Increased arterial stiffness in Behcet,s Disease: a Systematic Review and Meta-Analysis. (2017). Korean Circulation Journal.
- Association of glutathione S-transferase M1 and T1 polymorphisms and temperament. (2017). Molecular biology research communications.
- Leptin's potential role in the assessment of diabetic and cardiac patients in Saudi Arabia: A Cohort Study. (2017). Merit Research Journal of Medicine and Medical Sciences.
- Study of serum levels of FGF23, vitamin D and PTH in patients with scleroderma and their association with skin, internal organs, and calcinosis. 2017.
- Determination of the Electrochemistry of Biomarker Malondialdehyde in Human Exit samples using the active agent poly-arginine with graphene and chitosan quantum dots. 2017.

- Herbal origins provision for non-enzymatic Glycation, (NEGs) inhibition. (2017). Premier Publishers.
- Investigation of the relationship between different stages of lupus nephritis with serum MicroRNA-21 and MicroRNA-148a. 2017.
- The effect of hydro-alcoholic extracts of sage on the amount of sodium, potassium and albumin and total protein electrolytes in Male Rat of diabetic Mature. 2017.
- Optimal classification of gene expression data for diagnosis of intestinal cancer using a backup vector machine. 2017.
- Evaluation of serum levels of Coloto and Endothelin-1 and its relationship with the severity of organ involvement in scleroderma patients. (2017). Medical Journal of Tabriz University of Medical Sciences, Iran.
- Study the association between the use of alternative hormonal drugs, the level of physical activity and smoking with the risk of breast cancer: A case-control study. 2017.
- Dynamics of malondialdehyde depending on cadmium concentration and their relation with the daily weight gain on the chicken hybrid. (2016). African Journal of Agricultural research.
- Are oxidative stress markers helpful for diagnosing the disease and determining its complexity or extent in patients with stable CAD? (2016). Korean Circulation Journal.
- Polymorphism study of *Cryptosporidium hominis* gp60 subtypes circulating in Tunisia: A Five-year study. (2016). Merit research Journal of Medicine and Medical Sciences.
- Renal protective effect of antioxidant vitamins C and E against crude oil-induced nephrotoxicity. (2016). Merit research Journal of Medicine and Medical Sciences.
- Yield, biochemical responses and evaluation of drought tolerance of two barley accessions 'Ardhaoui' under deficit drip irrigation using saline water in southern Tunisia. (2016). Net Journal of Agricultural Science.
- Adipose tissue significance with special emphasis on its role in regulating immune functions in mammals. (2016). International Research Journal of Chemistry.
- Accumulation of antioxidant enzymes, proline and ions in *Atriplex / nummularia/* subsp. Seedlings as adaptive mechanisms to salinity. (2015). Net Journal of Agricultural Science.

- Investigate the effect of aqueous extract of medicinal herb *Glycyrrhiza glabra* on HSP90 gene expression and apoptosis on HT-29 colon cancer cell line. 2015.
- Separating Internal Biological Effects from External Environmental Effects. (2015). Merit research Journal of Medicine and Medical Sciences.
- Serologic and molecular assessment of past Epstein - barr virus infection in multiple sclerosis patients. (2015). Journal of General and Molecular Virology.
- Antioxidant status in elderly women with metabolic syndrome. (2015). Journal of Cardiovascular and Thoracic Research.
- Evaluation of lipid peroxidation and the status of enzymatic and non-enzymatic antioxidants in patients with uterine cancer. 2015.
- New insights into Coronary Vasospasm. (2014). International Journal of Molecular Medical Science.
- Evaluation of serum levels of vitamin E, selenium and NEFA and it comparison with the amount of TAG of liver cells in rats fed a high fat diet. (2014). Medical Journal of Tabriz University of Medical Sciences, Iran.
- Computational Analysis of Mutation in UROS Gene Causing Congenital Erythriopoietic Porphyria in Humans. (2014). Journal of Advances in Biology.
- A study on involvement of metal-binding protein (s) for the biosorption of some selected heavy metals. (2014). Journal of Advances in Biology.
- Serum zinc levels do not differ in type 2 diabetic subjects with and without coronary artery disease. (2014). Journal of Cardiology and Angiology.
- Effects of dietary Hypercholesterolemia on plasma Lipids levels male and female Japanese white and heterozygous Kurosawa-Kusanagi Hypercholesterolemic Rabbits. (2014). Journal of Advances in Biology.
- Effects of aerobic exercise on plasma concentration of Apelin and insulin resistance in type 2 diabetic Rats. (2014). Medical Journal of Tabriz University of Medical Sciences, Iran.
- Indices of Iron Status and Metabolic Syndrome. (2014). Journal of Analytical Research in Clinical Medicine.
- Comparison of the Antibiotic Resistance Patterns among *Shigella* species isolated from pediatric hospital between 1995-1999 and 2009-2013 in Northwest of Iran. (2014). Journal of Analytical Research in Clinical Medicine.

- Evaluation of serum PLA₂, hs-CRP and Lipid Profile between women of suffering with Thyroid Latent Hypothyroidism. 2014.
- The Antioxidant Properties of Oxygen. (2013). International Research Journal of Pure and Applied Chemistry.
- Cathinone, an active principle of khat alters the Lipids in Limbic areas of Swiss Albino mice. (2013). Advances in Research.
- Caffeic Acid Phenethyl Ester (CAPE) inhibits Endothelial Tissue Factor Expression. (2013). International Journal of Nutrition and Metabolism.
- Clinical research of the relationship between serum Neopterin levels and Coronary Heart Disease. (2013). Journal of Medicinal Plant Research.
- Correlation of Glu298Asp eNOS Polymorphism with serum NO levels in Egyptian patients with CAD. (2013). British Journal of Medicine and Medical Research.
- The Effect of Prolonged Aerobic Exercise on Salivary Secretion of Immunoglobulin A and serum Cortisol level in young male adult in Okada. (2013). Journal of Advances in Biology.
- Study of Cytotoxic Effects Free and Loaded Elagic Acid in SLN (Solid Lipid Nanoparticles) on the Cell Prostate Cancer (PC3). 2013.
- Study of Healing Effects of AglinC and Hyaluronidase and Hyrostasin of Medical Leeches (Hirudo Medicin) in the Osteo Arthritis (OA). 2013.
- The Relationship between Health-Promoting behaviors and Perceived Stress in High-Risk Pregnant Women Referred to Hospitals of Tabriz Alzahra and Taleghani. 2013.
- Combined effect of Calcium-Vitamin D and Calcium alone the severity of primary Dysmenorrhea and quality of life, high school students: A Randomized Controlled Trial. 2013.
- Mechanism of Endothelial Cyto-protective and Thrombo-Resistance Effects of Sildenafil, Vardenafil and Tadalafil in male Rabbit. (2012). African Journal of Pharmacy and Pharmacology.
- Serum levels of copper and zinc in patients of Sodoexfolishen syndrome. (2012). Medical Journal of Tabriz University of Medical Sciences, Iran.
- Evaluating the effect of fasting on alterations in serum markers of protein oxidation in cardiovascular patients in Ramadan. 2012.
- Contrasting of maturity status in female patients with urinary iodine and goiter. (2011). Medical Journal of Tabriz University of Medical Sciences, Iran.

- Identification of Collagen (Can)-binding proteins and Fibronectin (FnB) in the isolation of Staphylococcus aureus collected from Clinical Specimens and Nasal with Multiplex-PCR Method. (2011). Medical Journal of Tabriz University of Medical Sciences, Iran.
- Effects of Aerobic Activity and short-term Supplementation of Coenzyme Q10 the Index of Oxidative damage and anti-Oxidative Capacity of total of disabled men. (2011). Medical Journal of Tabriz University of Medical Sciences, Iran.

RESEARCH EXPERIENCES

- Investigated the polymorphism of T-786C of NO synthase gene in Coronary Artery Disease
- MicroRNA association and receptor gene variants of leptin, selenium, copper and in patients with myocardial infarction
- The relationship between leukocyte expression and serum level of genes of PIN-1 and eNOS with hypertension in patients with Alzheimer's
- Study the effect of docosahexaenoic acid on the expression of GM-CSF and TNF- α proteins, and also atherosclerosis related genes in Human Umbilical Vein Endothelial Cells (HUVEC)
- Study of the effect of docosahexanoic acid on the gene expression of Pentraxin-3, NO synthase and secretion of IL-6 in HUVEC
- Effect of Formulation (WYE-132) as an inhibitor of mTOR and Vinblastine on Purposive Albumin Nanoparticles by Hyaluronic Acid in Induction of Apoptosis and Autophagy in Skin Cancer B16F10 Cell Line
- Study of combined treatment Doxorubicin with static in increasing the efficiency of chemotherapy in Breast Cancer ZR-75 cell line

- Studied on comparing cardiac enzymes patterns in serum after the surgery
- Investigated the comparing serum level CA125, CA19-9, CA15-3 in breast cancer
- Studied on lipoprotein (a) as strong risk factor
- Investigated the plasmic level of MDA and Anti-oxidant vitamins
- Studied on comparing measurement Troponine serum in bypass patients
- Studied on Association hs-CRP, MDA and Lipid profile with polymorphism of PAI-1 gene in CAD
- Study of IL-10, TNF- α and INF- γ gene polymorphism in sensitivity to Mycobacterium tuberculosis
- Studied on Malondialdehyde, VN and inflammation factor in Coronary Artery Disease
- Investigated the TSA concentration and hs-CRP in CAD non-smoker and non-diabetic
- Relationship of Serum Levels PAI-1, LDL-Oxide and MDA with Extent of Coronary Artery Disease
- Investigated the leptin, FN, hs-CRP with extent of CAD
- Studied on Comparison of diagnostic methods for the rapid urease test and ELISA for the detection of Helicobacter pylori infection in patients with upper gastrointestinal disorders
- Investigated on Evaluation of antibody of class of IgG against Helicobacter pylori in acute myocardial infarction
- Studied on Comparison of serum troponin I measurements in patients with coronary artery bypass grafting (CABG) in two ways: off-pump and on-pump
- Investigated the Homocystein and oxide-LDL in coronary heart diseases
- Studied on Comparison of serum CPK, CK-MB, AST and LDH enzymes in patients after CABG surgery in two ways: off-pump and on-pump

TEACHING AND EMPLOYMENT HISTORY

Associate Professor, Department of Biochemistry and Clinical Laboratories, Faculty of Medicine, Tabriz University for Medical Sciences

Teaching of Biochemistry, Clinical Biochemistry and Immunology for graduate students (M.Sc, PhD)

Teaching of Biochemistry, Clinical Biochemistry and Immunology For a variety of students at all levels

Researcher and Clinical Laboratory Expert, Reference Clinical Laboratory of Tabriz, Iran

Research Deputy of Nursing and Midwifery Faculty of Tabriz

Chief of Department of Clinical Biochemistry

Research Consultant Research & Technology Faculty of Medicine

Education Deputy in Department Pathology

Faculty Research Consultant in the Biochemistry Department

Research Scientist at the Center for Applied Research

Supervisor and Advisor of Medical Student

PROFESSIONAL SOCIETY MEMBERSHIPS

- Member of educational and research council In the Department of Biochemistry
- The Iranian Society for Clinical Chemistry
- Biochemical Society of the Islamic Republic of Iran
- Iranian Society of Physicians
- Membership of Portland Press Ltd
- Member of the Board of Directors of the PhD Interview Exam
- Member of the Test Board
- Member of the Executive Committee of the Exam of PhD

RESEARCH INTERESTS

- Molecular Medicine and Molecular diagnosis
- Genetics, Proteomics and Metabolic Diseases
- Carbohydrate, Lipid and Protein Metabolism
- Endocrinology
- Bacterial Genetics
- Enzymology
- Endocrinology, Mineral and Bone Metabolism
- Vitamins
- Trace Elements
- Oxidative Stress
- Lipo Proteins
- Gene Expression
- Polymorphism
- Biochemistry Biomarkers
- Clinical Biochemistry

DISEASE RESEARCH

- Breast Cancer
- Gastro Intestinal Tumors
- Hepatitis and Liver Diseases
- Ischemic Heart Disease and Related Risk Factors
- Hypertension
- Heart Diseases
- Coronary Artery Disease (CAD)
- Coronary Artery Bypass Grafting (CABG)

- Infectious Diseases
- Cancer
- Neurological diseases

RESEARCH TECHNIQUES USED

- Mass Spectroscopy (MS)
- Fluorimetry
- Flow cytometry
- Cell culture
- Atomic Emission and Absorption
- Chromatographic- HPLC, Gas Chromatography, Gel Filtration, Ion Exchange, Affinity Chromatography
- Thin Layer Chromatography and Extraction Techniques
- Electrophoretic Separation
- ELISA
- RIA
- Enzyme Biology and Enzyme Kinetics
- SDS-PAGE
- Allel Specific PCR
- RFLP-PCR
- Southern Blotting
- Western Blotting
- Spectrophotometry
- And Variety of Biochemical and Genetic Techniques Other

RESEARCH PROJECTS AND THESES

- Study of the effect of docosahexanoic acid on the gene expression of Pentraxin-3, NO synthase and secretion of IL-6 in HUVEC (2017)
- The relationship between leukocyte expression and serum level of genes of PIN-1 and eNOS with hypertension in patients with Alzheimer's (2017)
- Gene Promoter Polymorphism of TNF- α , IL-10 and IFN- γ on the susceptibility of Mycobacterium Tuberculosis (2016)
- Study the effect of docosahexanoic acid on the expression of GM-CSF and TNF- α proteins, and also atherosclerosis related genes in Human Umbilical Vein Endothelial Cells (HUVEC) (2016)
- Relationship between serum levels of Total Sialic Acid, MDA and hs-CRP with Extension of Coronary Artery Disease in Non-smoker and Non-diabetic patients (2016)
- Correlation of micro RNA-4478 and rs1137101 variant of leptin receptor gene with serum levels of leptin receptor selenium copper ischemia modified albumin (IMA) and protein carbonyl in the patients of non-ST-segment elevation myocardial infarction (2014)
- Association of hs-CRP, MDA and lipid profiles with PAI-1 gene polymorphism in patients of coronary artery disease (2014)
- IL-10, IL-6, CCRs Gene Polymorphisms in Multiple Sclerosis patients and control group (2014)
- The relationship between PIN-1 and eNOS genes expression and serum levels with blood pressure in patients with Alzheimer's (2014)
- IL-1 α , IL-1 β , IL-1R Gene Polymorphisms in Multiple Sclerosis patients and control group (2014)
- Comparing of Fibrinogen, Plasmin and Plasminogen serum levels in patient on Non-Smoker with CAD (2014)
- The Heart Risk Factors in Coronary Artery Diseases and its association with kinds of Plasminogen Activator Inhibitor-1 (PAI-1) Gene (2013)
- Association of serum levels of Fibronectin, Leptin and hs-CRP with Coronary Artery Disease Extent (2013)
- Relationship between serum levels of Vitronectin, MDA and hs-CRP with extension of CAD (2012)
- Relationship between serum levels of Plasminogen Activator Inhibitor-1, Ox-LDL and MDA with extension of Coronary Artery Disease (2012)

PRESENTATIONS

- **FatemehKhaki-Khatibi.** (2017). Relationship between serum levels of TSA, MDA and hs-CRP with extension of CAD in Smoker and Diabetic patients. 10th Middle East Cardiovascular Congress of Kish Island-Iran.
- **FatemehKhaki-Khatibi,** Ansar Karimian. (2016). Relationship between serum levels of PAI-1, MDA and hs-CRP in patients with Coronary Artery Disease and Non-diabetic. 14th Iranian Congress of Biochemistry.
- **FatemehKhaki-Khatibi.** (2016). Association of serum levels of PAI-1, MDA and hs-CRP in Non-Smoker and Diabetic patients with CAD. 13 th International Congress of Immunology and Allergy of Iran.
- Sajad Ghorghanlo, Mohamad Asgharzadeh, **FatemehKhaki-Khatibi.** (2015). Composition of 1082G / A single-nucleotide polymorphism of interleukin 10 and susceptibility to tuberculosis in Azeri population of Iran. 7th International Congress of Pulmonary Diseases, Special Care and Tuberculosis.
- Sajad Ghorghanlo, Mohamad Asgharzadeh, **FatemehKhaki-Khatibi.** (2015). Tumor necrosis factor-A 308G/A polymorphism and risk of tuberculosis in azeri population of iran. 16th International Congress of Microbiology of Iran.
- Yaghoob Rahimi, Masoud Darabi, **Fatemeh Khaki-Khatibi.** (2014). Induced pluripotent stem cells therapy for diabetes. The 7th International and 12th national Congress on quality Improvement in Clinical Laboratory April; S (22), P22.
- **Khaki-Khatibi F,** Yaghoobi AR. (2014). Association between Antioxidant Enzymes and hs-CRP in Non-Smoker patients of Vessel Heart Disease (VHD). 12th International Congress of Immunology and Allergy of Iran; 11 (1), 658.
- Reza Pahlavan, **Fatemeh Khaki-Katibi,** Sakhavat Abolhasani, Neda Mahmoodi, Narges Karegar. (2014). Relationship between serum level of Fibronectin with Extension of CAD. 7th International Laboratory and Clinical Congress.
- RezaPahlavan, **Fatemeh Khaki-Katibi,** Sakhavat Abolhasani,Neda Mahmoodi,Narges Karegar. (2014). Relationship between serum level of Leptin with Extension of CAD. 7th International Laboratory and Clinical Congress.
- **Fatemeh Khaki-Katibi,** RezaPahlavan, Sakhavat Abolhasani, Neda Mahmoodi, Narges Karegar. (2014). Relationship between serum level of hs-CRP with Extension of CAD. 7th International Laboratory and Clinical Congress.
- SoheilaGafarzade, **FatemehKhaki-Khatibi,** NazaninBagherlou, Ansar Karimian. (2014). Evaluation of Fibrinogen, Plasmin and Plasminogen plasma levels in Non-smoking patients with CAD. 7th International Laboratory and Clinical Congress.

- **Fatemeh Khaki-Khatibi**, AliReza Yaghoubi. (2013). Study of Antioxidant Enzymes, Lipid Peroxidation, Lipid Profile and Immunologic Factor in CAD in East Azarbijan. 13th Iranian Congress of Biochemistry and 5th International Congress of Biochemistry and Molecular Biology; 316.
- **Khaki-Khatibi F**, Yaghoubi A, Vatankhah A. (2013). Study on the relation between the levels of trace elements and minerals with cardiac ventricular rupture in rats. 3th Iranian Congress of Iran Trace Elements, Kashan, 16 (7).
- Yaghoubi A, **Khaki-Khatibi F**, Imani Sh. (2012). Association between T-786C SNP of endothelial Nitric Oxide synthase gene and level of the vessel dilation factor in patients with CAD. 1st Iranian Cardiovascular Joint Congress; 4 (4).
- **Fatemeh Khaki-Khatibi**, AliReza Yaghoubi. (2012). Study of serum levels of Nitric Oxide, Lipid Peroxidation and Inflammatory Indices in patients with CAD Non-Smoker and Non-Diabetic. 15th Tabriz International Medical Sciences Congress; 22 (1).
- AliReza Yaghoubi, **Fatemeh Khaki-Khatibi**, NosratAllah Zarghami, Mohamad Rahbani. (2012). MDA, Lipid Profile and hs-CRP in patient of Coronary Artery Disease Non-diabetic and Non-Smoker. The 2nd Provincial Congress on Medical Researches.
- Yaghoubi AR, **Khaki-Khatibi F**, Zarghami N, Rahbani M. (2012). Evaluation of hs-CRP, Antioxidant Markers and MDA in patients of CAD containing Non-Smokers and Non-diabetics. 11th International Congress of Immunology and Allergy; 9 (1).
- **Fatemeh Khaki-Khatibi**, AliReza Yaghoubi, NosratAllah Zarghami, Mohamad Rahbani. (2011). Evaluation of hs-CRP, Antioxidant Markers and MDA in patient of CAD containing Non-Smokers and Non-Diabetics. 12th Iranian Congress of Biochemistry and 4th International Congress of Biochemistry and Molecular Biology. 44 (13S).
- **FatemehKhaki-Khatibi**, Alireza Yaghoubi, Nosratallah Zarghami, Mohamad Rahbani. (2011). Evaluation of hs-CRP, antioxidant markers and MDA in patient of CAD containing Non-smokers and Non-diabetics. 12th International Congress of Clinical Biochemistry of Iran.
- Rezayat Parvizi, Mohamad Rahbani, Sosan HasanZade, **Fatemeh Khaki-Khatibi**. (2003). Comparison of pattern of Cardiac Enzymes and serum Troponin I levels after Coronary Bypass Surgery in two ways: Off-Pump and On-Pump. The Third Congress Iranian Society of Cardiac Surgeons (oral).

PUBLISHED PAPERS

- Saeede Karbasforush, Alireza Nourazarian, Masoud Darabi, Reza Rahbarghazi, **Fatemeh Khaki-Khatibi**, Çıgır Biray Avci, Leila Salimi, Bakiye Goker Bagca, Tanaz Novin Bahador, Aysa Rezabakhsh, Majid Khaksar. (2018). Docosahexaenoic acid reversed atherosclerotic changes in human endothelial cells induced by palmitic acid in vitro. *Cell Biochemistry and Function*. 1-9.
- Shiva Alizadeh Nazmi, Alireza Nourazarian, Reza Bahhaj, **Fatemeh Khakikhatibi**. (2018). The Anticancer Effect of *Arctium lappa* and *Glycyrrhiza glabra* on HT-29 Colon Cancer and MCF-7 Breast Cancer Cell Lines. *Crescent Journal of Medical and Biological Sciences*. 5(2):133-137.
- Milad Hasanpour, Alireza Nourazarian, Mohammad Hossein Geranmayeh, Masoud Nikanfar, **Fatemeh Khaki-Khatibi**, Reza Rahbarghazi. (2018). The Dynamics of Neurosteroids and Sex-Related Hormones in the Pathogenesis of Alzheimer's Disease. *Neuro Molecular Medicine*. Review Paper.
- Reza Gholikhani-Darbroud, **Fatemeh Khaki-Khatibi**, Fatemeh Mansouri, Mojgan Hajahmadipoorrafsanjani, Morteza Ghojzadeh. (2018). Increased Circulatory Levels of Ischemia Modified Albumin, Protein Carbonyl, Malondialdehyde and Total Antioxidant Capacity as Prognostic Biomarkers for non-ST-segment Elevation Myocardial Infarction: A ROC Curve Analysis. *Crescent Journal of Medical and Biological Sciences*.
- Gholikhani-Darbroud R, **Khaki-Khatibi F**, Mansouri F, Hajahmadipoorrafsanjani M, Ghojzadeh M. (2017). Decreased circulatory microRNA-4478 as a specific biomarker for diagnosing non-ST-segment elevation myocardial infarction (NSTEMI) and its association with soluble leptin receptor. *Bratisl Med J*. 118(11):684-690.
- Mina Azimi, Masoud Nikanfar, **Fatemeh Khakikhatibi**, Reza Rahbarghazi, Seyed Manuchehr Nourazarian, Cigir Biray Avci, Alireza Nourazarian. (2017). Investigation of gene expression and serum levels of PIN1 and eNOS with high blood pressure in patients with Alzheimer disease. *Journal of Clinical Neuroscience*. 43:77-81.
- Ansar Karimian, Safar Farajnia, Morteza Ghojzadeh, **Fatemeh Khaki-Khatibi**. (2016). The Association between PAI-1 Gene promoter polymorphism and serum serpin E1, MDA, and hs-CRP levels in CAD. *International Cardiovascular Research Journal*. 10(3).
- Ali Reza Yaghoubi, Farank Kargar, **Fatemeh Khaki-Khatibi**. (2016). Association of Fibronectin, Leptin and LDL-oxide serum levels with Coronary Artery Disease in Non-smoker and Non-diabetic patients. *Crescent Journal of Medical and Biological Sciences*.

- **Fatemeh Khaki-Khatibi**, Zahra Sadeghi, Alireza Yaghoubi, Mohamad Reza Ashoori, Reza Pahlavan Gharebaba. (2016). Relationship between serum levels of total Sialic Acid, MDA and hs-CRP with extension of CAD, in Non-smoker and Non-diabetic patients. *Word Journal of Pharmacy and Pharmaceutical sciences*. 5(2).
- Mohammad Asgharzadeh, Sajjad Ghorghanlu, Jalil Rashedi, Behroz Mahdavi poor, **Fatemeh Khaki-Khatibi**, Seyyed Reza Moaddab, Hossein Samadi-Kafil, Mahya Pourostadi. (2016). Association of Promoter Polymorphisms of Interleukin-10 and Interferon-Gamma Genes with Tuberculosis in Azeri Population of Iran. *Iran J Allergy Asthma Immunol*. 15(3):167-173.
- **Fatemeh Khaki-Khatibi**, Neda Mahmodi. (2016). Association of serum levels of MDA and LDL-oxide with the severity of Coronary Artery Disease. *Medical Journal of Alborz University of Medical Sciences*. 5(4):229-235.
- Ali Reza Yaghoubi, Morteza Ghojazadeh, Sakhavat Abolhasani, **Fatemeh Khaki-Khatibi**. (2015). Correlation of serum levels of Vitronectin, Malondialdehyde and hs-CRP in Coronary Artery Disease with Extent of Disease. *J Cardiovasc Thorac Res*.
- Sajjad Ghorghanlu, Mohammad Asgharzadeh, Hossein Samadi-Kafil, **Fatemeh Khaki-Khatibi**, Jalil Rashedi, Behroz Mahdavi poor, Seyyed Reza Moaddab, Mahya Pourostadi. (2015). TNF- α -308 G/A Polymorphism and susceptibility to Tuberculosis in Azeri population of Iran. *Genetika*.
- **Fatemeh Khaki-Khatibi**, Ali Reza Yaghoubi. (2015). Evaluation of serum levels of antioxidant enzymes, MDA and its association with T-786C polymorphism of NO synthase gene in non-diabetic and non-smoker with CAD. *Medical Journal of Tabriz University of Medical Sciences*.
- **Fatemeh Khaki-Khatibi**, Sakhavat Abolhasani. (2015). The study of serum levels of Vitronectin, hs-CRP and its relationship with the extent and severity of coronary artery disease in non-smokers. *Medical Journal of Tabriz University of Medical Sciences*.
- **Fatemeh Khaki-Khatibi**, Ali Reza Yaghoubi. (2015). Relationship of Nitric Oxide Serum Levels and Antioxidant Enzymes in Non-Diabetic Patients with Coronary Heart Disease. *Medical Journal of Tabriz University of Medical Sciences* .
- **Fatemeh Khaki-Khatibi**, Reza Pahlavan, AliReaz Yaghoubi, Asghar Farajzade, Neda Mahmoodi, Sakhavat Abolhasani. (2014). Relationship between serum levels of Fibronectin, Leptin and hs-CRP with Extension of Coronary Artery Disease. *Bulletin of Environment, Pharmacology and Life Sciences (BEPLS)*. 3(7).
- **Fatemeh Khaki-Khatibi**, Neda Mahmoodi, Sakhavat Abolhasani, Reza Pahlavan. (2014). Correlation of Fibrinolysis Marker of plasma Plasminogen Activator Inhibitor

type-1 and Oxidative Stress Parameters in occurrence and progression of Coronary Artery Disease. Bulletin of Environment, Pharmacology and Life Sciences (BEPLS).

- **Fatemeh Khaki-Khatibi**, Morteza Ghojzade, AliReaz Yaghoubi. (2014). Correlation of serum Nitric Oxide and hs-CRP in Non-Smoker and Non-Diabetic patients with CAD. Journal of Advances in Biology. 3(3):242-247.
- **Fatemeh Khaki-Khatibi**, AliReaz Yaghoubi, Mohamad Rahbani Nobar. (2013). Serum levels of Nitric Oxide and Its Relation to Frequency of T-786C Polymorphism of NO Synthase gene in patients with CAD. Medical Journal of Tabriz University of Medical Sciences. 35(3):46-53.
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