

CURRICULUM VITAE



Personal Background

Name: Ebrahim Eftekhar

Date of birth: April 21, 1981

Nationality: Iranian

Sex: Male

Marital status: Married

Number of children: 2

Place of birth: Larestan, Fars province, Iran

Address 1: Department of Biochemistry, Faculty of Medicine, Hormozgan University of Medical Sciences, Bandar Abbas, Iran.

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Education

1. BSc. Degree in Biology, Faculty of Sciences, Razi University, Kermanshah, Iran
2000- 2004.

2. MSc. Degree in Clinical Biochemistry, Urmia University of Medical Sciences, Urmia, Iran 2004- 2007.

3. Ph.D in Clinical Biochemistry, Shiraz University of Medical Sciences, Shiraz, Iran (2007-2012).

Faculty Attendance:

1- 2013 to 2019.4.22: Assistant professor of Clinical Biochemistry, Department of Biochemistry, Faculty of Medicine, Hormozgan University of Medical Sciences, Bandar Abbas, Iran.

2-2019.4.22 to date: Associate professor of Clinical Biochemistry, Department of Biochemistry, Faculty of Medicine, Hormozgan University of Medical Sciences, Bandar Abbas, Iran

3- 2015 to 2017.02: Head of Stem Cell Research Center, Hormozgan University of Medical Sciences, Bandar Abbas, Iran.

4-2017 until now: Head of Molecular Medicine Research Center, Hormozgan Health Institute, Hormozgan University of Medical Sciences, Bandar Abbas, Iran.

5-2016 until now: Co-investigator of Bandar Kong Persian Cohort Study. Website link: <http://persiancohort.com/cohortsites/kong/>

6- 2020.04.27 to date: Covid -19 lab director, Shohada Hospital, Bandar Lengeh, Bandar Abbas, Iran

Publications

1- **Eftekhar E** et al. NCD Risk Factor Collaboration (NCD-RisC). Repositioning of the global epicentre of non-optimal cholesterol. **Nature**. 2020 Jun;582(7810):73-77.

2- **Eftekhar E** et al. Height and body-mass index trajectories of school-aged children and adolescents from 1985 to 2019 in 200 countries and territories: a pooled analysis of 2181 population-based studies with 65 million participants. NCD Risk Factor Collaboration (NCD-RisC). **Lancet**. 2020 7;396(10261):1511-1524.

3- Hassaniyazad M, Inchehsablagh BR, Kamali H, Tousi A, **Eftekhar E**, Jaafari MR, Fathalipour M, Nikoofal-Sahlabadi S, Gouklani H, Alizade H, Nikpoor AR. The clinical effect of Nano micelles containing curcumin as a therapeutic supplement in patients with COVID-19 and the immune responses balance changes following treatment: A structured summary of a study protocol for a randomised controlled trial..Trials. 2020 Oct 22;21(1):876.

4- Soofi M, Pasdar Y, Karami Matin B, Hamzeh B, Rezaei S, Kazemi Karyani A, Moradi Nazar M, Soltani S, Hajizadeh M, Salimi Y, Zangeneh A, Poustchi H, Sharafkhah M, Haghdoost AA, Shirzad Ahoodashti M, Mohammadkarimi V, Aghazadeh- Attari J, Mansour-Ghanaei F, Yazdanbod A, **Eftekhar E**, Rahimi Z, Bahramali E, Moslem A, Jamalizadeh A, Ardakani FE, Zanganeh M, Ahmadi A, Ostadrahimi A,

Tohidinezhad F, Rahimi Kazerooni S, Najafi F. Socioeconomic-related inequalities in oral hygiene behaviors: a cross-sectional analysis of the PERSIAN cohort study. *BMC Oral Health*. 2020, 28;20(1):63.

5- Farshidi H, Sobhani AR, Eslami M, Azarkish F, **Eftekhari E**, Keshavarz M, Soltani N. Magnesium Sulfate Administration in Moderate Coronary Artery Disease Patients Improves Atherosclerotic Risk Factors: A Double-Blind Clinical Trial Study. *J Cardiovasc Pharmacol*. 2020 Sep;76(3):321-328.

6- Sabeti Aghabozorgi A, Moradi Sarabi M, Jafarzadeh-Esfehani R, Koochakkhani S, Hassanzadeh M, Kavousipour S, **Eftekhari E**. Molecular determinants of response to 5-fluorouracil-based chemotherapy in colorectal cancer: The undisputable role of micro-ribonucleic acids. *World J Gastrointest Oncol* 2020 September 15; 12(9): 942-956

7-Sobhani AR , Farshidi H, Azarkish F, Eslami M, **Eftekhari E**, Keshavarz M, Soltani N. Magnesium Sulfate Improves Some Risk Factors for Atherosclerosis in Patients Suffering from One or Two Coronary Artery Diseases: A Double-blind Clinical Trial Study. *Clinical Pharmacology: Advances and Applications*. 2020, 12:159-169.

8- Samari F, Parkhari P, **Eftekhari E**, Mohseni F, Yousefinejad S. Antioxidant, cytotoxic and catalytic degradation efficiency of controllable phyto-synthesised silver nanoparticles with high stability using *Cordia myxa* extract, *Journal of Experimental Nanoscience*, 2019, 14:1, 141-159.

9- Afshoona Z, Bahiraeeb A, Esmaeilic F, Mansouria F, Emamid MA, Montaserie M, Davoodian N, Ebrahimi R, **Eftekhari E**. Study of the relationship between endothelial lipase gene polymorphism and serum levels of HDL-C, Apo A-I and severity of stenosis in non-diabetic coronary artery disease patients. *Gene Reports*. 2020,21

10-Bazsefidpar P, Zolghadri S, Nikpoor AR, **Eftekhari E**, Zareian Jahromi. Anti-proliferative impact of three Schiff base platinum (II) complexes against human breast cancer cell line. *J Res Pharm* 2022; 26(6): 1665-1675.

11-Gozari M, Bahador N, Mortazavi MS, **Eftekhari E**, Jassbi AR. An "olivomycin A" derivative from a sponge-associated *Streptomyces* sp. strain SP 85. *3 Biotech*. 2019 ;9(12):439.

12- Mohammadi-Meskin V, Hamed Y, Heydari-Hengami M, **Eftekhari E**, Shamseddin J, Sharifi-Sarasiabi K. Intestinal Parasitic Infections in Mental Retardation Center of Bandar Abbas, Southern Iran. *Iran J Parasitol*. 2019 Apr-Jun;14(2):318-325.

13- Moosavy SA, Nejatizadeh A, Davoodian P, **Eftekhari E**, Zare SH, Nazarnezhad MA. MicroRNAs Biomarkers Profiling in Diagnosis and Therapeutic Management of Hepatitis B Virus Infection. *J Biochem Tech*. 2018, (2): 117-127.

14- Samari F, Salehipoor H, **Eftekhari E**, Yousefinejad S. Low-temperature biosynthesis of silver nanoparticles using mango leaf extract: catalytic effect, antioxidant properties, anticancer activity and application for colorimetric sensing. *New J. Chem*, 2018,42 (19), 15905-15916.

15- Ghadiri Soufi F, Zonouzi AA, **Eftekhari E**, Kamali K, Aghakhani S, Poursadegh A. The expression of *Drosha*, *DGCR8*, *Dicer* and *Ago-2* genes are upregulated in human umbilical vein endothelial cells under hyperglycemic condition. *Endocrine Regulations*, 2018;52,123–127.

- 16-Rasa F, Naderi N, **Eftekhar E**, Mansoori E, Rahimzadeh M. Vitamin D status in coronary artery disease: association with IL-35 and TGF- β 1 and disease severity. *Endocr Metab Immune Disord Drug Targets*. 2018 Apr 25
- 17-Zargar P, Ghani E, Jalali Mashayekhi F, Ramezani A, **Eftekhar E**. Acriflavine enhances the antitumor activity of the chemotherapeutic drug 5-fluorouracil in colorectal cancer cells. *Oncol Lett*. 2018; 15, 10084-10090.
- 18- Naghibalhossaini F, Shefaghat M, Mansouri A, Jaber H, Tatar M, **Eftekhar E**. The Impact of Thymidylate Synthase and Methylenetetrahydrofolate Reductase Genotypes on Sensitivity to 5-Fluorouracil Treatment in Colorectal Cancer Cells. *Acta Med Iran*. 2017 Dec;55(12):751-758.
- 19- Fahmidehkar MA, Shafiee SM, **Eftekhar E**, Mahbudi L, Seghatoleslam A. Induction of cell proliferation, clonogenicity and cell accumulation in S phase as a consequence of human UBE2Q1 overexpression. *Oncol Lett*. 2016 Sep;12(3):2169-2174.
- 20- **Eftekhar E**, Jaberie H, Naghibalhossaini F. Carcinoembryonic Antigen Expression and Resistance to Radiation and 5-Fluorouracil-Induced Apoptosis and Autophagy. *Int J Mol Cell Med*. 2016 Spring;5(2):80-9.
- 21-**Eftekhar E**, Rasti M, Nahgibalhossaini F, Sadeghi Y. The Study of DNA Methyltransferase-3B Promoter Variant Genotype among Iranian Sporadic Breast Cancer Patients. *Iran J Med Sci*. 2014 May;39(3):268-74.
- 22- Rashidi M, Seghatoleslam A, Namavari M, Amiri A, Fahmidehkar MA, Ramezani A, **Eftekhar E**, Hosseini A, Erfani N, Fakher S. Selective cytotoxicity and apoptosis-induction of *Cyrtopodium scabrum* extract against digestive cancer cell lines. *International Journal of Cancer Management*. 2017, 10 (5), e8633
- 23- Moosavy SH, Davoodian P, Nazarnezhad MA, Nejatizaheh A, **Eftekhar E**, Mahboobi H. Epidemiology, transmission, diagnosis, and outcome of Hepatitis C virus infection. *Electron Physician*. 2017 Oct 25;9(10):5646-5656.
- 24- Kamali K, Korjan ES, **Eftekhar E**, Malekzadeh K, Soufi FG. The role of miR-146a on NF- κ B expression level in human umbilical vein endothelial cells under hyperglycemic condition. *Bratisl Lek Listy*. 2016;117(7):376-80.
- 25- **Eftekhar E**, Zaboli MD, Katebi M, Soufi FG. MicroRNA-146a and its adapter proteins are affected by diabetes in rat's heart. *Bratisl Lek Listy*. 2016;117(3):166-70.
- 26-Namazi MR, Ashraf A, Handjani F, **Eftekhar E**, Kalafi A. Angiotensin converting enzyme activity in alopecia areata. *Enzyme Res*. 2014;69,41-48.
- 27- Hajizadeh MR, **Eftekhar E**, Zal F, Jafarian A, Mostafavi-Pour Z. Mulberry leaf extract attenuates oxidative stress-mediated testosterone depletion in streptozotocin-induced diabetic rats. *Iran J Med Sci*. 2014 Mar;39(2):123-9.
- 28- **Eftekhar E**, Hagirahimkhan A, Taghizadeh Afshari A, Nourooz-Zadeh J. Plasma glutathione peroxidase activity in kidney recipients with and without adverse outcome. *Renal Failure*. 2012;34(5):628-33.

- 29-Ahmadpoor P, **Eftekhar E**, Nourooz-Zadeh J, Servat H, Makhdoomi K, Ghafari A. Glutathione, glutathione-related enzymes, and total antioxidant capacity in patients on maintenance dialysis. *Iran J Kidney Dis.* 2009; 3(1):22-27
- 30- F Naghibalhossaini, K Sayadi, H Jaberie, A Bazargani, **E Eftekhar**, M Hosseinzadeh. Inhibition of CEA release from epithelial cells by lipid a of gram-negative bacteria. *Cellular and Molecular Biology Letters.* 2015;20,374-384.
- 31-**Eftekhar E**, Naghibalhossaini F. Carcinoembryonic antigen expression level as a predictive factor for response to 5-fluorouracil in colorectal cancer. *Mol Biol Rep.* 2014 Jan;41(1):459-66.
- 32- Hajimohammadi B, Raeisi M, **Eftekhar E**, Mohebat R, Saffari A. Studying the effect of *Allium sativum* and *Bunium persicum* essential oils on histamine production in Mahyaveh, an Iranian seasoned fish sauce. *J Food Saf.* 2018, e12590.
- 33- Nazarnezhad M, Moosavy SH, Davoodian P, **Eftekhar E**, Nejatizadeh A, Azad M. The demographic and paraclinical characteristics of patients with hepatitis B presenting to Shahid Mohammadi Hospital and Clinic and other private clinics in Bandar Abbas, Iran. *J Adv Pharm Technol Res.* 2018,9(4):139-146.
- 34- Mohammadi-Meskin V, Hamed Y, Heydari-Hengami M, **Eftekhar E**, Sharifi-Sarasiab Kh. Is the Baermann, an applicable method for detection of *Strongyloides stercoralis*? *Hormozgan Medical Journal.* 2018; 22(2):70-76
- 35- Barooti A, Kamran M, Kharazmi F, **Eftakhar E**, Malekzadeh K, Talebi A, Soltani N .Effect of oral magnesium sulfate administration on blood glucose hemostasis via inhibition of gluconeogenesis and FOXO1 gene expression in liver and muscle in diabetic rats. *Antioxidant and cytotoxic.* 2019,109:1819-1825.
- 36- Gozari M, Bahador N, Jassbi A.R, Mortazavi M.S, **Eftekhar E** . Antioxidant and cytotoxic activities of metabolites produced by a new marine *Streptomyces* sp. isolated from the sea cucumber *Holothuria leucospilota*. *Iranian Journal of Fisher Science* 2018, 7(2), 413-426.
- 37- Kavousipour S, Mohammadi S, **Eftekhar E**, Barazesh M, Morowvat MH. In Silico Investigation of Signal Peptide Sequences to Enhance Secretion of CD44 Nanobodies Expressed in *Escherichia coli*. *Current pharmaceutical biotechnology.* 2021; 22(9): 1192 - 1205
- 38- Polla DL, Farazi Fard MA, Tabatabaei Z, Habibzadeh P, Levchenko OA, Nikuei P, Makrythanasis P, Hussain M, von Hardenberg S, Zeinali S, Fallah MS, Schuurs-Hoeijmakers JHM, Shahzad M, Fatima F, Fatima N, Kaat LD, Bruggenwirth HT, Fleming LR, Condie J, Ploski R, Pollak A, Pilch J, Demina NA, Chukhrova AL, Sergeeva VS, Venselaar H, Masri AT, Hamamy H, Santoni FA, Linda K, Ahmed ZM, Nadif Kasri N, de Brouwer APM, Bergmann AK, Hethy S, Yavarian M, Ansar M, Riazuddin S, Riazuddin S, Silawi M, Ruggeri G, Pirozzi F, **Eftekhar E**, Taghipour Sheshdeh A, Bahramjahan S, Mirzaa GM, Lavrov AV, Antonarakis SE, Faghihi MA, van Bokhoven H. Biallelic variants in TMEM222 cause a new autosomal recessive neurodevelopmental disorder. *Genetics in Medicine.* 2021; **23**, 1246–1254.
- 39- Ghaedi T; Davoodian P; Hassaniazad M; **Eftekhar E** et al. Protective efficacy of Hla-MntC-SACOL0723 fusion protein adjuvanted in alum and MPL against *Staphylococcus aureus* sepsis infection in mice. *Journal of Immunological Methods.* 2021;494:113055

- 40- Esmaeili F; Mansouri E; Emami M; Montazerghaem H; Teshnizi S; Kheirandish M; Koochakkhani Sh; **Eftekhar E**. Association of Serum Level and DNA Methylation Status of Brain-Derived Neurotrophic Factor with the Severity of Coronary Artery Disease. *Indian J Clin Biochem.*2022 Apr;37(2):159-168. doi: 10.1007/s12291-021-00974-1.
- 41- Koochakkhani S; Nabizadeh F; Nejatizadeh A; **Eftekhar E**. Association of methylenetetrahydrofolate reductase (MTHFR) and cystathionine β -synthase (CBS) genes promoter methylation pattern with the risk of essential hypertension. *Meta Gene.*2021:29
- 42- **Eftekhar E** et al. Worldwide trends in hypertension prevalence and progress in treatment and control from 1990 to 2019: a pooled analysis of 1201 population-representative studies with 104 million participants.NCD Risk Factor Collaboration (NCD-RisC). *Lancet.* 2021,11;398(10304):957-980. doi: 10.1016/S0140-6736(21)01330-1.
- 43- Zargar P, Koochakkhani S, Hassanzadeh M, Ashouri Taziani Y, Nasrollahi H, **Eftekhar E**. Downregulation of topoisomerase 1 and 2 with acriflavine sensitizes bladder cancer cells to cisplatin-based chemotherapy.*Mol Biol Rep.* 2022 Jan 28. doi: 10.1007/s11033-021-07087-1.
- 44- Ekhlasiyan A, **Eftekhar E**, et al. The antioxidant and anti-apoptotic properties of vitamins A, C and E in heart tissue of rats exposed to zinc oxide nanoparticles. *Mol Biol Rep.* 2022. doi: 10.1007/s11033-022-08103-8
- 45- Beyranvand S, Davoodian P, Alizade H, Gouklani H, Nejatizadeh A, **Eftekhar E**, Nikpoor AR. Study of frequency and inheritance model of ACE1 I/D and ACE2 rs2285666 polymorphisms in COVID-19 patients with varying severity of lung involvement and its effect on serum cytokines levels. *Cell Biol Int.* 2023;47,731-741.
- 46- Farshidi N, Ghaedi T, Hassaniazad M, **Eftekhar E**, et al. Preparation and pre-clinical evaluation of flagellin-adjuvanted NOM vaccine candidate formulated with Spike protein against SARS-CoV-2 in mouse model. *Microb Pathog.* 2022 Oct;171:105736. doi: 10.1016/j.micpath.2022.105736.
- 47- Ghaemmaghani Z, **Eftekhar E**, Shahbazi R, Nejatizadeh A, Shahmoradi M, Kheirandish M. Pre-diabetes, Diabetes Mellitus and Related Cardio-metabolic Risk Factors in the Southern Coastal Region of Iran Middle-aged and Elderly Population; Bandare-Kong Cohort Study. *Arch Iran Med.* 2022 1;25(7):409-416. doi: 10.34172/aim.2022.68.
- 48- Nejatizadeh A, **Eftekhar E**, et al. Cohort profile: Bandar Kong prospective study of chronic non-communicable diseases. *PLoS One.* 2022 May 12;17(5):e0265388. doi: 10.1371/journal.pone.0265388
- 49- Savareh E, Davoodian N, Mousaviyan R, Ghasemi-Kasman M, Atashabparvar A, **Eftekhar E**. Prenatal Zinc Supplementation Ameliorates Hippocampal Astrocytes Activation and Inflammatory Cytokines Expression Induced by Lipopolysaccharide in a Rat Model of Maternal Immune Activation. *Basic and clinical neuroscience.* 2022; 13 (3) :335-348.
- 50- Moosavy SH; Koochakkhani Sh; Barazesh M; Mohammadi S; Ahmadi Kh; Inchehsablagh B; Kavousipour S; **Eftekhar E**; Mokaram P. In silico Analysis of Single Nucleotide Polymorphisms Associated with MicroRNA Regulating 5-fluorouracil Resistance in Colorectal Cancer. *Letters in Drug Design & Discovery, Volume 19, Number 2, 2022, pp. 144-159(16)*

51- Rahnama B, Ghadiri Soufi F, Koochakkhani Sh, Azarkish F, Farshidi H, Eslami M, Mahmoodi M, Soltani N, **Eftekhar E**. Magnesium Supplementation Affects the Expression of Sirtuin1, Tumor Protein P53 and Endothelial Nitric Oxide Synthase Genes in Patients with Atherosclerosis: A Double-Blind, Randomized, Placebo-Controlled Trial..Indian Journal of Clinical Biochemistry.2023;38,50-66

52- **Eftekhar E** et al. NCD Risk Factor Collaboration (NCD-RisC). Heterogeneous contributions of change in population distribution of body mass index to change in obesity and underweight. *Elife*. 2021 Mar 9;10:e60060. doi: 10.7554/eLife.60060.

53- Ramezani-Jolfaie N, **Eftekhar E**, Dadinasab M, Ghaeini Hesarooeyeh Z, et al. The effect of vitamin D and magnesium supplementation on clinical symptoms and serum inflammatory and oxidative stress markers in patients with COVID-19: a structured summary of a study protocol for a randomized controlled trial. *Trial*.2023;24;87.

54- Bazsefidpar P, **Eftekhar E**, Zareian Jahromi , Nikpoor AR, Eslami Moghadam M, Samaneh Zolghadri . In-vitro cytotoxicity and in-vivo antitumor activity of two platinum complexes with 1,3-dimethyl pentyl glycine ligand against breast cancer. *J Inorg Biochem*.2023;241, 112144

55- **Eftekhar E** et al. NCD Risk Factor Collaboration (NCD-Risc). Diminishing benefits of urban living for children and adolescents' growth and development. *Nature* 2023: 615,874–883.

56- Moradi Sarabi M, Mohammadrezaei Khorramabadi R, Zare Z, **Eftekhar E**. Polyunsaturated fatty acids and DNA methylation in colorectal cancer. *World J Clin Cases*. 2019, 26;7(24):4172-4185.

57- Samimi F, Baazm M, **Eftekhar E**, Rajabi S, Goodarzi MT, Jalali Mashayekhi F. Possible antioxidant mechanism of coenzyme Q10 in diabetes: impact on Sirt1/Nrf2 signaling pathways. *Res Pharm Sci*. 2019 Dec 11;14(6):524-533.

58- Ebrahimi A, Samari F, **Eftekhar E**. et al. Rapid and efficient colorimetric sensing of clindamycin and Fe³⁺ using controllable phyto-synthesized silver/silver chloride nanoparticles by *Syzygium cumini* fruit extract. *J Anal Sci Technol* **13**, 10 (2022). Doi:10.1186/s40543-022-00318-5

59- Koohnavard F, Ahmadi K, **Eftekhar E**, Edalatmanesh MA. Computational screening of FDA-approved drugs to identify potential aromatase receptor inhibitors for polycystic ovary syndrome. *Journal of Biomolecular Structure and Dynamics*. 2023

Oral and Poster Presentation

1-**Eftekhar E**, Naghibalhossaini F. The effect of CEA overexpression on 5-fluorouracil-induced apoptosis and autophagy in colorectal cancer cells. *21st IFCC-EFLM European Congress of Clinical Chemistry and Laboratory Medicine, 2015, Jun 21-25, Paris, France*. (Clin Chem Lab Med 2015; 53, Special Suppl, pp S1 – S1450).

- 2- **Eftekhar E**, ahmadpoor P, Nourooz-zadeh J, Makhdomi K, Gafari A, Servat H, Reshadatjoo M, Ahmadi P. The evaluation of antioxidant defence system in chronic peritoneal dialysis patients. *11th International congress of Nephrology, Dialysis and Transplantation; 2007; Nov 20-23, Tehran, Iran.*
- 3-**Eftekhar E**, ahmadpoor P, Servat H, Gafari A. Glutathione and glutathione-related enzymes in hemodialysis patients. *11th International congress of Nephrology, Dialysis and Transplantation; 2007; Nov 20-23, Tehran, Iran.*
- 4-**Eftekhar E**, Nourooz-zadeh J. pre and post kidney transplantation assessment of serum gamma glutamyle transferase and glutathione reductase. *10th Iranian Congress of Biochemistry and the 3rd International Congress of Biochemistry and Molecular Biology. 2009;Nov 16-19,Tehran,Iran*
- 5- Nourooz-Zadeh J, **Eftekhar E**, Haghparast F,Khademwatan K. Enhanced lipid peroxidation and impaired antioxidant balance in patients with coronary artery disease proven angiographically. *9th Iranian congress of biochemistry and the 2nd International congress of biochemistry and molecular biology; 2007; Oct. 29- Nov, 1, Shiraz, Iran.*
- 6- **Eftekhar E**, Nourooz-Zadeh J, Shaikhy N. Impact of kidney transplantation on circulating glutathione peroxidase activity. *9th Iranian congress of biochemistry and the 2nd International congress of biochemistry and molecular biology; 2007; Oct. 29- Nov, 1,Shiraz , Iran.*
- 7- Nourooz-Zadeh J, Servat H, Khademwatan K, Shaikhi N, **Eftekhar E**. Oxidative stress in patient with hypertention. *9th Iranian congress of biochemistry and the 2nd International congress of biochemistry and molecular biology; 2007; Oct. 29- Nov, 1,Shiraz , Iran.*
- 8- Nourooz – zadeh J, **Eftekhar E**. The effect of immunosuppressive therapy on erythrocyte glutathione level in kidney recipients.*11th International congress of Nephrology, Dialysis and Transplantation; 2007; Nov 20-23, Tehran, Iran.*
- 9- **Eftekhar E**, Hajirahim khan A, Nourooz- zadeh J .A novel spectrophotometric approach for the measurement of submicromolar concentrations of nitrite and nitrate in biological fluids. *12th Iranian congress of biochemistry and the 4nd International congress of biochemistry and molecular biology; 2011; 6-9 Sep, Mashhad, Iran.*
- 10- Rasti M, **Eftekhar E**, Sadeghi M, Mashayekhi F, Naghibalhossaini F. Study of the DNMT3B variant genotype among Iranian sporadic breast cancer in compare with normal individuals. *12th Iranian congress of biochemistry and the 4nd International congress of biochemistry and molecular biology; 2011; 6-9 Sep, Mashhad , Iran.*
- 11- **Eftekhar E**,Naghibalhossaini F, Abdollahi K. The relationship between carcinoembryonic antigen expression and 5-flourouracile resistance in colorectal cancer

cell lines. *12th Iranian congress of biochemistry and the 4nd International congress of biochemistry and molecular biology; 2011; 6-9 Sep, Mashhad, Iran.*

12- Khoshdel Z, Takhshid MA, Mashayekhi F, Rahvar M, **Eftekhar E**, Owji AA. Effect of chronic administration of morphine on the expression of BDNF mRNA in the rat lumbar spinal cord. *12th Iranian congress of biochemistry and the 4nd International congress of biochemistry and molecular biology; 2011; 6-9 Sep, Mashhad, Iran.*

13- **Eftekhar E**, P.Zargar. Effect of acriflavine on the 5-flourouracil sensitivity in colorectal cancer. *22nd IFCC-EFLM European Congress of Clinical Chemistry and Laboratory Medicine. 2017;11-15June.Athen,Greek.*

14- Eftekhar E, Afsharpoor S, Samiei A, Esmaeili F, Emami MA. Association of inflammatory and oxidative stress markers with the severity of stenosis in patients with coronary artery disease. *17th National and 8th International Congress of Biochemistry and Molecular Biology (ICBMB2022), August 23-26,2022, Tehran, Iran.*

15- Rahnama Incheh sablagh B, Koochak khani SH ,Eftekhar E ,Ghadiri Soufi F. Magnesium supplementation effect on the expression of p53 and endothelial nitic oxide synthase genes in patients with atherosclerosis: a clinical trial study. *17th National and 8th International Congress of Biochemistry and Molecular Biology (ICBMB2022), August 23-26,2022, Tehran, Iran.*

16- Esmaeili F , Eftekhar E. Hypermethylation of brain-derived neurotrophic factor is related to the severity of coronary heart disease. *17th National and 8th International Congress of Biochemistry and Molecular Biology (ICBMB2022), August 23-26,2022, Tehran, Iran.*

17- Zargar P , Hassanzadeh M , Koochakkhani SH , Ashouri taziani Y ,Nasrollahi H , Eftekhar E. Digoxin enhanced antitumor property of cisplatin against bladder cancer cell lines. *17th National and 8th International Congress of Biochemistry and Molecular Biology (ICBMB2022), August 23-26,2022, Tehran, Iran.*

Experiences and Skills

A) Laboratory Skills

1- Cell culture techniques

2- Molecular biology techniques including: PCR, RFLP, SSCP, Real time PCR, Transfection with different methods (Electroporation, Calcium phosphate and Lipofectamine) ,Cloning, DNA and RNA extraction from Cell and tissue samples, Primer design, MTT assay

3- Biochemical techniques including: Enzyme activity assay, Oxidative stress, ELISA, Electrophoresis (PAGE, SDS-PAGE, Agarose), Western Blotting

B) Teaching experiences

1- Lecturer, **Metabolism** for MSc students of Clinical Biochemistry, Hormozgan University of Medical Sciences, Bandar Abbas, Iran. 2103 until now.

2- Lecturer, **Molecular Mechanism of diseases** for MSc students of Clinical Biochemistry, Hormozgan University of Medical Sciences, Bandar Abbas, Iran. 2103 until now.

3- Lecturer, **Clinical Biochemistry** for MSc students of Clinical Biochemistry, Hormozgan University of Medical Sciences, Bandar Abbas, Iran. 2103 until now.

4- Lecturer, **Tissue Biochemistry** for MSc students of Clinical Biochemistry, Hormozgan University of Medical Sciences, Bandar Abbas, Iran. 2103 until now.

5- Lecturer, **Biochemistry of Hormones** for MSc students of Clinical Biochemistry, Hormozgan University of Medical Sciences, Bandar Abbas, Iran. 2103 until now.

6- Lecturer, **General Biochemistry** for Medical students, Hormozgan University of Medical Sciences, Bandar Abbas, Iran. 2103 until now.

7- Lecturer, **General Biochemistry** for Dentists students, Hormozgan University of Medical Sciences, Bandar Abbas, Iran. 2103 until now.

8-Lecturer, **Clinical Biochemistry** for BSc students of laboratory science, Hormozgan University of Medical Sciences, Bandar Abbas, Iran. 2103 until now.

9-Lecturer, **Biochemistry of hormones** for BSc students of laboratory science, Hormozgan University of Medical Sciences, Bandar Abbas, Iran. 2103 until now.

10- Lecturer, **Biochemistry** for BSc students of operating room and nursing , Larestan faculty of medical sciences, Lar, Fars, Iran 2008-2009 and 2009-2010.

11-Lecturer, **Clinical Biochemistry** for BSc students of laboratory Sciences, Gerash faculty of medical sciences, Gerash, Fars, Iran 2009-2010.

12- Lecturer, **Lab Biochemistry** for Medical and pharmacy students, Shiraz university of medical sciences, Shiraz, Iran 2008 and 2009.

13- Lecturer, **General Biochemistry** for Pharmacy students, Hormozgan University of Medical Sciences, Bandar Abbas, Iran. 2105 until now.

14- Lecturer, **Clinical Biochemistry** for Pharmacy students, Hormozgan University of Medical Sciences, Bandar Abbas, Iran. 2106 until now.

C) Computing

Microsoft Word, Excel, power point, SPSS, Gene Runner software, Allele ID software, Graphpad Prism software.

Workshop instructor

- 1- PCR and Electrophoresis, Shiraz University of Medical Sciences. 2012,2013,2014,2015
- 2- Cell Culture, Shiraz University of Medical Sciences. 2015
- 3- Transfection of Eukaryotic cell with plasmid DNA with Electroporation and Calcium phosphate Methods, Shiraz University of Medical Sciences. 2012, 2013, 2014
- 4- Transfection of Eukaryotic cell with plasmid DNA with Lipofectamine and Calcium phosphate Methods, Hormozgan University of Medical Sciences. 2014
- 5- PCR and Electrophoresis, Hormozgan University of Medical Sciences. ,2014,2015
- 6- Cell Culture, Hormozgan University of Medical Sciences. 2014,2015, 2019,2020
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