

Curriculum vitae



Mohsen Nikseresht

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Educations:

- 1. Mathematics and physics diploma, 1983**
- 2. Bachelor of chemistry, Shiraz University, 1989**
- 3. Master of clinical biochemistry, Tarbiat Modares University, 1996**
- 4. Ph.D. in the field of clinical biochemistry, Shiraz University of Medical Sciences, 2009**

Academic employment:

- 1. faculty member (lecturer), Yasuj University of Medical Sciences, 1997-2009**
- 2. faculty member (assistant professor), Yasuj University of Medical Sciences, 2009-2015.**
- 3. faculty member (associated professor), Yasuj University of Medical Sciences, 2015 until now.**

Favorite research fields:

Molecular research in the field of cancer especially gynecological cancer, polymorphism and cancer, herbal medicine and cancer.

Research experiences:

PCR, real-time PCR, electrophoresis and blotting, cell culture, immunohistochemistry, flowcytometry, genotyping.

Publications and presentations:

1- Effect of Oral Resveratrol on the BDNF Gene Expression in the Hippocampus of the Rat Brain.

Mostafa Rahvar • **Mohsen Nikseresht** • Sayed Mohammad Shafiee • Fakhraddin Naghibalhossaini • Mozghan Rasti • Mohammad Reza Panjehshahin • Ali Akbar Owji. *Neurochem Res* (2011) 36:761–765.
publisher=Springer US

2. Effect of chronic oral administration of quercetin on the expression levels of mRNA encoding BDNF in the hippocampus of the rat brain.

Rahvar, Mostafa and Khoshdel, Zahra and **Nikseresht, Mohsen** and Borji, Mohammad and Ali, Akbar Owji. *Clinical Biochemistry* (2011) 13, 44(S113)

3- Expression of the novel human gene, UBE2Q1, in breast tumors.

Atefeh Seghatoleslam · **Mohsen Nikseresht** · Sayed Mohammad Shafiee · Ahmad Monabati · Mohammad Mehdi Namavari · Abdolrassul Talei · Akbar Safaei · Ali Akbar Owji
Mol Biol Re (2012) 39 (5), 5135-5141
publisher=Springer Netherlands

4- Overexpression of the novel human gene, UBE2Q2, in breast cancer.

Mohsen Nikseresht, Atefeh Seghatoleslama, Ahmad Monabati, Abdolrassul Talei, Farzaneh Bozorg Ghalati, Ali Akbar Owji.
Cancer Genetics and Cytogenetics 197 (2010) 101e106.

5- Quantitative Analysis of ErbB1 and ErbB2 Genes Amplification by a High

Performance Liquid Chromatography. Mozghan Rasti 1*, Zohreh Honardar 1, **Mohsen Nikseresht** 2, and Aliakbar Owji. Avicenna J Med Biotech 2014; 6(4): 228-237.

5- In Vitro Cytotoxic Activity of Matricaria Chamomilla Root Extract in Human Breast Cancer Cell Line

MCF-7 . Ali Mohammad Kamali, **Mohsen Nikseresht**, Hamdollah Delaviz, Mehrzad Jafari Barmak, Mahsa Servatkah, Maryam Tajali Ardakani, Reza Mahmoudi. Life Science Journal 2014;11(5s).

6- The Novel Human Gene, UBE2Q1, as Down Regulated in Pediatric Acute Lymphoblastic Leukemia.

Atefeh Seghatoleslam, Ahmad Monabati MD2, Farzaneh Bozorg-Ghalati MSc1, **Mohsen Nikseresht** PhD3, Mohammad-Reza

Bordbar MD4, Mostafa Rahvar MSc1, Ali Akbar Owji PhD1 Int J Mol Cell Med Spring 2014; Vol 3 No 2.

7- UBE2Q1 expression in human colorectal tumors and cell lines

Sayed Mohammad Shafiee · Atefeh Seghatoleslam · **Mohsen Nikseresht** ·

Sayed Vahid Hosseini · Mahvash Alizadeh-Naeeni · Akbar Safaei ·

Ali Akbar Owji. Mol Biol Rep (2013) 40:7045–7051.

8- Expression status of UBE2Q2 in colorectal primary tumors and cell lines,

Shafiee, Sayed Mohammad and Seghatoleslam, Atefeh and Nikseresht, Mohsen and Hosseini, Sayed Vahid and Alizadeh-Naeeni, Mahvash and Safaei, Akbar and Owji, Ali Akbar. Iranian journal of medical sciences, 39, 2 Suppl, p196, 2014, Publisher: Shiraz University of Medical Sciences.

9-In Vitro Cytotoxic Activity of Matricaria Chamomilla Root Extract in Human Breast Cancer Cell Line

MCF-7. Kamali, Ali Mohammad and Nikseresht, Mohsen and Delaviz, Hamdollah and Barmak, Mehrzad Jafari and Servatkah, Mahsa and Ardakani, Maryam Tajali and Mahmoudi, Reza. Life Science Journal, 11, 5s, 2014.

10- EFFECTS OF GLP-1 ON Gamma-AMINOBUTYRIC ACID AND SEROTONIN METABOLISM IN SYNAPTOSOMAL FRACTIONS FROM RAT HYPOTHALAMUS AND BRAIN STEM. NIKSERESHT, M and SANAE, F and OUJI, AA and DELAVIZ, HA. 2004. ZAHEDAN JOURNAL OF RESEARCH IN MEDICAL SCIENCES (TABIB-E-SHARGH).

11-Quantitative analysis of ErbB1 and ErbB2 genes amplification by a high performance liquid

chromatography. Rasti, Mozghan and Honardar, Zohreh and Nikseresht, Mohsen and Owji, Aliakbar.

Avicenna journal of medical biotechnology, 6, 4, p228, 2014.

12-Influence of insulin-like growth factor-i on maturation and fertilization rate of immature oocyte and

embryo development in NMRI mouse with TCM199 and alpha-MEM medium. Toori, Mehdi Akbartabar and Mosavi, Esmaeil and Nikseresht, Mohsen and Barmak, Mehrzad Jafari and Mahmoudi, Reza. Journal of clinical and diagnostic research: JCDR, 8, 12, pAC05, 2014.

13- The Nuclear Maturation and Embryo Development of Mice Germinal Vesicle Oocytes with and without Cumulus Cell after Vitrification.

Mohsen Nikseresht1, Mehdi Akbartabar Toori2, Tahere Rasti3, Iraj Ragerdi kashani4, RezaMahmoudi5.

- 14- Polymorphisms of Leptin (-2548 G/A) and Leptin Receptor (Q223R) Genes in Iranian Women with Breast Cancer. Reza Mahmoudi, Bahareh Noori Alavicheh, Mohammad Amin Nazer Mozaffari, Mohammad Fararouei, and Mohsen Nikseresht, *International Journal of Genomics*, 2015, p6, 2015.
- 15- In Vitro Maturation and Embryo Development to blastocyst Mouse Germinal Vesicle Oocytes after Vitriification. Nikseresht, M and Rasti, T and Barmak, M Jafari and Hamidabadi, H Ghasemi and Rezaei, Z and Dehghani, F and Mahmoudi, R. *Armaghane Danesh Bimonthly Journal*, 18, 8, p590—602, 2013.
- 16-Leptin and Pathological Indexes in Women with Breast Cancer. Noori Alavicheh, B and Mahmoudi, REZA and Abidi, H and Azizi, A and Mozaffari, Nazer and Fararoei, MOHAMMAD and Rezaei, ZAHRA and Nikseresht, MOHSEN. *Armaghane danesh*, 20, 3, p220—229, 2015.
- 17- Effects of Pomegranate Seed Oil on the Fertilization Potency of Rat's Sperm. Mohsen Nikseresht, Ali Reza Fallahzadeh, Mehdi Akbartabar Toori, Reza Mahmoudi. *Journal of Clinical and Diagnostic Research*. 2015 Dec, Vol-9(12): FF01-FF04.
- 18- Effects of microwave electromagnetic radiations emitted from common Wi-Fi routers on rats' sperm count and motility. R. Mahmoudi, S.M.J. Mortazavi, S. Safari, M. Nikseresht, H. Mozdarani, M. Jafari, A. Zamani, M. Haghani, M. Davari, A. Tabatabaie, A. Soleimani. **International Journal of Radiation Research, Volume 13, No 4 October 2015.**
- 19- The Effect of bevacizumab and hydroalcoholic Extract of *Matricaria chamomilla* on cell viability and nitric oxide production of the colorectal cancer cell line (HT-29), Danaei, N and Kokhdan, E Panahi and Manzouri, L and Nikseresht, M. *Armaghane Danesh Journal*, 20, 12, p1107—1118, 2016.
- 20- pomegranate seed oil has cytotoxic effects on human breast cancer cell lines: 149/829. Nikseresht, Mohsen and Servatkhah, Mahsa and Mahmoudi, Reza and Fallahzadeh, Ali Reza and Tajali, Maryam. *Annals of Nutrition and Metabolism*, 67, p408, 2015.
- 21- EXPRESSION PATTERN OF COX2 AND HE4 GENES IN HUMAN BREAST CANCER TISSUES}, Nikseresht, M and Mahmoudi, R and Safaei, A and Khademi, R and Shirazi, HR. *INTERNATIONAL JOURNAL OF GYNECOLOGICAL CANCER*. 25, 9, p726—726, 2015.
- 22- THE PROTECTIVE EFFECT OF ELLAGIC ACID ON RATS' OVARIAN FETUS TOXICITY INDUCED BY CYCLOPHOSPHAMIDE. Mousavi, M and JAFARI, BARMAK M and Nikseresht, M and Sadeghi, H and Hedayatpour, A and Abidi, H and Mahmoudi, R. 2015, *ARMAGHAN DANESH*.
- 23-The hydroalcoholic extract of *Matricaria chamomilla* suppresses migration and invasion of human breast cancer MDA-MB-468 and MCF-7 cell lines. Nikseresht, Mohsen and Kamali, Ali Mohammad and Rahimi, Hamid Reza and Delaviz, Hamdollah and Toori, Mehdi Akbartabar and Kashani, Iraj Ragerdi and Mahmoudi, Reza. *Pharmacognosy research*, 9, 1, p87, 2017.

24- Effect of Antioxidants (beta-mercaptoethanol and Cysteamine) on Assisted Reproductive Technology In vitro. Nikseresht, Mohsen and Toori, Mehdi Akbartabar and Rahimi, Hamid Reza and Fallahzadeh, Ali Reza and Kahshani, Iraj Ragerdi and Hashemi, Seyedeh Fatemeh and Bahrami, Solmaz and Mahmoudi, Reza. Journal of clinical and diagnostic research: JCDR, 11, 2, pBC10, 2017.

25- Using curcumin to prevent structural impairments of testicles in rats induced by sodium metabisulfite, Mahmoudi, Reza and Honarmand, Zahra and Karbalay-Doust, Saied and Jafari-Barmak, Mehrzad and Nikseresht, Mohsen and Noorafshan, Ali. EXCLI journal, 16, p583, 2017.

26- Pomegranate Seed Oil Shows Inhibitory Effect on Invasion of Human Breast Cancer Cell Lines. Mahmoudi, Reza and Servatkah, Mahsa and Fallahzadeh, Ali Reza and Abidi, Hassan and Shirazi, Hamid Reza Ghafarian and Delaviz, Hamdollah and Nikseresht, Mohsen. Journal of Clinical & Diagnostic Research, 11, 11, 2017.

27- CHAMOMILE CAN REDUCE THE METASTATIC PROPERTIES OF HUMAN BREAST CANCER CELL LINE THROUGH IMPACT ON VEGF AND MMP ENZYMES ACTIVITY. Nikseresht, M and Mahmoudi, R and Eghlidi, A Sabet and Sane, F. INTERNATIONAL JOURNAL OF GYNECOLOGICAL CANCER, 27, p361—361, 2017.

28- Relationship of SNP rs2645429 in Farnesyl-Diphosphate Farnesyltransferase 1 Gene Promoter with Susceptibility to Lung Cancer. Dehghani, Mehdi and Samani, Zahra and Abidi, Hassan and Manzouri, Leila and Mahmoudi, Reza and Hosseini Teshnizi, Saeed and Nikseresht, Mohsen. International journal of genomics, 2018

29-Association of single nucleotide autophagy-related protein 5 gene polymorphism rs2245214 with susceptibility to non--small cell lung cancer, Nikseresht, Mohsen and Shahverdi, Maryam and Dehghani, Mehdi and Abidi, Hassan and Mahmoudi, Reza and Ghalamfarsa, Ghasem and Manzouri, Leila and Ghavami, Saeid. Journal of cellular biochemistry, 120, 2, p1924—1931, 2019.

30- Using curcumin to prevent structural impairments of testicles in rats induced by sodium metabisulfite, Mahmoudi, Reza and Honarmand, Zahra and Karbalay-Doust, Saied and Jafari-Barmak, Mehrzad and Nikseresht, Mohsen and Noorafshan, Ali. EXCLI journal, 16, p583, 2017.

31- Influence of Insulin-Like Growth Factor-I on Maturation and Fertilization Rate of Immature Oocyte and Embryo Development in NMRI Mouse with TCM199 and α -MEM Medium. Mehdi Akbartabar Toori, Esmail Mosavi, Mohsen Nikseresht, Mehrzad Jafari Barmak, Reza Mahmoudi. Journal of Clinical and Diagnostic Research. 2014 Dec, Vol-8(12): AC05-AC08.

12- اثرات هیپولیپیدمیک عصاره هیدروالکلی گل نر گردو در موش های دیابتی شده نژاد ویستار. کاظم کریم زاده ۱، سید ابراهیم حسینی ۲، الهام کاوسی ۳، علی اصغر نصیحت کن ۴، محسن نیک سرشت . ارمغان دانش، مجله علمی پژوهشی دانشگاه علوم پزشکی یاسوج (دوره ۱۸ ، شماره ۶، مهر ۱۳۹۲) شماره پی در پی.

13- میزان بلوغ و تکوین جنینی تخمک مرحله ژرمینال و زیکول موش به بلاستوسیست پس از انجماد شیشه ای. محسن نیک سرشت ۱، طاهره راستی ۲، مهرزاد جعفری برمک ۱، هاتف قاسمی حمید آبادی ۳، زهرا رضایی ۱، فاطمه دهقانی ۱، رضا محمودی. ارمغان دانش، مجله علمی پژوهشی دانشگاه علوم پزشکی یاسوج (دوره ۱۸ ، شماره ۸، آذر ۱۳۹۲) شماره پی در پی.

- 14- تأثیر روغن دانه انار بر تکثیر رده های سلولی MCF-7 و MDA-MB468 سرطان پستان انسان. مهسا ثروت خواه، رضا محمودی، علی محمد کمالی، مریم تجلی، مهرزاد جعفری برمک، محسن نیک سرشت*. ارمنان دانش، بهمن ماه (3131 شماره 39).
- 15- اثر فاکتور شبه انسولینی -1، سیستتامین و بتا مرکاپتو اتانول بر تکامل آزمایشگاهی تخمک نابالغ موش سوری. علیرضا دهقان منشادی، مهتاب رستمی حسینخانی، محسن نیک سرشت، عظیم هدایت پور، مهدی اکبری تبار توری، صدرالله محرابی، رضا محمودی. ارمنان دانش، مجله علمی پژوهشی دانشگاه علوم پزشکی یاسوج، دوره 20، شماره 8، آبان 94، (شماره پی در پی 103)

Abstracts:

- 1- Effect of chronic oral administration of quercetin on the expression levels of mRNA encoding BDNF in the hippocampus of the rat brain.
Mostafa Rahvar, Zahra Khoshdel, **Mohsen Nikseresht**, Mohammad Borji, Akbar Owji Ali.
10.1016/j.clinbiochem.2011.08.27. کنگره بیوشیمی مشهد سال 90
- 2- The new human gene, UBE2Q1, with putative ubiquitin conjugating enzyme activity is down-regulated in Acute Lymphoblastic Leukemia (ALL).
Seghatoleslam Atefeh, Monabbati Ahmad, Bozorg-Ghalati Farzaneh, Owji Aliakbar, **Nikseresht Mohsen**.
10.1016/j.clinbiochem.2011.08.161. کنگره بیوشیمی مشهد سال 90
- 3- The human novel gene, UBE2Q1, is expressed in human colorectal cancer cell lines and overexpressed in colorectal cancer tissue.
Shafiee Sayed Mohammad, Seghatoleslam Atefeh, **Nikseresht Mohsen**, Alizadeh Naeeni Mahvash, Monabati Ahmad, Owji Aliakbar.
10.1016/j.clinbiochem.2011.08.149. کنگره بیوشیمی مشهد سال 90
- 4- Pomegranate seed oil increases epididymal sperm concentration and upregulates testosterone in male rats. Poster Presentation at the 4th Asia Pacific COGI-BCGIP Congress which will be held in Bangkok, Thailand, November 24-27, 2011.
- 5- PRELIMINARY CHARACTERIZATION OF A NOVEL HUMAN GENE, UBE2Q1, OVER-EXPRESSED IN BREAST CANCER TISSUES.
Poster presentation in IFCC-WorldLab Berlin 2011.
- 6- Pomegranate seed oil can improve fertilization potency of rat's sperm.
Poster presentation in ISMAAR 2012, Copenhagen, Denmark, 4-6 May 2012.
7. Oral presentation in
18th World Congress on Controversies in Obstetrics, Gynecology & Infertility (COGI) October 24-27, 2013, Vienna, Austria *All about Women's Health*
8. CHAMOMILE CAN REDUCE THE METASTATIC PROPERTIES OF HUMAN BREAST CANCER CELL LINE THROUGH IMPACT ON VEGF AND MMP ENZYMES ACTIVITY M. Nikseresht, R. Mahmoudi, A. Sabet Eghlidi, F. Sane.
20th International Meeting of the European Society of Gynaecological Oncology
Vienna, Austria November 4-7, 2017
9. Pomegranate seed oil has cytotoxic effects on human breast cancer cell lines. Mohsen Nikseresht; Mahsa Servatkah; Reza Mahmoudi; Ali Reza Fallahzadeh; Maryam Tajali.
12th European Nutrition Conference (FENS) Berlin, Germany, October 20-23, 2015
10. EXPRESSION PATTERN OF COX2 AND HE4 GENES IN HUMAN BREAST CANCER TISSUES
M. Nikseresht1, R. Mahmoudi, A. Safaei, R. Khademi, H.R. Ghafarian Shirazi.
19th International Meeting of the European Society of Gynaecological Oncology (ESGO 2015) October 24-27, 2015 Nice, France

