

IN THE NAME OF GOD

RESUME

I. PERSONAL INFORMATION:

NAME: Maryam Hormozi

E-mail: Maryamhormozi@yahoo.com

II. EDUCATIONAL RECORDS:

1. B.Sc: 1994, Biology (cellular and molecular), University of Tehran, Tehran, Iran
2. M.Sc: 1997, Clinical Biochemistry, Department of Biochemistry, Iran University of Medical Sciences, Tehran, Iran
3. Ph.D: 2011, Clinical Biochemistry, Department of Biochemistry, Iran University of Medical Sciences, Tehran, Iran

III. ACADEMIC EXPERIENCES:

Lecturer and researcher from 1995 to now.

IV. MEMBERSHIP OF SCIENTIFIC SOCIETIES.

Iranian Biochemistry Science Society

Iranian Society for Reproduction Med

V. PROFESSIONAL EXPERIENCES:

- Real Time-PCR analysis
- Western blot analysis
- Laboratory animal (especially nude mice)
- Culture cell

VI. RESEARCH INTERESTS:

- Molecular techniques
- Cancer
- Wound healing
- Angiogenesis

VII. RESEARCH PUBLICATIONS: (Please check my research publications with name of article because my last name writing with various spell)

1. Karkhane M, Lashgarian HE, **Hormozi M**, Fallahi S, Cheraghipour K, Marzban A. Oncogenesis and Tumor Inhibition by MicroRNAs and its Potential Therapeutic Applications: A Systematic Review. *Microna*. 2020;9:1-18
2. **Maryam Hormozi**, Shadie Ghoreishi , Parastoo Baharvand. Astaxanthin induces apoptosis and increases activity of antioxidant enzymes in LS-180 cell. *Artificial cell nanomedicine and biotechnology* 2019;47(1):891-895

3. **Maryam Hormozi**, Parastoo Baharvand Aschilla bibersteinii Afan may Inhibit Scar Formation: In Vitro Study. *Phytedomine* 2019; 49:1-8
4. **Parastoo Baharvand, Maryam Hormozi** *.Can parents' educational level and occupation affect perceived parental support and metabolic control in adolescents with type 1 diabetes? *Journal of Education and Health Promotion* 2019; : 1-8
5. **Maryam Hormozi**, Mohammadreza Gholami, Ayda Babaniazi and Anneh Mohammad Gharravi. Calendula officinalis stimulate proliferation of mouse embryonic fibroblasts via expression of growth factors TGFβ1 and bFGF. *Inflammation and Regeneration*. 2019;39(7):1-7
6. Parastoo Baharvand, **Maryam Hormozi***, KHatereh Anbari. Mental Health and Related Factors in Physicians Working in Hospitals: A Study in Western Iran in 2016. *WORLD FAMILY MEDICINE/MIDDLE EAST JOURNAL OF FAMILY MEDICINE* 2018;16(4):85-89
7. **Maryam Hormozi**, Bahavrvand Parstoo. **Comparative evaluation of various antioxidant properties of ethanolic and methanolic extracts of Achillea biebersteinii Afan**. *Yafteh*. 2018; 20 (3) :1-8
8. **Maryam Hormozi**, Raheleh Assaei, Mandana Beigi Boroujeni. **The effect of aloe vera on the expression of wound healing factors (TGFβ1 and bFGF) in mouse embryonic fibroblastcell: invitro study**. *Biomedicine & Pharmacotherapy*. 2017; 88:610-616
9. **Maryam Hormozi**, Saeed Talebi, Hamid Reza Khormram Khorshid, Amir Hassan Zarnani, Koorosh Kamali, Mahmood Jeddi-tehrani, Ladan Hosseinigohari, , Haleh Soltanghoraei, Mohammad Mehdi Akhondi. **The effect of Setarud (IMODTM) on angiogenesis in transplanted human ovarian tissue to nude mice**. *Iranian Journal of Reproductive Medicine* 2015, Vol 13, No 10; Page(s) 605-614

10. mehrnoosh Moghaddasi, **maryam Hormozi**, bahram Delfan, majid Taati, soheila Pourkhodad, maryam Rezaei , leila Tavazo. The effects of olive leaf extract on corticosterone and dihydroepiandrosterone hormones after inducing cerebral hypoperfusion in male rats. *Yafteh*. 2015; 17 (2) :42-50
11. Hasan Ahmadvand , Ali Khosrowbeygi, Gholamreza Shahsavari, Maryam Hormozi, Foad Abdollahpour , Shahrokh Bagheri. The effects of sodium selenite on serum lipid profile and atherogenic indexes in diabetic rats. *Yafteh*. 2015; 16 (4) :36-43
12. Hassan Ahmadvand, Majid Tavafi, Ali Khosrowbeygi, Gholamreza Shahsavari, **Maryam Hormozi**, Khadijeh Beyranvand, Shahrokh Bagheri and Foad Abdollahpour. **Amelioration of lipid peroxidation in vivo and in vitro by Satureja khuzestanica essential oil in alloxan-induced diabetic rat**. *Journal of Diabetes & Metabolic Disorders* 2014, Vol 13, No 119, Page(s)
13. GHAEMIMANESH F., RABBANI H.A., AHMADIAN GH.R., ZARNANI A.H., BEHMANESH M., **HORMOZI M.** EXPRESSION PROFILE OF NEUROTENSIN RECEPTORS IN OVARIAN CANCER CELL LINES. *IRANIAN JOURNAL OF BIOLOGY* 2013 , Volume 25 , Number 4; Page(s) 474 to 483
14. **Maryam Hormozi**, Saeed Talebi, Amir Hassan Zarnani, Mahmood Jeddi-tehrani, Ladan Hosseini Gohari , Haleh Soltanghoraei, Mina Jafarabadi, Mohammad Mehdi Akhondi. 5´-(N-Ethylcarboxamido) adenosine (NECA) improves angiogenesis in transplanted human ovarian tissue. *Fertility and sterility*, (English), 2011, 30;95(8):2560-2563
15. **Maryam Hormozi**, Mehdi Akbarpour, Ladan Hosseini Gohari , Mahnaz Heidari , Sheida Salehkhoo , Mahmood Jeddi-Tehrani , Amir Hassan Zarnani , Mohsen Firouzray , Mohammad Mehdi Akhondi. Common Techniques for Preserving

Fertility in Girls and Young women. Journal of Reproduction &. Infertility.(review article);Apr-Jun2011, Vol. 12 Issue 2, p169

16. **Maryam Hormozi**, The relationship between Body mass index and HDL concentration. Yafteh, (Farsi) Vol. 4, No.15, Spring 2003, pp19-24
17. **Maryam Hormozi**, The study of nutritional status of lactating mothers referred to health. centers of Khorramabad. Yafteh, (Farsi) Vol. 4, No.12, Spring 2002, pp49-54
18. **Maryam Hormozi**, The relationship between nutrients and biochemistry factors in breast milk. Yafteh, (Farsi) Vol. 4, No.13, Summer 2002, pp7-12
19. **Maryam Hormozi**, Measurement of HDL subgroups with two methods electrophoresis and precipitation.. Yafteh, (Farsi), Vol. 3, No.10, Autumn 2001, pp. 15-20.
20. **Maryam Hormozi**, Effect of exercise on plasma lipoprotein pattern. Yafteh, (Farsi) Vol. 1, No.3, Winter 2000, pp. 27-30.

VIII. LIST OF PAPERS PRESENTED IN CONGRESSES AND SEMINARS:

- a. Apoptotic effects Hydroxytyrosol on LS-180 cells. 12th International Congress of Medical Lab.and Clinc. Shahid Beheshti University of Medical Sciences. 12-14 Des 2019

- b. Effect of Astaxanthin on Apoptosis and Antioxidant Enzymes Activity in colorectal cancer HCT-116 cells. 12th International Congress of Medical Lab.and Clinc. 12-14 Des 2019
- c. Comparative Evaluation of phytochemicals and antioxidant properties of ethanol and methanol extracts of calendula officinalis. International Congress of Medical Lab.and Clinc. 12-14 Des 2019
- d. The effect of aloe vera on the expression of TGFβ1 and bFGF in mouse embryonic fibroblasts. 14th Iranian Congress of Biochemistry. 16-18 August 2016
- e. The effect of SETARUD (IMODTM) on angiogenesis in transplanted human ovarian tissue Nude mice. The 11th Iranian Congress of Anatomical Sciences AJUMS, Ahvaz, IRAN 19-21 Feb 2014
- f. The effect of 5'-(N-Ethylcarboxamido) adenosine (NECA) on expression of VEGF amd angiopoieitn in the human ovarian cortex after transplantation of nude mice. 12th Iranian Congress of biochemistry and 4th International Congree of Biochemistry and Molecular Biology. 6-9 Sep 2011 Mashad, Iran
- g. The effect of 5'-(N-Ethylcarboxamido) adenosine (NECA) o angiogenesis in transplanted human ovarian tissue. 4th Yazd International congress and Student Award in Reproductive Medicine. 15-17 April,2011 Yazd, Iran
- h. Evaluation of the fertility preservation techniques in girls and young women with cancer. The 1th Congress on Fertility Preservation , Jan 13-14 ,2010 Tehran Iran

- i. Study of biochemical components in the milk lactating women referred to health centers of Khorramabad. Annual Congress of Pathology, 26-31 October, 2002 Tehran, Iran
- j. Study of nutritional status of female athletes and unauthentic of Tehran University students. The 5th Congress Nutrition, 13-16 September, 1999 Tehran, Iran
- k. Evaluation of HDL and its subgroups in female athletic and non athletic students. Congress of Biochemistry. 7-9 September, 1999, Orumieh, Iran
- l. Measurement of HDL and its subgroups in female athletes and non athletes students. Congress and the retraining of Medical Biochemistry. 16-20 September, 1995, Tehran, Iran

IX. COURSES TAUGHT:

I taught biochemistry different courses such as medical students, laboratory science students, nursing, midwife, occupational health, environmental health, family health.

X. Projects:

1. The study of the effects of Hydroxytyrosol on expression of genes involved in apoptosis and oxidative stress by H₂O₂ in BE(2)-C human neuroblastoma cell line
2. The effect of Hydroxytyrosol on expression of genes involved in apoptosis and activity of antioxidant enzymes in colorectal cancer cell lines (LS-180 and HCT-116)
3. The effect of Astaxanthin on expression of genes involved in apoptosis and activity of antioxidant enzymes in colorectal cancer cell lines (LS-180 and HCT-116)

4. The effect of calendula officinalis extract on expression proliferation and angiogenic factors (bFGF and TFG β 1) on gene and protein expression in fibroblast cell .
5. The effect of aloe vera gel on expression proliferation and angiogenic factors (bFGF and TFG β 1) on gene and protein expression in fibroblast cell
6. Analysis of the effects of the adenosine, Angipars and IMOD on apoptosis, expression of the angiogenesis growth factors (VEGF, angiopoietin) and angiogenesis in human ovary cortex after transplantation to nude mice. Finished
7. Relationship between nutrient intakes with biochemical factors in milk of nursing mothers in khorramabad city. Supervisor. Finished
8. Study of hyperlipidemia prevalence in Khorramabad city. Collaboraor. Finished
9. Measurement of HDL subgroups by two methods: electrophoresis and precipitation in the female athletic and non-athletic students. Finished