

Maryam Zolghadr, M.D.

Assistant Professor of OB and GYN, Shiraz University of Medical Sciences 2021 to current.

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Personal Information

Place and Date of Birth: Born in Shiraz, Iran 1983.

Nationality: Iranian

Marital status: Married

Areas of Expertise include:

- Stem Cells
- Tissue Engineering
- Regenerative medicine
- Cancer
- Medical Nanotechnology
- Molecular dynamics simulation

EDUCATION

Shahid Beheshti University of Medical Sciences, Tehran, Iran. (2007 – 2015)

Grade Point Average: 17.5/20

Thesis Title:

Advisor: Professor Hassan Niknezhad

Honors student, moving straight into specialty training.

Shiraz University of Medical Sciences, Shiraz, Iran. (2015 – 2019)

Graduated with an OB and GYN speciality from the Shiraz University of Medical Sciences, and became Iranian board certificated 2019.

Thesis Title: Preventive effects of curcumin and dehydrated amniotic membranes on postoperative peritoneal adhesion in rat uterine horn model.

Thesis Advisor: Professor Alamtaj Samsami

PROFESSIONAL ACTIVITIES

- Head of the OB & GYN department at the Hafez hospital since 2020.
- Chief resident of OB and GYN, for Shiraz University of Medical Sciences, 2015-2019.
 - Managed infection control and principles of sterility in the operation room course.
 - Collaborated on the establishment of the Low-Risk Delivery center at Zeinabieh Hospital. Commitment to *ethics recognized* by a letter from the head of the Zeinabieh Hospital.
 - Prepared and modified educational course for the OB & GYN department.
 - Collaborated with the Shiraz University department of treatment for supplying human resources.
- Member of the Nanomedicine and Tissue Engineering Research center under the supervision of professor Niknezhad and professor Peyravi (2012-2015).
 - Collaborated with several Ph.D.s and M.S.C.s on different projects. Some of the results of this collaboration were published as a scientific paper.
- Conduct research activity on infertility at the research center of Zeinabieh Hospital.
- Conduct research activity at Mohammad Rasool Allah research tower.

Manager experience and a member of different group :

- I. Manager of Ebda' va Enteghal Danesh company since 1998.

- II. Board of directors, science and research of PAPNJA fars science and Technology Park since 2004.
- III. Member of exceptional talents organization.

Participated at various Conferences:

- I. Participation in a retraining program of the OB & GYN group.
- II. Participation in national perinatology conferences.
- III. Participation in the 6th Asian congress of endometriosis.
- IV. Participation in traditional medicine approach and recent Haley findings in abnormal uterine bleeding.
- V. Participation in Shiraz clinical oncology.
- VI. Participation at biosensor and biomarkers design.

Workshops:

- I) Workshop on promoting Breastfeeding Awareness at Shiraz University.
- II) Lecture on Ectopic Pregnancy at the Shiraz University Medical Sciences Virtual School.
- III) Participation at the first workshop of molecular modeling of Nano bio-systems.
- IV) Participation at work, autopsy, and biopsy in laboratory animals.

Technical Skills (Experience):

- 1) Cell culture.
- 2) Tissue culture.
- 3) PCR (Real-Time, RT PCR, Multiplex PCR).
- 4) Molecular dynamics simulation of biological systems.
- 5) Certificate of principles of work, autopsy, and biopsy in laboratory animals.

PUBLICATIONS

Refereed Journals:

- 1) Robati, M., Hosseini, M., Zolghadr, M., Momtahan, M., & Najib, F. S. (2019). Chronic Uterine Inversion Secondary to Uterine Sarcoma: A Case Report. *Middle East Journal of Cancer*, 10(2), 156-159.
- 2) Modaresifar, K., Azizian, S., Zolghadr, M., Moravvej, H., Ahmadiani, A., & Niknejad, H. (2017). The effect of cryopreservation on anti-cancer activity of human amniotic membrane. *Cryobiology*, 74, 61-67.
- 3) Zolghadr, m., Modaresifar, k., Azizian, s., & Niknejad, h. (2017). Evaluating the Effects of Fresh and Cryopreserved Amniotic Membrane on Viability of hela and mda-mb-231 Cancer Cells and Angiogenesis of Rat Aorta Ring.

Working Papers:

- 1) Bahador.N, Zolghadr.M, Dehdashti.M, Poordast.T Study on the relationship between uterine endometrial bacteria with miR-122 and miR-145 expression levels present in the plasma of infertile women with endometriosis.
- 2) Samsami. A, Moradi.SH, Zolghadr. M, Hashemi. A, Restrospective analysis of 200 consecutive cases of placenta accrete spectrum from a single tertiary care center.
- 3) Samsami. A, Zolghadr. M, Tanideh.N, Preventive effects of curcumin and dehydrated amniotic membranes on postoperative peritoneal adhesion in rat uterine horn model.
- 4) Bahador.N, Zolghadr.M, Dehdashti.M, Poordast.T Correlation of the relationship between endometrial microbiota with endometriosis and infertility

- 5) Bahador.N, Zolghadr.M, Dehdashti.M, Poordast.T Study on the relationship between uterine endometrial bacteria with miR-31 expression level present in the plasma of infertile women with endometriosis.
- 6) Bahador.N, Zolghadr.M, Dehdashti.M, Poordast.T Correlation miR-122 and miR-145 expression levels in the plasma of infertile women with endometriosis.