

# Curriculum Vitae



## Personal

**Family name:** Amani

**First name:** Dawar

**Gender:** Male

**Place of birth:** Ardabil, I.R.Iran

**Date of birth:** 27 / 5 / 1965

**Marital status:** Married with two kids

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## Educational background

1. **B.Sc.** in Biological Sciences from Faculty of Sciences, Tabriz University in 1987, Tabriz, I.R.Iran
2. **M.Sc.** in Immunology from Faculty of Medical Sciences, Tarbiat Modarres University in 1994, Tehran, I.R.Iran.
3. **PhD** in Immunology from Faculty of Medical Sciences, Shiraz University of Medical Sciences in 2004, Shiraz-I.R.Iran
4. **PhD** complementary fellowship, Department of human Genetic, Graduate School of Biomedical Sciences, Nagasaki University, Nagasaki, Japan

## M.Sc Thesis

Studies on Tumor Associated Macrophages (TAM) in Human Breast Cancer by Flowcytometry.

## PhD Thesis

Molecular Analysis of Transforming Growth Factor- $\beta$ 1(TGF- $\beta$ 1)Gene in Normal Iranian Population and Patients with Recurrent Spontaneous Abortion(RSA).

## PhD complementary fellowship

1. Sequencing of Transforming Growth Factor- $\beta$ 1(TGF-  $\beta$ 1) gene in women with Recurrent Spontaneous Abortion
2. Sequencing of Transforming Growth Factor- $\beta$ 1(TGF-  $\beta$ 1) gene in women with Breast Cancer
3. Sequencing of Indolamine 2, 3 Dioxygenase (IDO) gene in women with Recurrent Spontaneous Abortion

## Technical Experiences

I have experiences with the following techniques:

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|--------------------------|---|
| 1. Cell Culture          | 8. RNA Extraction from Blood and Tissue |
| 2. Protein Purification  | 9. Polymerase Chain Reaction (PCR)      |
| 3. Flowcytometry         | 10. PCR - RFLP                          |
| 4. Immunoelectrophoresis | 11. PCR - SSCP                          |
| 5. ELISA                 | 12. PCR - ARMS                          |

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|-----------------------|---------------------------------|
| 6. Immunofluorescence | 13. Ion Exchange Chromatography |
| 7. DNA Extraction     | 14. Automated Sequencing        |

### Scientific Society Membership

Iranian Society for Immunology and Allergy

Board of directors of Iranian Society for Immunology and Allergy since 2008

### Bibliography and International congress presentation

1. Barghi MR, Rahjoo T, Borghei M, Hosseini-Moghaddam SM, **Amani D**, Farrokhi B.(2012) Association between the evidence of human papilloma virus infection in bladder transitional cell carcinoma in men and cervical dysplasia in their spouses. *Arch Iran Med. Sep*;15(9):572-4.
2. Erfani N, Mofakhami Mehrabadi S, Ghayumic MA, Haghshenasa MR, Mojtahedi Z, Ghaderi A, **Amani D**, (2012) Increase of regulatory T cells in metastatic stage and CTLA-4 over expression in lymphocytes of patients with non-small cell lung cancer (NSCLC). *Lung Canc*;r Aug;77(2):306-11.
3. Feizollahzadeh S, Taheripanah R, Khani M, Farokhi B, **Amani D** . (2012) Promoter region polymorphisms in the transforming growth factor beta-1 (TGFβ1) gene and serum TGFβ1 concentration in preeclamptic and control Iranian women. *Journal of Reproductive Immunology* 94 216– 221.
4. **Amani D**, Ravangard F, Niikawa N, Yoshiurab K, Karimzadeh M, Samsami-Dehaghani A, Ghaderi A, (2011) Coding region polymorphisms in the indoleamine 2,3-dioxygenase(INDO) gene and recurrent spontaneous abortion, *Journal of Reproductive Immunology* 88 42–47.
5. **Amani D**, Farjadian S, Ghaderi A. (2008)The frequency of transforming growth factor-beta1 gene polymorphisms in a normal southern Iranian population. *Int J Immunogenet. Apr*;35(2):145-51.
6. Naeimi S, Ghiam AF, Mojtahedi Z, Dehaghani AS, **Amani D**, Ghaderi A.(2006) Interleukin-18 gene promoter polymorphisms and recurrent spontaneous abortion. *Eur J Obstet Gynecol Reprod Biol. Sep-Oct*;128(1-2):5-9.
7. **Amani D**, et al.,(2005) Lack of association of the TGF-β1 gene polymorphisms with recurrent spontaneous abortion, *Journal of Reproductive Immunology* 68:91-103.
8. **Amani D**, et al.,(2004) The promoter region (-800, -509) polymorphisms of transforming growth factor-β1(TGF-β1) gene and recurrent spontaneous abortion, *Journal of Reproductive Immunology* 62, 159-166.
9. **Amani D**, et al., (2005) Flow cytometric Analysis of Tumor Associated Macrophages (TAM) in Invasive Ductal Carcinoma of Breast, *Iranian Journal of Immunology* 2(2):117-122.
10. Farazmand S, **Amani D**, et al., (2005) Investigation on NK cells Population in Peripheral Blood and Tumor Lesion of Patients with Breast Cancer, *Iranian Journal of Immunology* 2(3)152-157.
11. **Oral presentation** of the promoter region -509C→T polymorphism of transforming growth factor-β1 (TGF- β1) gene and recurrent spontaneous abortion, presented at the

4th Congress of European Society for Reproductive and Developmental Immunology, Rhades, Greece, June 2003.

12. **Poster presentation** of The promoter region -800G→A polymorphism of transforming growth factor-β1(TGF- β1) gene and recurrent spontaneous abortion, presented at the 4th Congress of European Society for Reproductive and Developmental Immunology, Rhades, Greece, June 2003.
13. **Poster Presentation** of Lack of association between the TGF- β1 gene polymorphisms and recurrent spontaneous abortion. Presented at 5<sup>th</sup> congress of the ESRADI, University of Essex, Colchester, England, and 11-15<sup>th</sup> September, 2005.
14. **Oral Presentation** of The promoter region (-800, -509) polymorphisms of TGF- β1 gene and recurrent spontaneous abortion , presented at sixth Royan international research award's scientific congress ,Tehran ,Iran, September 2005.
15. **Oral Presentation** of Studies on Association of the TGF- β1 gene polymorphisms with recurrent spontaneous abortion. Presented at 8<sup>th</sup> Iranian congress of Allergy and Immunology, Tehran, Iran ,May 2006.
16. **Oral Presentation** of Serum levels and coding region polymorphisms of TGF- β1 gene and pre-eclampsia, Presented at 9<sup>th</sup> Iranian congress of Allergy and Immunology, Tehran, Iran ,June 2008.
17. **Poster Presentation of** Serum levels and Promoter region polymorphisms of TGF- β1 gene and pre-eclampsia, Presented at 9<sup>th</sup> Iranian congress of Allergy and Immunology, Tehran, Iran ,June 2008.

#### **Bibliography and congress presentation in Persian**

1. Mosafferri M, Ebrahim K, Arab Narmi Z, **Amani D,(2012)**Effects of acute coenzyme Q10 supplementation on serum TNF-α concentration during maximal exercise. *Research and Scientific Journal of Ardabil Uni. of Med. Sci (Farsi).*( in press)
1. **Amani D, et al ., (2007).** Immunophenotyping of Tumor Infiltrating Lymphocytes(TILs) in Human Breast Cancer. *Research and Scientific Journal of Ardabil Uni. of Med. Sci. Winter 352(7):352-344(Farsi) .*
2. **Amani D. (1997)** The Contrasting Roles of CD4+ T cells in Intracellular Infection in Human:Leishmaniasis as an Example ,*Gozidei az Tazehaye Pezeshki,vol2 no1.(Farsi)*
3. **Oral Presentation** of “Tumor Infiltrating Macrophages in Human Breast Cancer by Flow cytometry”in 8<sup>th</sup> international congress of geographical medicine & 3<sup>rd</sup> Iranian congress of Immunology & Allergy in 1995 Shiraz. I.R. Iran.
4. **Oral Presentation of** “Flow Cytometric Analysis of Peripheral Blood Monocytes of Patients With Breast Cancer” in 9<sup>th</sup> International congress of geographical medicine ‘oncology ‘ In 1996, Shiraz. I.R.Iran.
5. **Oral presentation** of”Studies on Tumor Associated Macrophages in Human Breast Cancer by Flowcytometry” in 3<sup>rd</sup> Iranian congress of Biochemistry & Laboratory Sciences 1996 Tabriz. I.R.Iran.

6. **Poster presentation** “Effects of Enzymatic Treatment on Cell Surface Markers of Peripheral Mononuclear Cells” in 4<sup>th</sup> International Iranian congress of Allergy and Immunology 1998 Isfahan. I.R.Iran.
7. **Amani D.** and Hassan ZM. 1998 Immune Status of Iranian soldiers that suffered from Sulfur Mustard in War, a project that supported by Health Ministry.
8. **Amani D.** and Hassan ZM. 1998 Studies on Chromosomal Abnormality of Iranian soldiers that suffered from Sulfur Mustard in War, a project that supported by Health Ministry.

### **Other Scientific Activity**

I have certificate from following workshops:

1. First Iranian workshop of Medical Education”Education for Educator” 1999 Tehran Health Ministry of I.R. Iran
2. Third Iranian workshop of Medical Education 1998, Isfahan I.R. Iran
3. Elementary workshop of Medical Education
4. Elementary workshop of Research Method