

In the Name of God

Curriculum Vitae



**CURRICULUM VITAE**

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## **Academic Position:**

Professor in Medical Immunology

## **Publications: Articles**

1. Altered expression of miR-125a and dysregulated cytokines in systemic lupus erythematosus: Unveiling diagnostic and prognostic markers.

Alsbihawi TQ, Zare Ebrahimabad M, Seyedhosseini FS, Davoodi H, Abdolahi N, Nazari A, Mohammadi S, **Yazdani Y**. World J Exp Med. 2023 Dec 20;13(5):102-114

2. More Related Gene Pathways to Vincristine-Induced Death Events in a Human T-Acute Lymphoblastic Leukemia Cell Line.

Rashidbaghan A, Mostafaie A, **Yazdani Y**, Mansouri K. Rep Biochem Mol Biol. 2022 Jan;10(4):554-564.

3. Genetic variation in CYP1A1 and AHRR genes increase the risk of systemic lupus erythematosus and exacerbate disease severity in smoker patients.

Saghaeian Jazi M, Mohammadi S, Zare Ebrahimabad M, Sedighi S, Abdolahi N, Tabarraei A, **Yazdani Y**. J Biochem Mol Toxicol. 2021 Dec;35(12):e22916.

4. The expansion of CD14<sup>+</sup> CD163<sup>+</sup> subpopulation of monocytes and myeloid cells-associated cytokine imbalance; candidate diagnostic biomarkers for celiac disease (CD).

Babania O, Mohammadi S, Yaghoubi E, Sohrabi A, Sadat Seyedhosseini F, Abdolahi N, **Yazdani Y**. J Clin Lab Anal. 2021 Oct;35(10):e23984

5. Association of salivary physicochemical characteristics and peptide levels with dental caries in children. Ramezani J, Khaligh MR, Ansari G, **Yazdani Y**, Mohammadi S. J Indian Soc Pedod Prev Dent. 2021 Apr-Jun;39(2):189-195.

6. The Agglutinin of Common Nettle (*Urtica dioica* L.) Plant Effects on Gene Expression Related to Apoptosis of Human Acute Myeloid Leukemia Cell Line.

Rashidbaghan A, Mostafaie A, **Yazdani Y**, Mansouri K. *Biochem Genet.* 2021 Aug;59(4):1049-1064.

7. Association of serum levels and receptor genes BsmI, TaqI and FokI polymorphisms of vitamin D with the severity of multiple sclerosis. Moosavi E, Rafiei A, **Yazdani Y**, Eslami M, Saeedi M. *J Clin Neurosci.* 2021 Feb;84:75-81.

8. *Urtica dioica* agglutinin (a plant lectin) has a caspase-dependent apoptosis induction effect on the acute lymphoblastic leukemia cell line. Rashidbaghan A, Mostafaie A, **Yazdani Y**, Mansouri K. *Cell Mol Biol (Noisy-le-grand).* 2020 Sep 30;66(6):121-126.

9. Effect of indole-3-carbinol on transcriptional profiling of wound-healing genes in macrophages of systemic lupus erythematosus patients: an RNA sequencing assay.

Eghbalpour F, Aghaei M, Ebrahimi M, Tahsili MR, Gosalipour M, Mohammadi S, **Yazdani Y**. *Lupus.* 2020 Jul;29(8):954-963.

10. Immune responses modulation by curcumin and allergen encapsulated into PLGA nanoparticles in mice model of rhinitis allergic through sublingual immunotherapy.

Shahgordi S, Sankian M, **Yazdani Y**, Mashayekhi K, Hasan Ayati S, Sadeghi M, Saeidi M, Hashemi M. *Int Immunopharmacol.* 2020 Jul;84:106525.

11. Encapsulation of Leflunomide (LFD) in a novel niosomal formulation facilitated its delivery to THP-1 monocytic cells and enhanced Aryl hydrocarbon receptor (AhR) nuclear translocation and activation. Hasani M, Sani NA, Khodabakhshi B, Arabi MS, Mohammadi S, **Yazdani Y**. *Daru.* 2019 Dec;27(2):635-644.

12. Enhanced nuclear translocation and activation of aryl hydrocarbon receptor (AhR) in THP-1 monocytic cell line by a novel niosomal formulation of indole-3-carbinol.

Abbaspour Sani N, Hasani M, Kianmehr A, Mohammadi S, Sheikh Arabi M, **Yazdani Y**. J Liposome Res. 2020 Jun;30(2):117-125

13. Interleukin 10 gene promoter polymorphisms (rs1800896, rs1800871 and rs1800872) and haplotypes are associated with the activity of systemic lupus erythematosus and IL10 levels in an Iranian population. Mohammadi S, Saghaeian Jazi M, Zare Ebrahimabad M, Eghbalpour F, Abdolahi N, Tabarraei A, **Yazdani Y**. Int J Immunogenet. 2019 Feb;46(1):20-30.

14. Immunoregulatory effects of indole-3-carbinol on monocyte-derived macrophages in systemic lupus erythematosus: A crucial role for aryl hydrocarbon receptor.

Mohammadi S, Memarian A, Sedighi S, Behnampour N, **Yazdani Y**. Autoimmunity. 2018 Aug;51(5):199-209

15. Investigating Effect of Rapamycin and Metformin on Angiogenesis in Hepatocellular Carcinoma Cell Line. Rastegar M, Marjani HA, **Yazdani Y**, Shahbazi M, Golalipour M, Farazmandfar T. Adv Pharm Bull. 2018 Mar;8(1):63-68

16. Th1-Th17 Ratio as a New Insight in Rheumatoid Arthritis Disease.

Bazzazi H, Aghaei M, Memarian A, Asgarian-Omran H, Behnampour N, **Yazdani Y**. Iran J Allergy Asthma Immunol. 2018 Feb;17(1):68-77.

17. Indole-3-carbinol induces G1 cell cycle arrest and apoptosis through aryl hydrocarbon receptor in THP-1 monocytic cell line. Mohammadi S, Seyedhosseini FS, Behnampour N, **Yazdani Y**. J Recept Signal Transduct Res. 2017 Oct;37(5):506-514.

18. Effects of berberine on the secretion of cytokines and expression of genes involved in cell cycle regulation in THP-1 monocytic cell line. Mohammadi S, Seyedhoseini FS, Asadi J, **Yazdani Y**. Iran J Basic Med Sci. 2017 May;20(5):530-537

19. Expression Analysis of Previously Verified Fecal and Plasma Down-regulated MicroRNAs (miR-4478, 1295-3p, 142-3p and 26a-5p), in FFPE Tissue Samples of CRC Patients.

Ghanbari R, Rezasoltani S, Hashemi J, Mohamadkhani A, Tahmasebifar A, Arefian E, Mobarra N, Asadi J, Nazemalhosseini Mojarad E, **Yazdani Y**, Knuutila S, Malekzadeh R. Arch Iran Med. 2017 Feb;20(2):92-95.

20. RISK pathway is involved in oxytocin postconditioning in isolated rat heart.

Polshekan M, Jamialahmadi K, Khori V, Alizadeh AM, Saeidi M, Ghayour-Mobarhan M, Jand Y, Ghahremani MH, **Yazdani Y**. Peptides. 2016 Dec;86:55-62.

21. Effects of valproic acid and pioglitazone on cell cycle progression and proliferation of T-cell acute lymphoblastic leukemia Jurkat cells. Jazi MS, Mohammadi S, **Yazdani Y**, Sedighi S, Memarian A, Aghaei M. Iran J Basic Med Sci. 2016 Jul;19(7):779-86

22: Roohi A, **Yazdani Y**, Khoshnoodi J, Jazayeri SM, Carman W F, Chamankhah M, Rashedan M, Shokri F. Differential Reactivity of Mouse Monoclonal Anti-HBs Antibodies with Recombinant Mutant HBs Antigens. World J Gastroenterol 2006 ;12 (33) :5368-5374.

**23: Yazdani Y**, Roohi A, Khoshnoodi J, Shokri F. Development of a Sensitive Enzyme-Linked Immunosorbent Assay for Detection of Hepatitis B Surface Antigen Using Novel Monoclonal Antibodies. Avicenna J Med Biotech 2010; 2(4): 207-214

24: **Yaghoub Yazdani**, Hamid M.M Sadeghi, Mohammad H Alimohammadian, Alireza Andalib, Fatemeh Moazen and Abbas Rezaei. Expression of an innate immune element (mouse Hecpidin-1) in baculovirus expression system and comparison of its function with synthetic human Hecpidin-25. Iran J Pharm Res 2011, 10 (3): 559-568.

25: **Yazdani Y**, Keyhanvar N, Kalhor HR, Rezaei A. Functional analyses of recombinant mouse hepcidin-1 in cell culture and animal model. Biotechnol Lett. 2013; 35(8):1191-7.

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29. Safdari Y, Khalili M, Farajnia S, Asgharzadeh M, **Yazdani Y**, Sadeghi M. Recent advances in head and neck squamous cell carcinoma - A review. *Clin Biochem*. 2014; 47(13-14):1195-1202.
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33. Erfani-Moghadam V, Nomani A, Zamani M, **Yazdani Y**, Najafi F, Sadeghizadeh M. A novel diblock of copolymer of (monomethoxy poly [ethylene glycol]-oleate) with a small hydrophobic fraction to make stable micelles/polymersomes for curcumin delivery to cancer cells. *Int J Nanomedicine*. 2014; 28(9):5541-54.
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37. Mostafa Mir, **Yaghoob Yazdani**, Jahanbakhsh Asadi, Alireza Khoshbin Khoshnazar. H2AX as a Biosimeter in Radiation Workers; A Survey on the Possibility of Utilizing . *Iranian journal of medical physics* 2015; 12(1):14-21.
38. Reza Ghanbari, Neda Mosakhani, Jahanbakhsh Asadi, Nazila Nouraei, Seyed Javad Mowla, **Yaghoob Yazdani**, Ashraf Mohamadkhani, Hossein Poustchi, Sakari Knuutila, Reza Malekzadeh. Downregulation of Plasma MiR-142-3p and MiR-26a-5p in Patients with Colorectal Carcinoma. *Iranian Journal of Cancer Prevention/2015; 8(3):2329*.
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43. **Yaghoub Yazdani**, Saeed Mohammadi, Mehdi Yousefi, Fazel Shokri. Preliminary Assessment of Various Additives on the Specific Reactivity of Anti- rHBsAg Monoclonal Antibodies. *Avicenna J Med Biotechnol*. 2015 Oct-Dec;7(4):145-50.
44. **Yazdani Y**, Farazmandfar T, Azadeh H, Zekavatian Z. The prognostic effect of PTEN expression status in colorectal cancer development and evaluation of factors affecting it: miR-21 and promoter methylation. *J Biomed Sci*. 2016 Jan 19;23(1):9.
45. **Yaghoub Yazdani** , Shahram Azari and Hamid Reza Kalhor. Expression of Functional Recombinant Human Tissue Transglutaminase (TG2) Using the Bac-to-Bac Baculovirus Expression System. *Adv Pharm Bull*, 2016, 6(1), 49-56

**Research interests:**

Evaluation of immune system in auto immune disease

Production of monoclonal and polyclonal antibodies

Purification, Stabilizing and conjugation antibodies with HRP enzyme and Biotin

Cloning of recombinant peptides in eukaryotic expression systems

Evaluation of protein expression in biologic systems

Standardization of animal infectious models

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