

Curriculum Vitae

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Place of Birth: Iran

Position: Professor of Nephrology.

Work address: Kidney Research Center, Tabriz University of Medical Sciences, Tabriz, Iran

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Qualifications

Baccalaureate degree: Iran 1985

MD degree (general practitioner): Kermanshah University-Iran 1985- 1992

Internal medicine speciality: Tehran University -Iran 1992-1996

Sub-speciality in Nephrology: Tehran University-Iran 1998-2000

One year Fellowship of Renal Transplant Immunology: Mario-Negri Institute of Pharmacological research, Bergamo, Italy: 2010-2011

Awards and Honors

1. Award of Best Abstract Presented by Young Authors, European Renal Association-European Dialysis and Transplant Association (ERA-EDTA) XLIV congress, Istanbul, Turkey: 4-7 June 2005
2. Award of Best Abstract Presented by Young Authors, European Renal Association-European Dialysis and Transplant Association (ERA-EDTA) XLIV congress, Barcelona, Spain: 2007
3. Award of Best Clinical researcher, Tabriz University of Medical Sciences, Tabriz, Iran: 2007

4. Award of Best Clinical researcher, Tabriz University of Medical Sciences, Tabriz, Iran: 2008
5. Award of the first position young researcher in the field of Nephrology at the 4th “the great Avicenna research festival.” Urology and nephrology research center, Shaheed Beheshti University of medical Sciences, Tehran, Iran: December 2008.
6. Award of Best Clinical researcher, Tabriz University of Medical Sciences, Tabriz, Iran: 2009
7. Award of Best Clinical researcher, Tabriz University of Medical Sciences, Tabriz, Iran: 2010
8. Awardee of the second round of Razi research festival, Teheran, Iran: 2010
9. Award of best clinical researcher in East-Azerbaijan province: 2010

Memberships and other positions

1. Member of European Renal Association (ERA-EDTA)
2. Corresponding member of American society of Nephrology
3. Member of international society of nephrology
4. Member of meddle east society of organ transplantation
5. Member of Iranian society of nephrology
6. Founder and head of peritoneal dialysis center in Tabriz University of Medical Sciences, Tabriz, Iran
7. member of History and ethic of Medicine Research Canter in Tabriz University of Medical Sciences, Tabriz, Iran
8. Director of Nephrology research team, Tabriz University of Medical Sciences, Tabriz, Iran
9. Member of pulmonary & Tuberculosis Research Centre, Tabriz University of medical Sciences, Tabriz, Iran
10. Member of Immunology Research Centre, Tabriz University of medical sciences, Tabriz, Iran.
11. Member of Stem cell Research Centre, Tabriz University of medical sciences, Tabriz, Iran
12. Editor-in-chief of Medical journal of Tabriz university of medical Sciences, Tabriz, Iran (Persian language)
13. Associate editor of Nephrology Urology Monthly

14. Associate editor of “biomedicine international journal”
15. Editorial board of “World journal of Nephrology”
16. Editorial board of “Journal of Nephropathology”

Languages: English, Russian, Italian, Persian, Turkish, Kurdish

PUBLICATIONS

1. Esmailnejad A, Zununi Vahed S, Hejazian SM, Aslanabadi N, Lotfollahhi Gharakhanlu H, Saraei M, Ahmadzadehpournaky A, Ardalan K, Ardalan M, Ghaffari Babil S. Effectiveness of edaravone in preventing contrast-induced nephropathy in high-risk patients undergoing coronary angiography: A randomized, double-blind trial. *Pharmacology Research & Perspectives*. 2024 Aug;12(4):e1228.
2. Farzamikia N, Hejazian SM, Mostafavi S, Baradaran B, Vahed SZ, Ardalan M. Podocyte-specific proteins in urinary extracellular vesicles of patients with IgA nephropathy: Vasorin and ceruloplasmin. *BioImpacts*. 2024 May 1;14(3).
3. Bagheri Y, Ahmadian E, Hejazian SM, Raeesi M, Ardalan M. The effect of fingolimod on renal ischemia/reperfusion injury in a rat model. *Current Molecular Pharmacology*. 2023 Aug 25.
4. Ebrat E, Hejazian SM, Ahmadian E, Vahed SZ, Mobasser M, Ardalan M. The possible association of IL-6R gene polymorphisms in the development of diabetic nephropathy. *Current Diabetes Reviews*. 2024 Oct 1;20(8):55-9.
5. Hosseiniyan Khatibi SM, Najjarian F, Homaei Rad H, Ardalan M, Teshnehlab M, Zununi Vahed S, Pirmoradi S. Key therapeutic targets implicated at the early stage of hepatocellular carcinoma identified through machine-learning approaches. *Scientific reports*. 2023 Mar 7;13(1):3840.
6. Anvarifard P, Ostadrahimi A, Ardalan M, Anbari M, Ghoreishi Z. The effects of propolis on pro-oxidant–antioxidant balance, glycemic control, and quality of life in chronic kidney disease: a randomized, double-blind, placebo-controlled trial. *Scientific Reports*. 2023 Jun 19;13(1):9884.
7. Montazersaheb S, Jafari S, Aytemir MD, Ahmadian E, Ardalan M, Zor M, Nasibova A, Monirifar A, Aghdasi S. The synergistic effects of betanin and radiotherapy in a prostate cancer cell line: an in vitro study. *Molecular Biology Reports*. 2023 Nov;50(11):9307-14.

8. Hejazian SM, Ardalan M, Hosseiniyan Khatibi SM, Rahbar Saadat Y, Barzegari A, Gueguen V, Meddahi-Pellé A, Anagnostou F, Zununi Vahed S, Pavon-Djavid G. Biofactors regulating mitochondrial function and dynamics in podocytes and podocytopathies. *Journal of Cellular Physiology*. 2023 Oct;238(10):2206-27.
9. Sani A, Movalled K, Kamanaj A, Hassannezhad S, Hosseinfard H, Rashidi Y, Ghojzadeh M, Niknafs B, Vahed SZ, Ardalan M. Interventions for decreasing the risk of recurrent IgA nephropathy: A systematic review and meta-analysis. *Transplant Immunology*. 2023 Oct 1;80:101878.
10. Anvarifard P, Anbari M, Ostadrahimi A, Ardalan M, Ghoreishi Z. Effects of Iranian propolis on renal function, prooxidant-antioxidant balance, metabolic status, and quality of life in patients with chronic kidney disease: A study protocol of an ongoing randomized, double-blind, placebo-controlled clinical trial. *Contemporary Clinical Trials Communications*. 2023 Aug 1;34:101159.
11. Ardalan M, Moslemi M, Pakmehr A, Vahed SZ, Khalaji A, Moslemi H, Vahedi A. TTP-like syndrome and its relationship with complement activation in critically ill patients with COVID-19: A cross-sectional study. *Heliyon*. 2023 Jun 1;9(6).
12. Hosseini K, Beirami SM, Forouhandeh H, Vahed SZ, Eyvazi S, Ramazani F, Tarhriz V, Ardalan M. The role of circadian gene timeless in gastrointestinal cancers. *Gene Reports*. 2023 Mar 1;30:101722.
13. Teymouri S, Pourbayram Kaleybar S, Hejazian SS, Hejazian SM, Ansarin K, Ardalan M, Zununi Vahed S. The effect of Fingolimod on patients with moderate to severe COVID-19. *Pharmacology Research & Perspectives*. 2023 Feb;11(1):e01039.
14. Mahmoodpoor F, Hosseini SH, Ahmadian E, Ardalan M, Kamali K, Zununi Vahed S, Sardari S, Khavasi N. The Histopathological Evaluation of the Effects of Capparis spinosa Seed Hydroalcoholic Extract on Cisplatin-induced-Nephrotoxicity in Rats. *Journal of Advances in Medical and Biomedical Research*. 2023 Jan 10;31(144):73-9.
15. Vahed SZ, Niknafs B, Noshad H, Tolouian R, Shoja MM, Tolouian AC, Ardalan M. Renal transplantation in a patient with MHY9-related disease; a case report. *Journal of Nephropathology*. 2020;9(3).
16. Rahbar Saadat Y, Hosseiniyan Khatibi SM, Sani A, Zununi Vahed S, Ardalan M. Ischemic tubular injury: oxygen-sensitive signals and metabolic reprogramming. *Inflammopharmacology*. 2023 Aug;31(4):1657-69.
17. Hagh EJ, Mousavi A, Hejazian SM, Hagh M, Esfahanian S, Ahmadian E, Vahed SZ, Ardalan M. The Impact of Single Nucleotide Polymorphisms on the Pharmacokinetics of

Tacrolimus in Kidney Allograft Recipients of Northern-West, Iran. *Advanced Pharmaceutical Bulletin*. 2023 Mar;13(2):393.

18. Farnood F, Hejazian SM, Boostani K, Mardomi A, Ardalan M. Recurrence of rare disease after kidney transplant. *Journal of Nephro pharmacology*. 2022 Nov 22;12(1):e10519-.

19. Jahangiri D, Ardalan M, Mubarak M, Alimohammadi S, Jahantigh HR, Saeifar S. Crescentic glomerulonephritis in a man with a history of methamphetamine abuse; a possible cause for concern.

20. Hejazian SM, Rahbar Saadat Y, Hosseiniyan Khatibi SM, Farnood F, Farzamikia N, Hejazian SS, Batoumchi S, Shoja MM, Zununi Vahed S, Ardalan M. Circular RNAs as novel biomarkers in glomerular diseases. *Archives of Physiology and Biochemistry*. 2023 May 16:1-3.

21. Jahangiri D, Ardalan M, Mubarak M, Alimohammadi S, Jahantigh HR, Saeifar S. Acute antibody-mediated rejection of kidney allograft; mind the fibrin thrombi. *Journal of Renal Injury Prevention*. 2023 Jun;12(2).

22. Hosseiniyan Khatibi SM, Rahbar Saadat Y, Hejazian SM, Sharifi S, Ardalan M, Teshnehlab M, Zununi Vahed S, Pirmoradi S. Decoding the Possible Molecular Mechanisms in Pediatric Wilms Tumor and Rhabdoid Tumor of the Kidney through Machine Learning Approaches. *Fetal and Pediatric Pathology*. 2023 Nov 2;42(6):825-44.

23. Mardomi A, KarajiBani M, Farnood F, Vahed SZ, Ardalan M. The frequency of peripheral PD-1+ TCD4+ cells is reversely associated with serum creatinine levels in recipients of kidney allografts. *Transplant Immunology*. 2023 Dec 1;81:101946.

24. Anvarifard P, Anbari M, Ostadrahimi A, Ardalan M, Ghoreishi Z. A comprehensive insight into the molecular and cellular mechanisms of the effects of Propolis on preserving renal function: a systematic review. *Nutrition & Metabolism*. 2022 Jan 20;19(1):6.

25. Ardalan M, Hosseiniyan Khatibi SM, Rahbar Saadat Y, Bastami M, Nariman-Saleh-Fam Z, Abediazar S, et al. Migrasomes and exosomes; different types of messaging vesicles in podocytes. *Cell Biol Int*. 2022;46(1):52-62.

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35. Mardomi A, Naderi SB, Vahed SZ, Ardalan M. New insights on the monitoring of solid-organ allografts based on immune cell signatures. *Transpl Immunol*. 2022;70.
36. Mikaeili H, Taghizadieh A, Nazemiyeh M, Rezaeifar P, Zununi Vahed S, Safiri S, et al. The early start of hemoperfusion decreases the mortality rate among severe COVID-19 patients: A preliminary study. *Hemodial Int*. 2021.
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38. Noori M, Nejadghaderi SA, Sullman MJM, Carson-Chahhoud K, Ardalan M, Kolahi AA, et al. A Review on the Possible Pathophysiology of Potassium Abnormalities in COVID-19. *Iran J Kidney Dis*. 2021;15(6):397-407.
39. Noori M, Nejadghaderi SA, Sullman MJM, Carson-Chahhoud K, Ardalan M, Kolahi AA, et al. How SARS-CoV-2 might affect potassium balance via impairing epithelial sodium channels? *Mol Biol Rep*. 2021;48(9):6655-61.

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41. Vahed SZ, Ahmadian E, Foroughi P, Mostafavi S, Madry H, Ardalan M, et al. Vitamin d receptor and vitamin d binding protein gene polymorphisms are associated with renal allograft outcome. *Nutrients*. 2021;13(4).
42. Vahed SZ, Asadi Y, Farnood F, Alimirzaloo M, Hashemi SSR, Niknafs B, et al. The pattern of peri-hilar and hilar arterial branching in kidney allografts of living donors. *Journal of renal injury prevention*. 2021;10(3):1-5.
43. Vahed SZ, Ghiyasvand S, Khatibi SMH, Patel B, Shoja MM, Tolouian R, et al. Sphingosine 1 phosphate agonists (SPI): A potential agent to prevent acute lung injury in COVID-19. *Immunopathol Persa*. 2021;7(1).
44. Zununi Vahed S, Hosseiniyan Khatibi SM, Ahmadian E, Ardalan M. Targeting chronic COVID-19 lung injury; Tofacitinib can be used against tissue-resident memory T cells. *Biomed Pharmacother*. 2022;147.
45. Zununi Vahed S, Rahbar Saadat Y, Ardalan M. Thrombotic microangiopathy during pregnancy. *Microvasc Res*. 2021;138.
46. Vahed SZ, Cremaschi A, Zaker B, Hashemi SSR, Ardalan M. ADAMTS13 gene; a novel splicing site mutation in a case with thrombotic thrombocytopenic purpura. *Journal of Nephroarmacology*. 2021;10(2).
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48. Ebrahimzadeh Attari V, Maddah A, Shahveghar Asl Z, Jalili M, Ardalan MR, Mokari S. The association of serum uromodulin with allograft function and risk of urinary tract infection in kidney transplant recipients. *J Renal Inj Prev*. 2021;10(1):e02-e.
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50. Tolouian R, Vahed SZ, Ghiyasvand S, Tolouian A, Ardalan M. COVID-19 interactions with angiotensin-converting enzyme 2 (ACE2) and the kinin system; looking at a potential treatment. *Journal of Renal Injury Prevention*. 2020;9(2).
51. Safiri S, Kolahi AA, Mansournia MA, Almasi-Hashiani A, Ashrafi-Asgarabad A, Sullman MJM, et al. The burden of kidney cancer and its attributable risk factors in 195 countries and territories, 1990–2017. *Scientific Reports*. 2020;10(1).

52. Rahbar Saadat Y, Niknafs B, Hosseiniyan Khatibi SM, Ardalan M, Majdi H, Bahmanpour Z, et al. Gut microbiota; an overlooked effect of phosphate binders. *European Journal of Pharmacology*. 2020;868.
53. Rahbar Saadat Y, Hosseiniyan Khatibi SM, Ardalan M, Barzegari A, Zununi Vahed S. Molecular pathophysiology of acute kidney injury: The role of sirtuins and their interactions with other macromolecular players. *Journal of Cellular Physiology*. 2020.
54. Rahbar Saadat Y, Hejazian SM, Nariman-Saleh-Fam Z, Bastami M, Poursheikhani A, M. Shoja M, et al. Glucocorticoid receptors and their upstream epigenetic regulators in adults with steroid-resistant nephrotic syndrome. *BioFactors*. 2020.
55. Hosseiniyan Khatibi SM, Ardalan M, Abediazar S, Zununi Vahed S. The impact of steroids on the injured podocytes in nephrotic syndrome. *Journal of Steroid Biochemistry and Molecular Biology*. 2020;196.
56. Hejazian SM, Zununi Vahed S, Moghaddas Sani H, Nariman-Saleh-Fam Z, Bastami M, Hosseiniyan Khatibi SM, et al. Steroid-resistant nephrotic syndrome: pharmacogenetics and epigenetic points and views. *Expert Review of Clinical Pharmacology*. 2020;13(2):147-56.
57. Hejazian SM, Rahbar Saadat Y, Bahmanpour Z, Hosseiniyan Khatibi SM, Ardalan M, Zununi Vahed S. Dicer and Drosha expression in patients with nephrotic syndrome. *BioFactors*. 2020;46(4):645-52.
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59. Hejazian SM, Ardalan M, Shoja MM, Samadi N, Vahed SZ. Expression levels of mir-30c and mir-186 in adult patients with membranous glomerulonephritis and focal segmental glomerulosclerosis. *International Journal of Nephrology and Renovascular Disease*. 2020;13:193-201.
60. Eftekhari A, Vahed SZ, Kavetsky T, Rameshrad M, Jafari S, Chodari L, et al. Cell junction proteins: Crossing the glomerular filtration barrier in diabetic nephropathy. *International Journal of Biological Macromolecules*. 2020;148:475-82.
61. Eftekhari A, Dizaj SM, Sharifi S, Salatin S, Saadat YR, Vahed SZ, et al. The use of nanomaterials in tissue engineering for cartilage regeneration; current approaches and future perspectives. *International Journal of Molecular Sciences*. 2020;21(2).
62. Attari VE, Shahvegharasl Z, Fathalizadeh P, Pourasghary S, Shoja MM, Niknafs B, et al. The association of serum dephosphorylated-uncarboxylated matrix gamma

carboxyglutamate protein (DP-UCMGP) as a marker of vascular vitamin K status with allograft function in kidney transplant recipients. *Journal of Nephropathology*. 2020;9(3).

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64. Ahmadian E, Rahbar Saadat Y, Hosseiniyan Khatibi SM, Nariman-Saleh-Fam Z, Bastami M, Zununi Vahed F, et al. Pre-Eclampsia: Microbiota possibly playing a role. *Pharmacological Research*. 2020;155.

65. Ahmadian E, Hosseiniyan Khatibi SM, Razi Soofiyani S, Abediazar S, Shoja MM, Ardalan M, et al. Covid-19 and kidney injury: Pathophysiology and molecular mechanisms. *Reviews in Medical Virology*. 2020.

66. Zununi Vahed S, Moghaddas Sani H, Haghi M, Mohajel Shoja M, Ardalan M. TRPC6 and NPHS2 gene variants in adult patients with steroid-resistant nephrotic syndrome in North-West of Iran. *Molecular Biology Reports*. 2019;46(6):6339-44.

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76. Vahed SZ, Niknafs B, Khaniani MS, Ardalan M. Genetic variations of complement factor H and C3 in patients with thrombotic thrombocytopenic purpura (TTP) in north- west of Iran. *Journal of Nephropathology*. 2018;7(2):74-8.
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81. Ebrahimzadeh V, Ardalan MR, Mahdavi AM, Gorbani A. A review of the health hazards of artificial sweeteners: Are they safe? *Progress in Nutrition*. 2018;20:36-43.
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83. Zununi-Vahed S, Ardalan M, Mahmoodpoor F, Ardalan K, Tolouian R. Fenugreek (*Trigonella foenum-graecum*) induced interstitial nephritis. *Journal of Renal Injury Prevention*. 2017;6(4):286-8.
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