

دکتر شقایق حق جوی جوانمرد

آدرس: مرکز تحقیقات متابولومیکس و ژنومیکس، پژوهشگاه علوم غدد و متابولیسم، دانشگاه علوم پزشکی تهران

تحصیلات:

ردیف	مدرک تحصیلی	دانشگاه	تاریخ
1	دکترای تخصصی فیزیولوژی عروق	دانشگاه علوم پزشکی اصفهان	1386
2	دکترای حرفه ای پزشکی	دانشگاه علوم پزشکی اصفهان	1381

سوابق شغلی و اجرایی:

ردیف	سمت	سازمان/نهاد	تاریخ
1	استاد تمام پژوهشگاه علوم غدد و متابولیسم	دانشگاه علوم پزشکی تهران	----
2	رئیس مرکز توسعه فناوری‌های راهبردی	معاونت علمی، فناوری و اقتصاد دانش‌بنیان ریاست جمهوری	از 1401 تا آبان 1403
3	رئیس مرکز فناوری‌های همگرا	معاونت علمی، فناوری و اقتصاد دانش‌بنیان ریاست جمهوری	از 1401 تاکنون
4	رئیس مرکز تحقیقات فیزیولوژی کاربردی	دانشگاه علوم پزشکی اصفهان	1387-1403
5	رئیس مرکز توسعه و هماهنگی تحقیقات	وزارت بهداشت درمان و آموزش پزشکی	1400-1401
6	معاون تحقیقات و فناوری	دانشگاه علوم پزشکی اصفهان	1397-1400
7	رئیس بنیاد نخبگان	بنیاد نخبگان استان اصفهان	1392-1397
8	رئیس دانشکده فناوری های نوین پزشکی	دانشگاه علوم پزشکی اصفهان	1391-1393
9	مدیر توسعه فناوری سلامت	دانشگاه علوم پزشکی اصفهان	1389-1392
10	دبیر جایزه ملی فناوری‌های نوظهور نکست (نوآوری کارآفرینان سرآمد توسعه)	معاونت علمی، فناوری و اقتصاد دانش‌بنیان ریاست جمهوری	از 1402 تاکنون
11	مشاور رئیس بنیاد ملی نخبگان	بنیاد ملی نخبگان	از 1401 تاکنون
12	عضو هیئت مدیره	بنیاد علم و فناوری مصطفی (ص)	از 1401 تاکنون
13	سر دبیر مجله	Advanced Biomedical Research	از 2012 تاکنون
14	رئیس برنامه تبادل تجربیات علم و فناوری (STEP)	بنیاد علم و فناوری مصطفی (ص)	از 1402 تاکنون

برگزیده دو درصد دانشمندان برتر جهان در سال 2023 و 2024  
نویسنده بیش از سیصد و پنجاه مقاله علمی پژوهشی بین المللی و 6 کتاب  
برنده جایزه دانشمند جوان در سالهای 2007 و 2009 و 2010

Young Scientist Award of FEBS Society 2010  
Award of ISA 2009, XV congress of atherosclerosis. Boston, USA  
.Award of 5th International Society for Stem Cell Research, Queensland, Australia, June 17-20, 2007

## Recent significant publications:

1. Zarin B, Rafiee L, Abdollahi S, Vatani M, Hassani M, Sanati-Nezhad A, **Javanmard SH**. Studying breast cancer lung metastasis using a multi-compartment microfluidic device with a mimetic tumor-stroma interaction model. *Transl Oncol*. 2025 Mar;53:102303. doi: 10.1016/j.tranon.2025.102303.
2. Erfanian SS, Ansari H, **Javanmard SH**, Amini Z, Hajigholami A. The hepatorenal protective effects of silymarin in cancer patients receiving chemotherapy: a randomized, placebo-controlled trial. *BMC Complement Med Ther*. 2024 Sep 4;24(1):329. doi: 10.1186/s12906-024-04627-7.
3. Falahat K, Baradaran Eftekhari M, **Haghjooy Javanmard S**, Ghalenoee E, Shakeri H. Designing an Impact-Oriented Model of Research and Technology Evaluation: An Experience of I.R.Iran. *Int J Prev Med*. 2024 Oct 18;15:53. doi: 10.4103/ijpvm.ijpvm\_146\_23.
4. Manteghinejad A, Rasti S, Nasirian M, **Javanmard SH**. Association of Prior COVID-19 Infection with Risk of Breakthrough Infection Following Vaccination: A Cohort Study in Isfahan, Iran. *Int J Prev Med*. 2024 Jul 17;15:18. doi: 10.4103/ijpvm.ijpvm\_173\_23.
5. Heshmat-Ghahdarijani K, Vaseghi G, Hajian S, Taheri M, **Haghjooy-Javanmard S**, Sarrafzadegan N, Habibi D, Babak A, Rabiee Rad M. Alterations in serum levels of calcium, vitamin D, phosphorus, and parathyroid hormone in patients with clinically confirmed familial hypercholesterolemia: a cross-sectional study. *Ann Med Surg (Lond)*. 2024 Sep 10;86(11):6502-6506. doi: 10.1097/MS9.0000000000002558.
6. Vaseghi G, Shariati L, Bahri Najafi M, Malakootikhah Z, Naji Esfahani H, **Haghjooy Javanmard S**. Evaluation of IP3R3 Gene Silencing Effect on Pyruvate Dehydrogenase (PDH) Enzyme Activity in Breast Cancer Cells with and Without Estrogen Receptor. *Adv Biomed Res*. 2024 Mar 28;13:24. doi: 10.4103/abr.abr\_413\_22.
7. Esmaeili Y, Dabiri A, Mashayekhi F, Rahimmanesh I, Bidram E, Karbasi S, Rafienia M, **Javanmard SH**, Ertas YN, Zarrabi A, Shariati L. Smart co-delivery of plasmid DNA and doxorubicin using MCM-chitosan-PEG polymerization functionalized with MUC-1 aptamer against breast cancer. *Biomed Pharmacother*. 2024 Apr;173:116465. doi: 10.1016/j.biopha.2024.116465.
8. Kheradmandfard, M., Zargar Kharazi, A., **Haghjooy Javanmard, S.**, Rahimzadeh, R., Kim, D.-E. Architecting ultra-thin SiO<sub>2</sub> shell for high magnetic performance of Fe<sub>3</sub>O<sub>4</sub> nanoparticles for biomedical applications. *Inorganic Chemistry Communications*, 168:-2024 (2024-10-1)
9. Zahirinejad, S., Ashkan, Z., Hemmati, R., Jamalidoost, M., **Javanmard, S.H.** Efficient biocompatible drug carrier: Lignin-based nanogel amplifies Curcumin's cytotoxic effects and induces apoptosis in brain and lung cancer cell lines. *Biocatalysis and Agricultural Biotechnology*, 60:- 2024 (2024-9-1)
10. Barzegar M, Sindarreh S, Manteghinejad A, Mirmosayyeb O, Mazaheri S, Rahimi M, Javanmard SH, Shaygannejad V, Nasirian M. Multiple sclerosis is associated with worse COVID-19 outcomes

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11. Vaezi A, Khoshgoftar M, Teimouri-Jervekani Z, **Haghjooy Javanmard S**. A qualitative report on experiences of participants in the young innovative leadership program. *BMC Med Educ*. 2024 Jan 17;24(1):71.
  12. Heydari P, Kharaziha M, Varshosaz J, Kharazi AZ, **Javanmard SH**. Co-release of nitric oxide and L-arginine from poly ( $\beta$ -amino ester)-based adhesive reprogram macrophages for accelerated wound healing and angiogenesis in vitro and in vivo. *Biomater Adv*. 2024 Apr;158:213762.
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  14. **Haghjooy Javanmard S**, Rafiee L, Bahri Najafi M, Khorsandi D, Hasan A, Vaseghi G, Makvandi P. Microfluidic-based technologies in cancer liquid biopsy: Unveiling the role of horizontal gene transfer (HGT) materials. *Environ Res*. 2023 Dec 1;238(Pt 1):117083. doi: 10.1016/j.envres.2023.117083. Epub 2023 Sep 9. PMID: 37690629.
  15. Rahimi A, Malakoutikhah Z, Rahimmanesh I, Ferns GA, Nedaeinia R, Ishaghi SMM, Dana N, **Haghjooy Javanmard S**. The nexus of natural killer cells and melanoma tumor microenvironment: crosstalk, chemotherapeutic potential, and innovative NK cell-based therapeutic strategies. *Cancer Cell Int*. 2023 Dec 6;23(1):312. doi: 10.1186/s12935-023-03134-y. PMID: 38057843; PMCID: PMC10702008.
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  23. Kajani AA, Rafiee L, **Javanmard SH**, Dana N, Jandaghian S. Carbon dot incorporated mesoporous silica nanoparticles for targeted cancer therapy and fluorescence imaging. *RSC Adv*. 2023 Mar 23;13(14):9491-9500. doi: 10.1039/d3ra00768e. PMID: 36968033; PMCID: PMC10034601.
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  27. Vaezi A, Salmasi M, Soltaninejad F, Salahi M, **Javanmard SH**, Amra B. Favipiravir in the Treatment of Outpatient COVID-19: A Multicenter, Randomized, Triple-Blind, Placebo-Controlled Clinical Trial. *Adv Respir Med*. 2023 Jan 28;91(1):18-25. doi: 10.3390/arm91010004. PMID: 36825938; PMCID: PMC9951951.
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  30. Hanson, SW; Abbafati, C; **Haghjooy Javanmard Shaghayegh (...)**; Vos, T  
Estimated Global Proportions of Individuals With Persistent Fatigue, Cognitive, and Respiratory Symptom Clusters Following Symptomatic COVID-19 in 2020 and 2021. *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*.2023.IF:120.7
  31. Atari, M; Labbaf, S and **Haghjooy Javanmard Shaghayegh**.The Role of Poly-glycerol Sebacate/Gelatin Coating Layer on Biological Features and Calcification Rate of 3D Melt-Molded Antibacterial Scaffold for Heart Valve Tissue Engineering. *JOURNAL OF POLYMERS AND THE ENVIRONMENT*.2023.5.3

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A comprehensive review on novel targeted therapy methods and nanotechnology-based gene delivery systems in melanoma .. EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES.2023.IF:4.3
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34. Vaseghi, G; **Haghjooy Javanmard Shaghayegh**; (...); Amerizadeh, A Comorbidities with Familial Hypercholesterolemia (FH): A Systematic Review. CURRENT PROBLEMS IN CARDIOLOGY.2023.IF:4.2
35. Kajani, AA; Rafiee, L; **Haghjooy Javanmard Shaghayegh** (...); Jandaghian, S Carbon dot incorporated mesoporous silica nanoparticles for targeted cancer therapy and fluorescence imaging. RSC ADVANCES.2023.IF: 3.9
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44. Zafarbakhsh, A; Vaezi, A; **Haghjooy Javanmard Shaghayegh** (...); Dehghan,. M Remdesivir prescription in pregnant women infected with COVID-19: A report of compassionate use. *ADVANCED BIOMEDICAL RESEARCH* .2023.IF:1
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47. Alizadehmohajer, N; Behmardi, A; **Haghjooy Javanmard Shaghayegh** (...); Manian, M Screening of potential inhibitors of COVID-19 with repurposing approach via molecular docking.2022. *NETWORK MODELING AND ANALYSIS IN HEALTH INFORMATICS AND BIOINFORMATICS* IF:2.2.
48. Vaseghi, G; Ghasemi, A; (...);; **Haghjooy Javanmard Shaghayegh**. Morphine upregulates Toll-like receptor 4 expression and promotes melanomas in mice *IMMUNOPHARMACOLOGY AND IMMUNOTOXICOLOGY* .2022 .IF:3.1
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59. Rahimmanesh, I; Boshtam, M **Haghjooy Javanmard Shaghayegh** (...); Varma, RS. Gene Editing-Based Technologies for Beta-hemoglobinopathies Treatment | BIOLOGY-BASEL Jun 2022 .IF:5.1
60. Sayed-Tabatabaei, L; Varshosaz, J; **Haghjooy Javanmard Shaghayegh**; Soghrati S, Camouflaged liposomes by 11A4-nanobody for co-delivery of cisplatin and nitroxoline in breast cancer tumors: An in vitro/in vivo study. JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY. May 2022 .IF:5.06|
61. Ranjbar, M; Salehi, R; **Haghjooy Javanmard Shaghayegh** (...); Nedaeinia, R. The dysbiosis signature of Fusobacterium nucleatum in colorectal cancer-cause or consequences? A systematic review .CANCER CELL INTERNATIONAL .Mar 26 2022.IF:6.42.
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