

Curriculum Vitae
Hamed Shoorei (Ph.D., He/Him)
Faculty of Medicine, Department of Anatomy and Cell Biology,
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Education:

1. **Ph.D. (Anatomical Sciences)**, at Tabriz University of Medical Science, Tabriz, Iran, 2016-2020.
GPA: 17.37 of 20, Research Field: Male Reproductive Biology
2. **MSc (Anatomical Sciences)**, at Tarbiat Modares University, Tehran, Iran, 2013-2016. *GPA: 16.77 of 20, Research Field: Female Reproductive Biology*
3. **Bachelor (Radiologic Technologist)**, at Birjand University of Medical Science, Birjand, Iran, 2009-2013. *GPA: 18.35 of 20*
4. **MPH**, at Shiraz University of Medical Science, Shiraz, Iran, 2022 – now.

Professional Positions:

- Lecture, Human Anatomy & Cell Biology, Medical School, Tabriz, Iran, (2024 - now)
- Lecture, Department of Anatomy & Reproductive Biology, Medical School, Birjand, Iran, (2020 - 2024)
- A member of the Cellular and Molecular Research Center, Birjand, Iran, (2020 - now)
- A member of Women's Reproductive Health Research Center, Tabriz University of Medical Sciences, Tabriz, Iran (2017 - now)
- A member of Rooyesh Infertility Center, Birjand University of Medical Sciences, Birjand, Iran (2024 - now)

Laboratory Skills (Expert):

- **Animal Surgery & Establishment of Animal Models:** Testicular & Ovarian Torsion/Detorsion, Varicocele, Testicular Flap, Polycystic Ovarian Syndrome, Diabetes, Testicular & Ovarian Cancer)
- **Spermatogonial Stem Cells (SSCs):** Isolation, Purification, and Culture
- **3D Culture:** Mouse Preantral Ovarian Follicle Culture in hydrogels, Whole Ovarian Culture
- **Cancer Cell Lines Culture:** MCF-7, SKOV-3, A2780, NT2-D1
- **Staining:** H&E, Trichrome Masson, Toluidine Blue, Oil Red, TUNEL, IHC
- **Microscope:** Light and Fluorescence
- **Cryopreservation:** Mouse Oocyte
- IHC, ELISA, qRT-PCR, Blotting, Transwell assay
- RNA Seq Analysis, R, System Biology, System Pharmacology, Molecular Docking (intermediate)

Personal Attributes:

- Adaptability, Attention to Details, Collaboration, Communication, Creativity, Decision-making, Empathy, Leadership, Multitasking, Positivity, Problem-solving, Self-motivation, Time Management, and Work Ethic.

Teaching Experience:

Course	Location (University)	Level	Date
Pelvic Anatomy	School of Medicine, Birjand	Medical Students	2020 - 2024
Abdomen Anatomy	School of Medicine, Birjand	Medical Students	2020 - 2024
Thorax, Abdomen, and Pelvic Anatomy	School of Medicine, Birjand	Master Students	2020-2024
Histology	School of Medicine, Birjand	Medical Students	2020 - 2024
Human Embryology	School of Medicine, Birjand	Medical Students	2020 - 2024
Tissue/Cell Culture	School of Medicine, Birjand	Master Students	2021 - 2024
Head & Neck Anatomy	School of Medicine, Tabriz	Medical/Dentistry Students	2017 - 2020
Endocrinology	School of Medicine, Birjand	Master Students	2021 - 2024
Neuroanatomy	School of Medicine, Tabriz	Medical/Dentistry Students	2017 - 2020
Neuroanatomy	School of Medicine, Birjand	Medical/Dentistry Students	2020 - 2024
Neuroanatomy	School of Medicine, Tabriz	Medical/Dentistry Students/International students [Eng]	2024 - now
Thorax, Abdomen, and Pelvic Anatomy	School of Medicine, Tabriz	Master/Physiotherapy Students/International students [Eng]	2024 - now
Head & Neck Anatomy	School of Medicine, Tabriz	Medical/Dentistry/ Physiotherapy Students/Master Students/International students [Eng]	2024 - now

Research Interests:

- Cellular Signaling, Non-coding RNAs, and Cancer Cell Biology
- Genetic & Epigenetic Regulation of Cell Fate Acquisition
- Ovarian Biology, Signaling of Oocyte, Ovarian Culture, Follicle Culture
- Male Germ Cell Biology, Spermatogonial Stem Cells (SSCs), Ovarian/Testicular Cancer
- Reproductive Toxicology and Aging, Cellular and Molecular Aspects of Gametes
- RNA Seq Analysis, System Biology/Pharmacology
- Induced Pluripotent Stem Cells (iPS)

Supervisory Experience (MSc or General Medicine Thesis):

- Effects of malathion on mice ovarian folliculogenesis by a special focus on FSHR, PCNA, and KIT Ligand genes (Supervisor, 2022-2023)
- Effects of malathion on rat spermatogenesis by a special focus on the CatSper gene family (Supervisor, 2022-now)
- Investigating the expression of NF-kB-related lncRNAs in women with PCOS (Supervisor, 2022-2025)
- Effects of chronic sleep deprivation along with circadian rhythm disruption on renal structure and function in rats (Co-supervisor, 2021-2023)
- Examining the expression level of genes related to interferon-gamma pathway in patients with PCOS compared to healthy individuals (Supervisor, 2023-2025)
- Investigating the effect of maternal diabetes on the gene expression of some NMDA receptors in the left hippocampus of male rat infants (Co-supervisor, 2023-now)
- Comparison of serum levels of interleukin 6 and 10 in an animal model of adhesion receiving low-density ascites fluid (Low SAAG) with ascites fluid produced in the laboratory (Co-supervisor, 2022-now)
- Investigating the antioxidant effects of hesperidin on the liver tissue of malathion-poisoned mice (Supervisor, 2022-2022)
- Protective effect of ginsenoside Rg-1 on histological damage and oxidative stress caused by torsion/detorsion in adult male rat testis (Supervisor, 2024-now)
- Identification of key genes involved in polycystic ovary syndrome using integrated analysis of RNA-seq gene expression data (Supervisor, 2024-now)
- Identification of key genes involved in ectopic pregnancy through analysis of chromosomal microarray and RNA sequencing data using a systems biology approach (Supervisor, 2024-now)

Published Original Articles: (correspondence [] & the first author [*])**

1. Rezazadeh S, Salami SR, Hosseini M, Oster H, Saebipour MR, Hassanzadeh-Taheri MM, **Shoorei H****. **Investigating the resilience of kidneys in rats exposed to chronic partial sleep deprivation and circadian rhythm disruption as disruptive interventions.** Neurobiology of Sleep and Circadian Rhythms. 2025 May 1;18:100109.
2. Talebi SF, Kooshki A, Zarein M, Seify M, Dolatshahi B, **Shoorei H****, Bhandari RK. **Protective effect of hesperidin on malathion-induced ovarian toxicity in mice: the role of miRNAs, inflammation, and apoptosis.** Toxicology Reports. 2024 Apr 17.
3. Mirfakhraie N, **Shoorei H**, Abedpour N, Javanmard MZ. **Co-treatment with bone marrow-derived mesenchymal stem cells and curcumin improved angiogenesis in myocardium in a rat model of MI.** Molecular Biology Reports. 2024 Dec;51(1):261.
4. Zarein M, Zarban A, **Shoorei H****, Gharekhani M, Hassanzadeh-Taheri M. **The amelioration of ovarian dysfunction by hesperidin in malathion-treated mice through the overexpression of PCNA and FSHR proteins.** Heliyon. 2023 Dec 1;9(12).
5. **Shoorei H***, Jafarabadi M, PourBayranvand S, Salehnia M. **Comparison of mouse ovarian follicular development and gene expression in the presence of ovarian tissue extract and**

- sodium selenite: An experimental study.** International Journal of Reproductive Biomedicine. 2023 May;21(5):415.
6. Abedpour N, **Shoorei H**, Rajaei F. **Detrimental effects of vitrification on integrin genes ($\alpha 9$ and $\beta 1$) and in vitro fertilization in mouse oocytes.** Molecular Biology Reports. 2023 Apr 11:1-7.
 7. Abedpour N, Zeinali A, Karimipour M, Pourheidar B, Farjah GH, Abak A, **Shoorei H****. **Protective effects of chlorogenic acid against ionizing radiation-induced testicular toxicity.** Heliyon. 2022 Sep 30:e10798.
 8. Delkhosh A, **Shoorei H****, Niazi V, Delashoub M, Gharamaleki MN, Ahani-Nahayati M, Dehaghi YK, Raza SH, Taheri MH, Mohaqiq M, Abbasgholizadeh F. **Coenzyme Q10 ameliorates inflammation, oxidative stress, and testicular histopathology in rats exposed to heat stress.** Human & Experimental Toxicology. 2020 Jul 23:0960327120940366.
 9. Delkhosh A, Delashoub M, Tehrani AA, Bahrami AM, Niazi V, **Shoorei H****, Banim M, Kalarestaghi H, Shokoohi M, Agabalazadeh A, Mohaqiq M. **Upregulation of FSHR and PCNA by administration of coenzyme Q10 on cyclophosphamide-induced premature ovarian failure in a mouse model.** Journal of biochemical and molecular toxicology. 2019 Sep 26:e22398.
 10. Seghinsara AM, **Shoorei H****, Taheri MM, Khaki A, Shokoohi M, Tahmasebi M, Khaki AA, Eyni H, Ghorbani S, Rad KR, Kalarestaghi H. **Panax ginseng extract improves follicular development after mouse preantral follicle 3D culture.** Cell Journal (Yakhteh). 2019;21(2):210.
 11. Shokoohi M, Soltani M, Abtahi-Eivary SH, Niazi V, Poor MJ, Ravaei H, Salimnejad R, Moghimian M, **Shoorei H****. **Effect of hydro-alcoholic extract of Olea europaea on apoptosis-related genes and oxidative stress in a rat model of torsion/detorsion-induced ovarian damage.** Asian Pacific Journal of Reproduction. 2019 Jul 1;8(4):148.
 12. **Shoorei H***, Khaki A, Shokoohi M, Khaki AA, Alihemmati A, Moghimian M, et al. **Evaluation of carvacrol on pituitary and sexual hormones and their receptors in the testicle of male diabetic rats.** Human & Experimental Toxicology. 2020:0960327120909525.
 13. **Shoorei H***, Khaki A, Khaki AA, Hemmati AA, Moghimian M, Shokoohi M. **The ameliorative effect of carvacrol on oxidative stress and germ cell apoptosis in testicular tissue of adult diabetic rats.** Biomedicine & Pharmacotherapy. 2019 Mar 1;111:568-78.
 14. **Shoorei, Hamed***, Majid Banimohammad, Maziar M Kebria, Mohammad Afshar, Mohammad MH Taheri, Majid Shokoohi, Mohammad SG Farashah, et al. **"Hesperidin Improves the Follicular Development in 3D Culture of Isolated Preantral Ovarian Follicles of Mice."** Experimental Biology and Medicine, (February 2019). doi:10.1177/1535370219831615.
 15. **Shoorei H***, Khaki A, Ainehchi N, Taheri MM, Tahmasebi M, Seyedghiasi G, Ghoreishi Z, Shokoohi M, Khaki AA, Raza SH. **Effects of Matricaria chamomilla Extract on Growth and Maturation of Isolated Mouse Ovarian Follicles in a Three-dimensional Culture System.** Chinese medical journal. 2018 Jan 20;131(2):218.
 16. Shokoohi M, Khaki A, Roudi Rasht Abadi A, MohammadZadeh Boukani L, Hassanpour Khodaie S, Kalarestaghi H, Khaki AA, Moghimian M, Niazkar HR, **Shoorei H**. **Minocycline can reduce testicular apoptosis related to varicocele in male rats.** Andrologia. 2022 May;54(4):e14375.
 17. Karimi A, Mahmoodpoor A, Kooshki F, Niazkar HR, **Shoorei H**, Tarighat-Esfanjani A. **Effects of nanocurcumin on inflammatory factors and clinical outcomes in critically ill patients with**

- sepsis: A pilot randomized clinical trial.** European Journal of Integrative Medicine. 2020;36:101122.
18. Amjadi MA, Yeganeh HM, Sadeghi M, Raza SH, Yang J, Najafabadi HA, Batool U, **Shoorei H**, Abdelnour SA, Ahmed JZ. **Microsatellite Analysis of Genetic Diversity and Population Structure of the Iranian Kurdish Horse.** Journal of Equine Veterinary Science. 2021 Mar 1;98:103358.
 19. Dolatkhan MA, Shokoohi M, Charvandeh S, Tvrda E, **Shoorei H**, Moghimian M, Alihemmati A. **Fumaria parviflora regulates oxidative stress and apoptosis gene expression in the rat model of varicocele induction.** Andrologia. e13826.
 20. Shokoohi M, Khaki A, **Shoorei H**, Khaki AA, Moghimian M, Abtahi-Eivary SH. **Hesperidin attenuated apoptotic-related genes in testicle of a male rat model of varicocele.** Andrology. 2019 Jul 19.
 21. Shokoohi M, **Shoorei H**, Soltani M, Abtahi-Eivari SH, Salimnejad R, Moghimian M. **Protective effects of the hydroalcoholic extract of Fumaria parviflora on testicular injury induced by torsion/detorsion in adult rats.** Andrologia. 2018 May 16:e13047.
 22. Liu GY, Raza SH, Zhou L, Abd El-Aziz AH, Sabek A, **Shoorei H**, Amjadi M, Gui LS. **The genetic polymorphisms of melanocortin-4 receptor gene are associated with carcass quality traits in a Chinese indigenous beef cattle breed.** Research in Veterinary Science. 2020 Jun 12.
 23. Gui LS, Raza SH, Zhou L, Khan R, Abd El-Aziz AH, Ullah I, Jahejo AR, **Shoorei H**, Manzari Z, Amjadi M, Liu GY. **Association of Hormone-sensitive lipase (HSL) gene polymorphisms with the intramuscular fat content in two Chinese beef cattle breeds.** Genomics. 2020 Jul 1.
 24. Soltani M, Moghimian M, Eivari SH, **Shoorei H**, Khaki A, Shokoohi M. **Protective effects of matricaria chamomilla extract on torsion/detorsion-Induced tissue damage and oxidative stress in adult rat testis.** Int J Fertil Steril. 2018 Jun;12(3).
 25. Shokoohi M, Madarek EO, Khaki A, **Shoorei H**, Khaki AA, Soltani M, Ainehchi N. **Investigating the effects of onion juice on male fertility factors and pregnancy rate after testicular torsion/detorsion by intrauterine insemination method.** Int J Womens Health Reprod Sci. 2018 Oct 1;6(4):499-505.
 26. Abtahi-Eivari SH, Moghimian M, Soltani M, **Shoorei H**, Asghari R, Hajizadeh H, Shokoohi M, Alami S, Ghaderi FK. **The effect of Galega officinalis on hormonal and metabolic profile in a rat model of polycystic ovary syndrome.** International Journal of Womens Health and Reproduction Sciences. 2018;6(3):276-82.
 27. Abtahi-Eivari SH, Shokoohi M, Abbasi A, Rajabzade A, **Shoorei H**, Kalarestaghi H. **Protective effect of Galega officinalis extract on Streptozotocin-induced kidney damage and biochemical factor in diabetic rats.** Crescent Journal of Medical and Biological Sciences. 2017;4:108-14.
 28. Kiafar E, Nasrabadi HT, Abedelahi A, **Shoorei H**, Seghinsara AM. **Protective Effects of Vitamin E and Selenium on Liver Tissue Damages Induced by Electromagnetic Field: An Ultrastructural Study.** Crescent Journal of Medical and Biological Sciences.;5(3).
 29. Ivari SH, Jajarmy N, Shahri MK, Shokoohi M, **Shoorei H**, Ebadi A, Moghimian M, Sigaroodi F. **Effect of Fish and Flaxseed Oil Supplementation on Isoprenaline-Induced Myocardial Infarction in Rats: Inhibition of Mitochondrial Permeability Transition Pore Opening.** Crescent Journal of Medical & Biological Sciences. 2019 Apr 1;6(2).

30. Ghavami SM, Farjah GH, **Shoorei H**, Dolatkhah MA. **Functional Recovery of Transected Peripheral Nerve by Means of Microwave Irradiated Collagen Nerve Guides Filled With Chick Embryonic Cerebrospinal Fluid in Rats.** Crescent Journal of Medical & Biological Sciences. 2017 Oct 1;4(4).

Published Review Articles: (correspondence [] & the first author [*])**

1. Khakshour, E., Shahram, M.A., Chaman, R., **Shoorei, H.**, Samami, E., Welsh, J.S., Dhawan, G., Javadinia, S.A. and Azimian, H., 2025. **Hypoxia and intrinsic radiosensitivity: Exploring mechanisms in radiation resistance of cancers and biomarkers for enhanced treatment strategies.** *Journal of Radiation Research and Applied Sciences*, 18(10145), p.101450.
2. Talebi SF, Seify M, Bhandari RK, **Shoorei H****, Oskuei SD. **Fluoride-induced testicular and ovarian toxicity: evidence from animal studies.** *Biological Research*. 2025 Dec;58(1):1-9.
3. Rahimi-Farsi N, Bostanian F, Shahbazi T, Shamsinejad FS, Bolideei M, Mohseni P, Zangoie A, Boustani F, **Shoorei H****. **Novel oncogenes and tumor suppressor genes in Hepatocellular Carcinoma: Carcinogenesis, progression, and therapeutic targets.** *Gene*. 2025 Jan 10:149229.
4. Seify M, Abedpour N, Talebi SF, Hazari V, Mehrara M, Koohestanidehaghi Y, **Shoorei H****, Bhandari RK. **Impacts of Acrylamide on testis and spermatozoa.** *Molecular Biology Reports*. 2024 Dec;51(1):739.
5. Alemi F, Poornajaf Y, Hosseini F, Vahedian V, Gharekhani M, **Shoorei H****, Taheri M. **Interaction between lncRNAs and RNA-binding proteins (RBPs) influences DNA damage response in cancer chemoresistance.** *Molecular Biology Reports*. 2024 Dec;51(1):1-3.
6. Ghafouri-Fard S, Askari A, **Shoorei H**, Seify M, Koohestanidehaghi Y, Hussen BM, Taheri M, Samsami M. **Antioxidant therapy against TGF- β /SMAD pathway involved in organ fibrosis.** *Journal of Cellular and Molecular Medicine*. 2023 Dec 2.
7. **Shoorei H**, Seify M, Talebi SF, Majidpoor J, Dehaghi YK, Shokoohi M. Different types of bisphenols alter ovarian steroidogenesis: Special attention to BPA.** *Heliyon*. 2023 Jun 1.
8. Ghafouri-Fard S, **Shoorei H****, Mohaqiq M, Tahmasebi M, Seify M, Taheri M. **Counteracting effects of heavy metals and antioxidants on male fertility.** *BioMetals*. 2021 Mar 24:1-53.
9. Ghafouri-Fard S, Askari A, Zangoie A, **Shoorei H**, Pourmoshtagh H, Taheri M. **Non-coding RNA profile for natural killer cell activity.** *Molecular and Cellular Probes*. 2023 Dec 1;72:101935.
10. Ghafouri-Fard S, **Shoorei H**, Sabernia T, Hussen BM, Taheri M, Pourmoshtagh H. **Circular RNAs and inflammation: Epigenetic regulators with diagnostic role.** *Pathology-Research and Practice*. 2023 Nov 1;251:154912.
11. Ghafouri-Fard S, **Shoorei H**, Hussen BM, Abdullah SR, Poornajaf Y, Taheri M, Samsami M. **lncRNA SNHG12: A budding star in human diseases.** *Pathology-Research and Practice*. 2023 Oct 16:154897.
12. Ghafouri-Fard S, **Shoorei H**, Noferesti L, Hussen BM, Moghadam MH, Taheri M, Rashnoo F. **Nanoparticle-mediated delivery of microRNAs-based therapies for treatment of disorders.** *Pathology-Research and Practice*. 2023 Jul 3:154667.

13. Ghafouri-Fard S, **Shoorei H**, Oskuei SD, Hussen BM, Abdullah SR, Taheri M, Jamali E. **The interaction between miRNAs and hazardous materials**. Non-coding RNA Research. 2023 Jun 28.
14. Vajdi M, Musazadeh V, Zareei M, Adeli S, Karimi A, Hojjati A, Darzi M, **Shoorei H**, Farhangi MA. **The effects of Whey protein on blood pressure: A systematic review and dose-response meta-analysis of randomized controlled trials**. Nutrition, Metabolism and Cardiovascular Diseases. 2023 May 26.
15. Ghafouri-Fard S, **Shoorei H**, Dong P, Poornajaf Y, Hussen BM, Taheri M, Dilmaghani NA. **Emerging functions and clinical applications of exosomal microRNAs in diseases**. Non-coding RNA Research. 2023 May 9.
16. Ghafouri-Fard S, **Shoorei H**, Hussen BM, Dong P, Zhai T, Taheri M, Samadian M. **The significance of N6-methyladenosine-modified non-coding RNAs in different disorders**. European Journal of Pharmacology. 2023 Mar 14:175644.
17. Ghafouri-Fard S, Hussen BM, **Shoorei H**, Abak A, Poornajaf Y, Taheri M, Samadian M. **Interactions between non-coding RNAs and HIF-1 α in the context of cancer**. European Journal of Pharmacology. 2023 Jan 30:175535.
18. Ghafouri-Fard S, Bahroudi Z, **Shoorei H**, Hussen BM, Talebi SF, Baig SG, Taheri M, Ayatollahi SA. **Disease-associated regulation of gene expression by resveratrol: Special focus on the PI3K/AKT signaling pathway**. Cancer Cell International. 2022 Dec;22(1):1-9.
19. Ghafouri-Fard S, **Shoorei H**, Hussen BM, Poornajaf Y, Taheri M, Sharifi G. **Interplay between programmed death-ligand 1 and non-coding RNAs**. Frontiers in Immunology. 2022 Nov 1;13:982902.
20. Ghafouri-Fard S, Khanbabapour Sasi A, Hussen BM, **Shoorei H**, Siddiq A, Taheri M, Ayatollahi SA. **Interplay between PI3K/AKT pathway and heart disorders**. Molecular Biology Reports. 2022 Oct;49(10):9767-81.
21. Ghafouri-Fard S, Poornajaf Y, Hussen BM, Abak A, **Shoorei H**, Taheri M, Sharifi G. **Implication of non-coding RNA-mediated ROCK1 regulation in various diseases**. Frontiers in Molecular Biosciences. 2022 Sep 13;9:986722.
22. Karimi A, Azar PS, Kadkhodayi M, Tandorost A, Vajdi M, **Shoorei H**, Farhangi MA. **A comprehensive insight into effects of resveratrol on molecular mechanism in rheumatoid arthritis: A literature systematic review**. International Journal of Rheumatic Diseases. 2022 Aug;25(8):827-43.
23. Ghafouri-Fard S, Balaei N, **Shoorei H**, Hasan SM, Hussen BM, Talebi SF, Taheri M, Ayatollahi SA. **The effects of Ginsenosides on PI3K/AKT signaling pathway**. Molecular Biology Reports. 2022 Jul;49(7):6701-16.
24. Ghafouri-Fard S, Hussen BM, Shaterabadi D, Abak A, **Shoorei H**, Taheri M, Rakhshan A. **The interaction between human papilloma viruses related cancers and non-coding RNAs**. Pathology-Research and Practice. 2022 Jun 1;234:153939.
25. Ghafouri-Fard S, **Shoorei H**, Mohaqiq M, Majidpoor J, Moosavi MA, Taheri M. **Exploring the role of non-coding RNAs in autophagy**. Autophagy. 2022 May 4;18(5):949-70.
26. Ghafouri-Fard S, Hussen BM, Mohaqiq M, **Shoorei H**, Baniahmad A, Taheri M, Jamali E. **Interplay between non-coding RNAs and programmed cell death proteins**. Frontiers in Oncology. 2022 Mar 23;12:808475.

27. Ghafouri-Fard S, Majidpoor J, **Shoorei H**, Hussen BM, Hadayat Jamal H, Baniahmad A, Taheri M, Mokhtari M. **The interaction between non-coding RNAs and calcium binding proteins.** *Frontiers in oncology.* 2022 Mar 4;12:848376.
28. Ghafouri-Fard S, **Shoorei H**, Bahroudi Z, Hussen BM, Talebi SF, Taheri M, Ayatollahi SA. **Nrf2-Related therapeutic effects of curcumin in different disorders.** *Biomolecules.* 2022 Jan 5;12(1):82.
29. Taheri M, Mahmud Hussen B, Tondro Anamag F, **Shoorei H**, Dinger ME, Ghafouri-Fard S. **The role of miRNAs and lncRNAs in conferring resistance to doxorubicin.** *Journal of Drug Targeting.* 2022 Jan 2;30(1):1-21.
30. Taheri M, **Shoorei H**, Anamag FT, Ghafouri-Fard S, Dinger ME. **LncRNAs and miRNAs participate in determination of sensitivity of cancer cells to cisplatin.** *Experimental and Molecular Pathology.* 2021 Dec 1;123:104602.
31. Ghafouri-Fard S, Khanbabapour Sasi A, Abak A, **Shoorei H**, Khoshkar A, Taheri M. **Contribution of miRNAs in the Pathogenesis of Breast Cancer.** *Frontiers in Oncology.* 2021 Nov 5;11:768949.
32. Ghafouri-Fard S, Abak A, Talebi SF, **Shoorei H**, Branicki W, Taheri M, Dilmaghani NA. **Role of miRNA and lncRNAs in organ fibrosis and aging.** *Biomedicine & Pharmacotherapy.* 2021 Nov 1;143:112132.
33. Ghafouri-Fard S, Abak A, Avval ST, **Shoorei H**, Taheri M, Samadian M. **The impact of non-coding RNAs on macrophage polarization.** *Biomedicine & Pharmacotherapy.* 2021 Oct 1;142:112112.
34. Ghafouri-Fard S, Moghadam MH, **Shoorei H**, Bahroudi Z, Taheri M, Taheriazam A. **The impact of non-coding RNAs on normal stem cells.** *Biomedicine & Pharmacotherapy.* 2021 Oct 1;142:112050.
35. Ghafouri-Fard S, Kamali MJ, Abak A, **Shoorei H**, Taheri M. **LncRNA ZFAS1: Role in tumorigenesis and other diseases.** *Biomedicine & Pharmacotherapy.* 2021 Oct 1;142:111999.
36. Ghafouri-Fard S, Abak A, Avval ST, Rahmani S, **Shoorei H**, Taheri M, Samadian M. **Contribution of miRNAs and lncRNAs in osteogenesis and related disorders.** *Biomedicine & Pharmacotherapy.* 2021 Oct 1;142:111942.
37. Ghafouri-Fard S, **Shoorei H**, Sasi AK, Taheri M, Ayatollahi SA. **The impact of the phytotherapeutic agent quercetin on expression of genes and activity of signaling pathways.** *Biomedicine & Pharmacotherapy.* 2021 Sep 1;141:111847.
38. Ghafouri-Fard S, Abak A, Khademi S, **Shoorei H**, Bahroudi Z, Taheri M, Dilmaghani NA. **Functional roles of non-coding RNAs in atrophy.** *Biomedicine & Pharmacotherapy.* 2021 Sep 1;141:111820.
39. Ghafouri-Fard S, Abak A, **Shoorei H**, Talebi SF, Mohaqiq M, Sarabi P, Taheri M, Mokhtari M. **Interaction between non-coding RNAs and Toll-like receptors.** *Biomedicine & Pharmacotherapy.* 2021 Aug 1;140:111784.
40. Ghafouri-Fard S, Hajiesmaeili M, **Shoorei H**, Bahroudi Z, Taheri M, Sharifi G. **The impact of lncRNAs and miRNAs in regulation of function of cancer stem cells and progression of cancer.** *Frontiers in Cell and Developmental Biology.* 2021 Jul 22;9:696820.
41. Ghafouri-Fard S, Aghabalazade A, **Shoorei H**, Majidpoor J, Taheri M, Mokhtari M. **The impact of lncRNAs and miRNAs on apoptosis in lung cancer.** *Frontiers in Oncology.* 2021 Jul 21;11:714795.

42. Ghafouri-Fard S, Shaterabadi D, Abak A, **Shoorei H**, Bahroudi Z, Taheri M, Mousavinejad SA. **An update on the role of miR-379 in human disorders.** Biomedicine & Pharmacotherapy. 2021 Jul 1;139:111553.
43. Ghafouri-Fard S, Agabalazadeh A, Abak A, **Shoorei H**, Hassanzadeh Taheri MM, Taheri M, Sharifi G. **Role of long non-coding RNAs in conferring resistance in tumors of the nervous system.** Frontiers in Oncology. 2021 Jun 9;11:670917.
44. Ghafouri-Fard S, Shabestari FA, Vaezi S, Abak A, **Shoorei H**, Karimi A, Taheri M, Basiri A. **Emerging impact of quercetin in the treatment of prostate cancer.** Biomedicine & Pharmacotherapy. 2021 Jun 1;138:111548.
45. Ghafouri-Fard S, Abak A, Fattahi F, Hussien BM, Bahroudi Z, **Shoorei H**, Taheri M. **The interaction between miRNAs/lncRNAs and nuclear factor- κ B (NF- κ B) in human disorders.** Biomedicine & Pharmacotherapy. 2021 Jun 1;138:111519.
46. Ghafouri-Fard S, Abak A, Mohaqiq M, **Shoorei H**, Taheri M. **Interaction between non-coding RNAs and JNK in human disorders.** Biomedicine & Pharmacotherapy. 2021 Jun 1;138:111497.
47. Ghafouri-Fard S, **Shoorei H**, Bahroudi Z, Abak A, Taheri M. **The role of H19 lncRNA in conferring chemoresistance in cancer cells.** Biomedicine & Pharmacotherapy. 2021 Jun 1;138:111447.
48. Ghafouri-Fard S, Abak A, Anamag FT, **Shoorei H**, Majidpoor J, Taheri M. **The emerging role of non-coding RNAs in the regulation of PI3K/AKT pathway in the carcinogenesis process.** Biomedicine & Pharmacotherapy. 2021 May 1;137:111279.
49. Dilmaghnaei NA, **Shoorei H**, Sharifi G, Mohaqiq M, Majidpoor J, Dinger ME, Taheri M, Ghafouri-Fard S. **Non-coding RNAs modulate function of extracellular matrix proteins.** Biomedicine & Pharmacotherapy. 2021 Apr 1;136:111240.
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Editorial and Reviewing Role:

- *Editorial Role*: a member of the editorial board of Advances in Medicine (Wiley) & Experimental Biology and Medicine (EBM).
- Reviewing papers (more than 200) for various academic journals, Scientific Reports, Andrologia, Obstetrics & Gynecology, International Journal of Fertility & Sterility, Journal of Reproductive Medicine, Systems Biology in Reproductive Medicine, Human & Experimental Toxicology, Journal of Biochemical & Molecular Toxicology, Frontier in Endocrinology/Oncology/Cell and Developmental Biology, Bioengineered, and so on.

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