



Hamid Asadzadeh Aghdaei, MD, PhD
Gastroenterologist, Clinical Researcher Associate
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Date of Birth: August 5, 1970

Place of Birth: Iran

Nationality: Iranian



Research Institute for Gastroenterology and Liver Disease, Taleghani Hospital, Evin, Tehran, Iran.



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LANGUAGE SKILLS

- English: Occupational English Test. (Jun 2021) Writing, Reading, Speaking: B listening: C
- Arabic: Elementary
- Native language: Persian

PROFESSIONAL EXPERIENCE

- Associate Professor of Medicine and Gastroenterology
- Vice Chancellor in Administration and Resources development Affairs for Research Institute for Gastroenterology and Liver Disease, Shahid Beheshti University of Medical Sciences.
- Head of Basic & Molecular Epidemiology of Gastrointestinal Disorders Research Institute for Gastroenterology and Liver Disease, Shahid Beheshti University of Medical Sciences.

CLINICAL SKILL

- Upper GI Endoscopy
- Colonoscopy
- Endoscopic Retrograde Cholangiopancreatography
- Peroral Endoscopic Myotomy
- Balloon Enteroscopy
- Therapeutic Endosonography
- Endoscopic Mucosal Resection
- Endoscopic Submucosal Dissection

CERTIFICATES AND AWARDS

- Selected national researcher of the 2020 in the rank of assistant professor in the 21st Abu Rayhan al-Biruni Research Festival.
- Selected as the Premier physician of the 2021 in the field of Research on Gastroenterology & Liver Disease

EDUCATION / POST GRADUATE TRAINING

Medical School

Mashhad University of Medical Sciences,
Mashhad, Iran.
1988-1996

Residency

Internal Medicine specialty program
Shahid Beheshti Medical University, Tehran, Iran.
1999-2003

Fellowship

Gastroenterology & hepatology
Shahid Beheshti Medical University, Tehran, Iran

PhD by Research

Clinical research
Shahid Beheshti Medical University, Tehran, Iran

2009-20112012-2022

PROFESSIONAL POSITIONS AND APPOINTMENTS

- The senior family physician in an out-patient clinic. (1996-1997)
- Counselor of “Gastrointestinal Cancer Genetic Counseling Clinic” In RCGLD. (2001-2002)
- Working as an Internal Medicine Consultant in Mashhad, Iran. (2002-2009)
- Head of Basic Science and Molecular Epidemiology of Gastrointestinal Disorders Research Center, Shahid Beheshti University of Medical Sciences, Tehran, Iran. (2011-Up to now)
- Working as an assistant professor in Taleghani hospital, Shahid Beheshti University of Medical Sciences, Tehran, Iran. (2011-Up to now)
- Vice Chancellor in Administration and Resources development Affairs in Research Institute for Gastroenterology & Liver Diseases, SBMU, Tehran, Iran. (2015 up to now)

ACHIEVEMENTS

Books:

- Instructional Package for Diagnosis and Treatment of Gallstone. Research Institute for Gastroenterology and Liver Diseases, Shahid Beheshti University of Medical sciences.
- Instructional Package for Diagnostic Endosonography Techniques. Research Institute for Gastroenterology and Liver Diseases, Shahid Beheshti University of Medical sciences.
- Probiotics and Health

Published Articles:

Before 2010: 19 Articles

2010-2019: 175 Articles

2020- up to now: 221 Articles

1. Cheraghpour M, Askari M, Tierling S, Shojaee S, Sadeghi A, Moghadam PK, Khazdouz M, **Aghdaei HA**, Piroozkhah M, Nazemalhosseini-Mojarad E, Fatemi N. A systematic review and meta-analysis for the association of the insulin-like growth factor1 pathway genetic polymorphisms with colorectal cancer susceptibility. *Frontiers in Oncology*. 2023;13:IF: 5.73
2. Mokhtari F, Kaboosi H, Mohebbi SR, Aghdaei HA, Zali MR. Development and evaluation of a semi-nested PCR technique for amplification and determination of different surface gene variation patterns in patients with chronic HBV infection: development of an amplification method for HBV S gene. *Gastroenterology and Hepatology From Bed to Bench*. 2023;16(1):520.
3. Hosseini FA, Rejali L, Zabihi MR, Salehi Z, Daskar-Abkenar E, Taraz T, Fatemi N, Hashemi M, Asadzadeh-Aghdaei H, Nazemalhosseini-Mojarad E. Long non-coding RNA LINC00460 contributes as a potential prognostic biomarker through its oncogenic role with ANXA2 in colorectal polyps. *Molecular Biology Reports*. 2023 Apr 6:1-1.IF: 2.74
4. Alavifard H, Mazhari S, Meyfour A, Tokhanbigli S, Ghavami S, Zali MR, **Aghdaei HA**, Hatami B, Baghaei K. Imatinib suppresses activation of hepatic stellate cells by targeting STAT3/IL-6 pathway through miR-124. *Cell Biology International*. 2023 May;47(5):969-80.IF: 4.47
5. Miri AH, Kamankesh M, Rad-Malekshahi M, Yadegar A, Banar M, Hamblin MR, Haririan I, **Aghdaei HA**, Zali MR. Factors associated with treatment failure, and possible applications of probiotic bacteria in the arsenal against *Helicobacter pylori*. *Expert Review of Anti-infective Therapy*. 2023 May 13:1-23.IF: 5.85
6. Rejali L, Seifollahi Asl R, Sanjabi F, Fatemi N, **Asadzadeh Aghdaei H**, Saeedi Niasar M, Ketabi Moghadam P, Nazemalhosseini Mojarad E, Mini E, Nobili S. Principles of Molecular Utility for CMS Classification in Colorectal Cancer Management. *Cancers*. 2023 May 13;15(10):2746.IF: 6.54
7. Mirzaei S, Gholami MH, **Aghdaei HA**, Hashemi M, Parivar K, Karamian A, Zarrabi A, Ashrafizadeh M, Lu J. Exosome-mediated miR-200a delivery into TGF- β -treated AGS cells abolished epithelial-

- mesenchymal transition with normalization of ZEB1, vimentin and Snail1 expression. *Environmental Research*. 2023 Aug 15;231:116115.IF:8.43
8. Kazemifard N, Kazemi M, Shahrokh S, Aghdaei HA. Identification and validation of NF-kB pathway-related lncRNA upregulated in IBD patients. *Gene Reports*. 2023 Sep 1;32:101790.
 9. Raeisi H, Noori M, Azimirad M, Mohebbi SR, Asadzadeh Aghdaei H, Yadegar A, Zali MR. Emerging applications of phage therapy and fecal virome transplantation for treatment of *Clostridioides difficile* infection: challenges and perspectives. *Gut Pathogens*. 2023 Dec;15(1):1-20.IF: 5.32
 10. Sadeghi A, Aghdaei HA, Moghadam PK, Rahmani K, Rajabnia M, Salehi N, Hosseini S, Fanaei SM. Evaluation of ASGE Criteria for Prediction of Choledocholithiasis: Can Early Endoscopic Ultrasound Utilization Make the Prediction More Accurate?. *Medical journal of the Islamic Republic of Iran*. 2023;37.
 11. Asadzadeh-Aghdaei H, Rejali L, Nourian M, Chaleshi V, Zamani N, Baradaran-Ghavami S, Nemati M, Shahrokh S, Norouzinia M, Vosough M, Nazemalhosseini-Mojarad E. Toll-like receptor 7 a novel non-invasive inflammatory genetic sensor for ulcerative colitis remission monitoring. *Advanced Biomedical Research*. 2023;12.
 12. Sarshari B, Ravanshad M, Rabbani A, Zareh-Khoshchereh R, Mokhtari F, Khanabadi B, Mohebbi SR, Asadzadeh Aghdaei H. Quantitative analysis of Epstein–Barr virus DNA in plasma and stomach biopsies of patients with gastric cancer. *Virus Genes*. 2023 Feb 9:1-8.IF: 2.19
 13. Ghorbaninejad M, Abdollahpour-Alitappeh M, Shahrokh S, Fayazzadeh S, Asadzadeh-Aghdaei H, Meyfour A. TGF- β receptor I inhibitor may restrict the induction of EMT in inflamed intestinal epithelial cells. *Experimental Biology and Medicine*. 2023 Feb 12:15353702231151959.IF: 4.08
 14. Gholam-Mostafaei FS, Azimirad M, Naseri K, Nabavi-Rad A, Asadzadeh Aghdaei H, Shahrokh S, Ebrahimi Daryani N, Yadegar A, Zali MR. Intestinal microbiota changes pre-and post-fecal microbiota transplantation for treatment of recurrent *Clostridioides difficile* infection among Iranian patients with concurrent inflammatory bowel disease. *Frontiers in Microbiology*. 2023 Feb 24;14:499.IF: 6.06
 15. Ghorbaninejad M, Asadzadeh-Aghdaei H, Baharvand H, Meyfour A. Intestinal organoids: A versatile platform for modeling gastrointestinal diseases and monitoring epigenetic alterations. *Life Sciences*. 2023 Feb 27:121506.IF: 10.38
 16. Moeinabadi-Bidgoli K, Rezaee M, Hossein-Khannazer N, Babajani A, Aghdaei HA, Arki MK, Afaghi S, Niknejad H, Vosough M. Exosomes for angiogenesis induction in ischemic disorders. *Journal of Cellular and Molecular Medicine*. 2023 Mar;27(6):763-87.IF: 5.29
 17. Houri H, Aghdaei HA, Firuzabadi S, Khorsand B, Soltanpoor F, Rafieepoor M, Tanhaei M, Soleymani G, Azimirad M, Sadeghi A, Ebrahimi Daryani N. High Prevalence Rate of Microbial Contamination in Patient-Ready Gastrointestinal Endoscopes in Tehran, Iran: an Alarming Sign for the Occurrence of Severe Outbreaks. *Microbiology Spectrum*. 2022 Oct 26;10(5):e01897-22. IF: 9.04
 18. Asadzadeh-Aghdaei H, Nourian M, Chaleshi V, Zamani N, alsadat Hashemi M, Sani M. Evaluation of the TLR 4 and TLR 5 genes methylation and mRNA expression in patients with Inflammatory Bowel Disease.
 19. Hosseini FA, Rejali L, Zabihi MR, Salehi Z, Daskar-Abkenar E, Taraz T, Fatemi N, Hashemi M, Asadzadeh-Aghdaei H, Nazemalhosseini-Mojarad E. Long non-coding RNA LINC00460 contributes as a potential prognostic biomarker through its oncogenic role with ANXA2 in colorectal polyps. *Molecular Biology Reports*. 2023 Apr 6:1-1.IF: 2.74
 20. Ganjali F, Asri N, Rostami-Nejad M, Hashemi M, Ainy E, Masotti A, Asadzadeh Aghdaei H. Expression analysis of IL-2, TBX21 and SOCS1 in peripheral blood cells of celiac disease patients reveals the diagnostic potential of IL-2. *Molecular Biology Reports*. 2023 Apr 11:1-9.IF: 2.74

21. Pazoki H, Mirjalali H, Niyayati M, Tabaei SJ, Mosafa N, Shahrokh S, Aghdaei HA, Kupz A, Zali MR. Toxoplasma gondii profilin induces NLRP3 activation and IL-1 β production/secretion in THP-1 cells. *Microbial Pathogenesis*. 2023 Apr 18:106120. IF: 3.84
22. Moeinabadi-Bidgoli K, Mazloomnejad R, Beheshti Maal A, Asadzadeh Aghdaei H, Kazem Arki M, Hossein-Khannazer N, Vosough M. Genetic modification and preconditioning strategies to enhance functionality of mesenchymal stromal cells: a clinical perspective. *Expert Opinion on Biological Therapy*. 2023 Apr 21(just-accepted). IF: 5.58
23. Rezaei N, Arki MK, Miri-Lavasani Z, Solhi R, Khoramipour M, Rashedi H, Aghdaei HA, Hossein-Khannazer N, Mostafavi E, Vosough M. Co-delivery of Doxorubicin and Paclitaxel via Noisome Nanocarriers Attenuates Cancerous Phenotypes in Gastric Cancer Cells. *European Journal of Pharmaceutics and Biopharmaceutics*. 2023 Apr 25. IF: 5.58
24. Nabavi-Rad A, Yadegar A, Sadeghi A, Aghdaei HA, Zali MR, Klionsky DJ, Yamaoka Y. The interaction between autophagy, Helicobacter pylori, and gut microbiota in gastric carcinogenesis. *Trends in Microbiology*. 2023 Apr 27. IF: 18.23
25. Naseri K, Saadati S, Pashayee-Khamene F, Hekmatdoost A, Asadzadeh-Aghdaei H, Sobhani SR, Shahrbafe MA, Esmaeilnejad K, Hosseini-Oskuiee F, Sadeghi A, Hadavi S. Dietary Animal Protein vs. Plant Protein Sources in Relation to the Risk of Biliary Stone: A Case-Control Study. *Journal of Nutrition and Food Security*. 2023 May 10;8(2):298-305.
26. Asadzadeh Aghdaei H, Rabbani A, Sadeghi A, Rezvani H, Sherkat G, Salarieh N, Ketabi Moghadam P. Retroperitoneal lymphangioma as the final diagnosis of a middle-aged woman with abdominal pain: a case report. *Journal of Medical Case Reports*. 2023 Dec;17(1):1-5.
27. Nemati S, Mohammad Rahimi H, Meyfour A, Pazoki H, Asadzadeh Aghdaei H, Shahrokh S, Mirjalali H. Evaluation of the mTORC activity in the presence of Toxoplasma gondii and azathioprine in human monocyte cell line. *BMC microbiology*. 2023 Dec;23(1):1-8. IF: 4.46
28. Zali N, Savabkar S, Tajali R, Chaleshi V, Nazemalhosseini Mojarad E, Vahedi M, Hashemi M, Asadzadeh Aghdaei H. Association between CDKN1A gene rs1801270 polymorphisms and susceptibility to colorectal cancer in an Iranian population. *Nucleosides, Nucleotides & Nucleic Acids*. 2023 Jan 17:1-8. IF: 1.44
29. Tavassolifar MJ, Aghdaei HA, Sadatpour O, Maleknia S, Fayazzadeh S, Mohebbi SR, Montazer F, Rabbani A, Zali MR, Izad M, Meyfour A. New insights into extracellular and intracellular redox status in COVID-19 patients. *Redox Biology*. 2023 Feb 1;59:102563. IF: 10.78
30. Rezasoltani S, Ebrahimi NA, Boroujeni RK, Aghdaei HA, Norouzinia M. Detoxification of aflatoxin M1 from the reconstituted milk by probiotics Saccharomyces boulardii, Lactobacillus casei, and Lactobacillus acidophilus, using the HPLC method. *Gastroenterology and Hepatology from Bed to Bench*. 2022.
31. Hatamnejad MR, Baradaran Ghavami S, Shirvani M, Asghari Ahmadabad M, Shahrokh S, Farmani M, Sherkat G, Asadzadeh Aghdaei H, Zali MR. Selective serotonin reuptake inhibitors and inflammatory bowel disease; Beneficial or malpractice. *Front Immunol*. 2022 Oct 6;13:980189. doi: 10.3389/fimmu.2022.980189. PMID: 36275739; PMCID: PMC9583131. IF: 8.78
32. B. Khorsand, H. Asadzadeh Aghdaei, E. Nazemalhosseini-Mojarad, B. Nadalian, B. Nadalian and H. Hourii. Overrepresentation of Enterobacteriaceae and Escherichia coli is the major gut microbiome signature in Crohn's disease and ulcerative colitis; a comprehensive metagenomic analysis of IBDMDB datasets. *Frontiers in Cellular and Infection Microbiology* 2022 Vol. 12 DOI: 10.3389/fcimb.2022.1015890 IF: 6.07
33. Raeisi H, Azimirad M, Asadzadeh Aghdaei H, Yadegar A, Zali MR. Rapid-format recombinant antibody-based methods for the diagnosis of Clostridioides difficile infection: Recent advances and perspectives. *Front Microbiol*. 2022 Nov 29;13:1043214. doi: 10.3389/fmicb.2022.1043214. PMID: 36523835; PMCID: PMC9744969. IF: 6.06
34. Hatamnejad MR, Karvandi M, Jodatfar F, Ebrahimi N, Shojaeian F, Ghavami SB, Balaii H, Moeeni M, Rajabnia M, Shahrokh S, Aghdaei HA. Evaluation of adalimumab effects on left ventricle

- performance by echocardiography indexes among patients with immunosuppressant refractory ulcerative colitis. *Frontiers in Medicine*. 2022;9:IF: 5.05
35. Rezaie A, Nasiri M, Hatami B, Baghaie K, Asadzadeh-Aghdaei H, Zali MR. Investigating the association of toll-like receptor 9 rs5743836, rs352140, and rs187084 gene polymorphisms and their mRNA levels with different hepatic fibrosis stages of non-alcoholic fatty liver patients compared to healthy controls. *Molecular Biology Research Communications*. 2022;11(3):119.
 36. Kazemian S, Mohebbi SR, Najji T, Asadzadeh Aghdaei H, Zali MR. An Evaluation of the Effect of Graphene Oxide-Gold Nanocomposite on HepG2 Cell Line. *Journal of Babol University of Medical Sciences*. 2022 Mar 10;24(1):482-91.
 37. Nabavi-Rad A, Azizi M, Jamshidizadeh S, Sadeghi A, Aghdaei HA, Yadegar A, Zali MR. The Effects of Vitamins and Micronutrients on Pathogenicity, Survival, and Eradication: A Crosstalk between Micronutrients and Immune System. *Journal of Immunology Research*. 2022 Mar 16. IF: 4.49
 38. Rezasoltani S, Ebrahimi NA, Boroujeni RK, Aghdaei HA, Norouzinia M. Detoxification of aflatoxin M1 by probiotics *Saccharomyces boulardii*, *Lactobacillus casei*, and *Lactobacillus acidophilus* in reconstituted milk. *Gastroenterology and Hepatology from Bed to Bench*. 2022 Jun 20.
 39. Aghdaei HA, Rezasoltani S, Olfatifar M, Mojarad EN, Sherkat G, Yadegar A, Feizabadi MM, Zali MR. Expression of Toll-Like Receptors 2, 4 and 5 in Relation to Gut Microbiota in Colon Neoplasm Patients with and without Inflammatory Bowel Disease. *Avicenna Journal of Medical Biotechnology*. 2022 Jun 22.
 40. Chaleshi V, Kalantar SO, Salahshourifar I, Shahrokh S, Aghdaei HA, Zali MR. Evaluation of LncRNA uc. 173 and Occludin in Iranian Patients with Inflammatory Bowel Disease Compared with Healthy Individuals. *Journal of Advanced Biomedical Sciences*. 2022 Jun 26.
 41. Sarshari B, Mohebbi SR, Ravanshad M, Shahrokh S, Aghdaei HA, Zali MR. Detection and quantification of Epstein–Barr virus, cytomegalovirus, and human herpesvirus-6 in stomach frozen tissue of chronic gastritis and gastric cancer patients. *Microbiology and Immunology*. 2022 Aug;66(8):379-85. IF: 10.27
 42. Tokhanbigli S, Alavifard H, Aghdaei HA, Zali MR, Baghaei K. Combination of pioglitazone and dendritic cell to optimize efficacy of immune cell therapy in CT26 tumor models. *BIOIMPACKTS*. 2022 Aug 9. IF: 3.78
 43. Asri N, Taraghikhah N, Baniasadi R, Ishaq S, Rezaei-Tavirani M, Sadeghi A, Ehsani-Ardakani MJ, Jahani-Sherafat S, Aghdaei HA, Rostami-Nejad M. The Effect of Gluten-Free Diet Duration on Body Mass Index of Iranian Patients with Celiac Disease. *Middle East Journal of Digestive Diseases (MEJDD)*. 2022 Aug 30;14(3):323-9.
 44. Ghazvinian Z, Abdolahi S, Ahmadvand M, Emami AH, Muhammadnejad S, Aghdaei HA, Ai J, Zali MR, Seyhoun I, Verdi J, Baghaei K. Chemo-immune cell therapy by intratumoral injection of adoptive NK cells with capecitabine in gastric cancer xenograft model. *BiolImpacts*. 2022 Sep 18.
 45. Rafieepoor M, Mohebbi SR, Hosseini SM, Tanhaei M, Niasar MS, Kazemian S, Aghdaei HA, Moore MD, Zali MR. Detection of SARS-CoV-RNA in selected agricultural and food retail environments in Tehran, Iran. *COVID-19 Pandemic, Food Behaviour and Consumption Patterns*. 2022 Sep 23.
 46. Tabesh MR, Abolhasani M, Zali MR, Bagheri R, Alipour M, Cheraghloo N, Asadzadeh-Aghdaei H, Wong A, Zahedi H, Hobaby S, Shadnoush M. The impact of bariatric surgery procedures on the modulation of cardiometabolic risk factors in patients with severe obesity: a 12-month follow-up. *Journal of International Medical Research*. 2022 Oct;50(10):03000605221119657. IF: 1.57
 47. Mokhtari F, Kaboosi H, Mohebbi SR, Asadzadeh Aghdaei H, Zali MR. Evaluation of Circulating MicroRNA-222 in Patients with Chronic Hepatitis B virus Infection as a Potential Noninvasive Diagnostic Biomarker. *Iranian Journal of Medical Microbiology*. 2022 Oct 10;16(6):543-50.
 48. Aghdaei HA, Rabbani A, Sadeghi A, Rezvani H, Sherkat G, Salarieh N, Moghadam PK. Retroperitoneal lymphangioma as the final diagnosis of a middle-aged woman with abdominal pain.

49. Salarieh N, Emami Meibodi A, Alipour S, Azimirad M, Looha MA, Asadzadeh Aghdaei H, Yadegar A, Shahrokh S, Zali MR. Characterization of the mucosal microbiota in patients with nodular lymphoid hyperplasia with concurrent irritable bowel syndrome compared to healthy controls. *Molecular Biology Reports*. 2022 Oct 31;1-1. IF: 2.74
50. Bakhtiari-Nezhad S, Rejali L, Hadizadeh M, Taleghani MY, Aghdaei HA, Young C, Khanabadi B, Nazemalhosseini-Mojarad E, Bonab MA. Up regulation of long non-coding RNAs BACE1 and down regulation of LINC-PINT are associated with CRC clinicopathological characteristics. *Molecular Biology Reports*. 2022 Nov;49(11):10259-67. IF: 2.74
51. Kazemifad N, Kazemi M, Shahrokh S, Aghdaei HA. NF- κ B pathway related long non-coding RNAs in inflammatory bowel disease.
52. Fa H, Rejali L, Zabihi MR, Salehi Z, Abkenar ED, Taraz T, Fatemi N, Hashemi M, Aghdaei HA, Mojarad EN. Long non-coding RNA LINC00460 contribute as a potential prognostic biomarker through oncogenic role with ANXA2 in colorectal polyps.
53. Amini M, Rezasoltani S, Pourhoseingholi MA, Asadzadeh Aghdaei H, Zali MR. Evaluating the predictive performance of gut microbiota for the early-stage colorectal cancer. *BMC gastroenterology*. 2022 Dec;22(1):1-1. IF: 2.84
54. Rezasoltani S, Aghdaei HA, Jasemi S, Gazouli M, Dovrolis N, Sadeghi A, Schlüter H, Zali MR, Sechi LA, Feizabadi MM. Oral Microbiota as Novel Biomarkers for Colorectal Cancer Screening. *Cancers*. 2022 Dec 28;15(1):192. IF: 6.57
55. Nabavi-Rad A, Sadeghi A, Asadzadeh Aghdaei H, Yadegar A, Smith SM, Zali MR. The double-edged sword of probiotic supplementation on gut microbiota structure in *Helicobacter pylori* management. *Gut microbes*. 2022 Dec 31;14(1):2108655. IF: 9.43
56. Hourii H, Aghdaei HA, Firuzabadi S, Khorsand B, Soltanpoor F, Rafieepoor M, Tanhaei M, Soleymani G, Azimirad M, Sadeghi A, Ebrahimi Daryani N. High Prevalence Rate of Microbial Contamination in Patient-Ready Gastrointestinal Endoscopes in Tehran, Iran: an Alarming Sign for the Occurrence of Severe Outbreaks. *Microbiology Spectrum*. 2022 Sep 29:e01897-22. IF: 9.043
57. Azimirad M, Noori M, Azimirad F, Gholami F, Naseri K, Yadegar A, Asadzadeh Aghdaei H, Zali MR. Curcumin and capsaicin regulate apoptosis and alleviate intestinal inflammation induced by *Clostridioides difficile* in vitro. *Annals of Clinical Microbiology and Antimicrobials*. 2022 Dec;21(1):1-6. IF: 6.781
58. Rajabnia M, Hajimirzaei SM, Hatamnejad MR, Shahrokh S, Ghavami SB, Farmani M, Salarieh N, Ebrahimi N, Kazemifard N, Farahanie A, Sherkat G. Obesity, a challenge in the management of inflammatory bowel diseases. *Immunologic Research*. 2022 Aug 29:1-0. IF: 4.505
59. Rafieepoor M, Mohebbi SR, Hosseini SM, Tanhaei M, Niasar MS, Kazemian S, Aghdaei HA, Moore MD, Zali MR. Detection of SARS-CoV-2 RNA in selected agricultural and food retail environments in Tehran, Iran. *Frontiers in Public Health*. 2022;10. IF: 6.461
60. Rostami K, Ensari A, Marsh MN, Srivastava A, Villanacci V, Carroccio A, Asadzadeh Aghdaei H, Bai JC, Bassotti G, Becheanu G, Bell P. Gluten induces subtle histological changes in duodenal mucosa of patients with non-coeliac gluten sensitivity: a multicentre study. *Nutrients*. 2022 Jun 15;14(12):2487. <https://doi.org/10.3390/nu14122487>. IF: 5.42
61. Miri AH, Kamankesh M, Llopis-Lorente A, Liu C, Wacker MG, Haririan I, Asadzadeh Aghdaei H, Hamblin MR, Yadegar A, Rad-Malekshahi M, Zali MR. The Potential Use of Antibiotics Against *Helicobacter pylori* Infection: Biopharmaceutical Implications. *Front Pharmacol*. 2022 Jun 27;13:917184. DOI: 10.3389/fphar.2022.917184. PMID: 35833028; PMCID: PMC9271669. IF: 5.98
62. Nabavi-Rad A, Sadeghi A, Asadzadeh Aghdaei H, Yadegar A, Smith SM, Zali MR. The double edged sword of probiotic supplementation on gut microbiota structure in *Helicobacter pylori* management. *GutMicrobes*. 2022 Jan Dec;14(1):2108655. DOI: 10.1080/19490976.2022.2108655. PMID: 35951774; PMCID: PMC9373750. IF: 9.3
63. Azimirad M, Jo Y, Kim MS, Jeong M, Shahrokh S, Asadzadeh Aghdaei H, Zali MR, Lee S,

- Yadegar A, Shin JH. Alterations and Prediction of Functional Profiles of Gut Microbiota After Fecal Microbiota Transplantation for Iranian Recurrent *Clostridioides difficile* Infection with Underlying Inflammatory Bowel Disease: A Pilot Study. *J Inflamm Res.* 2022 Jan 6;15:105-116. DOI: 10.2147/JIR.S338212.
64. Abdolahi S, Ghazvinian Z, Muhammadnejad S, Saleh M, Asadzadeh Aghdaei H, Baghaei K. Patient-derived xenograft (PDX) models, applications and challenges in cancer research. *Journal of Translational Medicine.* 2022 Dec;20(1):1-5. <https://doi.org/10.1186/s12967-022-03405-8> IF: 4.965
 65. Mohammad Rahimi H, Yadegar A, Asadzadeh Aghdaei H, Mirjalali H, Zali MR. Modulation of microRNAs and claudin-7 in Caco-2 cell line treated with *Blastocystis* sp., subtype 3 soluble total antigen. *BMC microbiology.* 2022 Dec;22(1):1-1. <https://doi.org/10.1186/s12866-022-02528-8> IF: 4.465
 66. Naseri M, Palizban F, Yadegar A, Khodarahmi M, Asadzadeh Aghdaei H, Hourri H, Zahiri J. Investigation and characterization of human gut phageome in advanced liver cirrhosis of defined etiologies. *Gut pathogens.* 2022 Dec;14(1):1-2. <https://doi.org/10.1186/s13099-022-00482-4> IF: 4.181
 67. Nafari M, Asri N, Rostami-Nejad M, Forouzesh F, Ehsani-Ardakani MJ, Jahanisherfat S, Rezaei-Tavirani M, Aghdaei HA. Elevated interleukin-17A levels despite reduced microRNA-326 gene expression in celiac disease patients under gluten-free diet. *Romanian Journal of Internal Medicine.* 2022 Jul 7. DOI: <https://doi.org/10.2478/rjim-2022-0011> IF: 1.70
 68. Shahrokh S, Baradaran Ghavami S, Asadzadeh Aghdaei H, Parigi TL, Farmani M, Danese S, Ebrahimi Daryani N, Vossoughinia H, Balaii H, Alborzi F, Khoramjoo SM. High prevalence of SARS-Coronavirus-2 in patients with inflammatory bowel disease and the role of soluble angiotensin converting Enzyme2. *Archives of Physiology and Biochemistry.* 2022 Jul 3:1-8. <https://doi.org/10.1080/13813455.2022.2080228> IF: 4.076
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TEACHING ACTIVITIES—HOSPITAL OR OFFICE-BASED

- Director of seventh National Conference of Iranian Students of Medical Sciences in “Allergy & Clinical Immunology”, November 1993
- Chief resident of Internal Medicine Wards in Taleghani Hospital, Shaheed Beheshti University of Medical Sciences (SBUMS), Tehran, Iran.
- Executive manager of gastrointestinal lumen cancers congress. May 2008. Razavi Hospital, Mashhad, Iran.
- Scientific chairman of the first International Inflammatory Bowel Disease Congress, May 2013, Razavi Hospital, Mashhad, Iran.
- Scientific chairman of the first International Endosonography congress, May 2015, Razavi Hospital, Mashhad, Iran.
- Scientific chairman of the second International Endosonography congress, Sep 2017, RIGLD, SBMU, Tehran, Iran.

HOSPITAL/UNIVERSITY COMMITTEE APPOINTMENTS

- 1992-1994 Manager of Medical Students Research Center. MUMS, Mashhad, Iran
- 1997-1999 Working as a molecular biology technician in Genetic Dept. of Bu-ali Research Institute, MUMS, Mashhad, Iran.
- 1999-2002 The fundamentals of research methodology and biostatistics in Research Center for Gastroenterology and Liver Diseases (RCGLD); SBUMS, Tehran, Iran.
- March 2001 Molecular Biology Workshop; Genetic Research Center of Rehabilitation and Welfare University; Tehran, Iran.
- 2001-2002 Manager & Counselor of “Gastrointestinal Cancer Genetic Counseling Clinic” in RCGLD.
- 2002-2009 Working part time as a Clinical research methodologist & Cancer genetic counselor in Human Genetic Dept of Bu-ali Research Institute, MUMS, Mashhad, Iran.

LECTURE PRESENTATIONS

1. Herbal medicine for gastrointestinal and liver diseases 2020.1.16
2. Inflammatory bowel disease 2020.2.6
3. Inflammatory bowel disease 2020.9.10
4. Inflammatory bowel disease 2020.10.2
5. Diagnostic and therapeutic challenges in Barrett’s esophagus 2020.10.29
6. Biliary stenosis, RF, bile duct stones – ICGH2020 2020.12.5
7. Rectal Cancer Webinar 2021.6.21
8. The place of budesonide in gastrointestinal diseases 2021.10.14
9. Inflammatory Bowel Disease (IBD) News 2021.10.22
10. Treatment of Crohn’s disease 2021.11.20

REFERENCES

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