

PEER-REVIEWED JOURNAL ARTICLES

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| 2023 | <ol style="list-style-type: none"> 1. Adam M, Nahzat S, Kakar Q, Assada M, Witkowski B, Tag Eldin Elshafie A,, Abdul-Ghani R, et al. Antimalarial drug efficacy and resistance in malaria-endemic countries in HANMAT-PIAM_net countries of the Eastern Mediterranean Region 2016–2020: Clinical and genetic studies. <i>Trop Med Int Health</i>. 2023 Sep 13. Link 2. Al-Mikhlaify AA, Al Karawani M, Abdul-Ghani R, Alsubol I, Al-Awadi AA, Nassar MY. COVID-19 vaccine acceptability and hesitancy among healthcare workers in Sana'a City, Yemen. <i>East Mediterr Health J</i>. 2023;29 (in press). Link 3. da Silva CFA, Virguez E, Eker S, Zdenek CN, Bergh C, Gerarduzzi C, Ge Y, Klinger M, Allareddy V, Hoots E, Henriquez T, Waiho K, D'Ippoliti C, Al Harraq A, Xu H, Zou J, Xia Y, Abdul-Ghani R, Chugh M. The future of scientific societies. <i>Science</i>. 2023;380(6640):30-32. Link 4. Saleh AG, Shehab AY, Abdul-Ghani R, Allam AF, Osman MM, Ibrahim HS, El-Taweel HA, Moneer EA, Hagraas NA, Farag HF. Key cytokines and hematological parameters in patients with uncomplicated falciparum malaria in Hodeidah, Yemen. <i>Cytokine</i>. 2023;164:156156. Link |
| 2022 | <ol style="list-style-type: none"> 5. Al-Quhaiti MAA, Abdul-Ghani R, Mahdy MAK, Assada MA. Malaria among under-five children in rural communities of Al-Mahweet governorate, Yemen. <i>Malar J</i>. 2022;21:344. Link 6. Abdul-Ghani R, Al-Brhami KAR, Baalawi AKM, Khodeif AAM, Al-Washali AAY, Abo-Hadi AHY, et al. Intestinal parasitic infections among type-2 diabetics seeking healthcare in Sana'a city, Yemen. <i>Ann Parasitol</i>. 2022;68(4):673-83. Link 7. Al-Azazi AA, Abdul-Ghani R, El-Sayad MH, Sadek NA, El-Taweel HA. Levels of serum ferritin and hepcidin in patients with uncomplicated falciparum malaria in Hodeidah, Yemen: Considerations for assessing iron status. <i>Hemoglobin</i>. 2022;46(2):100-5. Link 8. Al-Brhami KA, Abdul-Ghani R, Al-Qobati SA. Intestinal microsporidiosis among HIV/AIDS patients receiving antiretroviral therapy in Sana'a city, Yemen: first report on prevalence and predictors. <i>BMC Infect Dis</i>. 2022;22(1):1-10. Link 9. Al-Awadi AA, Abdul-Ghani R, Al-Mekhlafi AM. Toxoplasma gondii Infection Among Institutionalized Children with Down syndrome in Sana'a city, Yemen: Implications of Low IgG Seroprevalence. <i>Acta Parasitol</i>. 2021;1-5. Link |
| 2021 | <ol style="list-style-type: none"> 1. Abdul-Ghani R, Mahdy MAK, Alkubati S, Al-Mikhlaify AA, Alhariri A, Das M, Dave K, Gil-Cuesta J. Malaria and dengue in Hodeidah city, Yemen: high proportion of febrile outpatients with dengue or malaria, but low proportion co-infected. <i>PLOS ONE</i>. 2021;16(6):1–15. Link 2. Elkhalfi AME, Abdul-Ghani R, Tamomh AG, Eltaher NE, Ali NY, Ali MM, Bazie EA, KhirAlla; Fatin DfaAlla A, Alhasan OAM. Hematological indices and abnormalities among patients with uncomplicated falciparum malaria in Kosti city of the White Nile State, Sudan: a comparative study. <i>BMC Infect Dis</i>. 2021;21(1):507. Link |
| 2020 | <ol style="list-style-type: none"> 1. Abdul-Ghani R, Fouque F, Mahdy MA, Zhong Q, Al-Eryani SM, Alkwri A, Beier JC. Multisectoral approach to address chikungunya outbreaks driven by human mobility: a systematic review and meta-analysis. <i>J Infect Dis</i>. 2020;222:S709–16. Link 2. Alwajeih TS, Abdul-Ghani R, Allam AF, Farag HF, Khalil SSM, Shehab AY, et al. Uncomplicated falciparum malaria among schoolchildren in Bajil district of Hodeidah governorate, west of Yemen: Association with anaemia and underweight. <i>Malar J</i>. 2020;19:1. Link |
| 2019 | <ol style="list-style-type: none"> 1. Abdul-Aziz M, Mahdy MAK, Abdul-Ghani R, Alhilali NA, Al-Mujahed LKA, Alabsi SA, Al-Shawish FAM, Alsarari NJM, Bamashmos W, Abdulwali SJH, Al Karawani M, Almikhlaify AA. Bacterial vaginosis, vulvovaginal candidiasis and trichomonal vaginitis among reproductive-aged women seeking primary healthcare in Sana'a city, Yemen. <i>BMC Infect Dis</i>. 2019;19(1):879. Link 2. Abdul-Ghani R, Mahdy MAK, Al-Eryani SMA, Fouque F, Lenhart AE, Alkwri A, Al-Mikhlaify AM, Wilke ABB, Thabet AAQ, Beier JC. Impact of population displacement and forced movements on the transmission and outbreaks of Aedes-borne viral diseases: Dengue as a model. <i>Acta Trop</i>. 2019;197:105066. Link 3. Kumar B, Jensen MM, Strielkowski W, Johnston JT, Sharma V, Dandara C, Shehata MM, Struett MM, Nikolaou A, Szymanski DW, Abdul-Ghani R, Cao B, Varzinczak LH, Kerman BE, Arthur PK, Oda FS, Bohon W, Ellwanger JH, Tyner S, Jordan EJ, Murphy C. NextGen Voices: Science-inspired sustainable behavior. <i>Science</i>. 2019;364(6443):822824. Link 4. Shehata AI, Hassanein F, Abdul-Ghani R. Opportunistic parasitoses among Egyptian hemodialysis patients in relation to CD4+ T-cell counts: a comparative study. <i>BMC Infect Dis</i>. 2019;19(1):480. Link 5. Abdul-Ghani R, Al-Nahari A, Yousef A, Al-Haj A, Aqlan A, Jaadan E, Barood H, Al-Dubai N, Sharaf N. <i>Toxoplasma gondii</i> infection in relation to pregnancy characteristics and bad obstetric history among pregnant women seeking healthcare in Sana'a city, Yemen. <i>Yemeni J Med Sci</i>. 2019;13(1):10–22. Link |

- 2018**
1. **Abdul-Ghani R.** Fascioliasis in Yemen: A Long Track of Neglect despite Reports of Existence. *Yemeni J Med Sci.* 2018;12(1):1–4. [Link](#)
 2. Allam AF, Farag HF, Osman MM, Hagraas NA, Ahmed MAR, Zaki A, **Abdul-Ghani R**, Shehab AY. Progress towards schistosomiasis elimination: application of sensitive diagnostic techniques. *Prim Health Care* 2018; 8: 305. [Link](#)
 3. Mahdy MAK, **Abdul-Ghani R**, Abdulrahman TAA, Al-Eryani SMA, Al-Mekhlafi AM, Alhaidari SAA, et al. *Onchocerca volvulus* infection in Tihama region - west of Yemen: Continuing transmission in ivermectin-targeted endemic foci and unveiled endemicity in districts with previously unknown status. *PLoS Negl Trop Dis.* 2018 12(3): e0006329. [Link](#)
 4. Azazy AA, Alhawary AJ, **Abdul-Ghani R**, Alharbi RA, Almalki SSR. Evaluation of rapid PfHRP-2/pLDH-based tests in diagnosing microscopy-confirmed falciparum malaria in Hodeidah governorate, Yemen. *Acta Trop.* 2018;178C:252-7. [Link](#)
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- 2017**
1. Hassanein FI, Shehata AI, **Abdul-Ghani R.** *G. lamblia* and *H. pylori* infections among mentally challenged individuals in rehabilitation centers in Alexandria, Egypt. *J Infect Dev Ctries.* 2017;11(7):577–82. [Link](#)
 2. Al-Eryani SM, Mahdy MA, Al-Mekhlafi AM, **Abdul-Ghani R.** Access to and use of long-lasting insecticidal nets and factors associated with non-use among communities in malaria-endemic areas of Al Hudaydah governorate in the Tihama region, west of Yemen. *Malar J.* 2017;16:244. [Link](#)
 3. Mahdy MA, Alareqi LM, **Abdul-Ghani R**, Al-Eryani SM, Al-Mikhlafi AA, Al-Mekhlafi AM, et al. A community-based survey of *Toxoplasma gondii* infection among pregnant women in rural areas of Taiz governorate, Yemen: the risk of waterborne transmission. *Infect Dis Poverty.* 2017;13;6(1):26. [Link](#)
 4. **Abdul-Ghani R**, Mahdy MA, Beier JC, Basco LK. Hidden reservoir of resistant parasites: the missing link in the elimination of falciparum malaria. *Infect Dis Poverty* 2017;6;6(1):12. [Link](#)
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- 2016**
1. **Abdul-Ghani R.** Combat against neglected parasitic diseases in Yemen: The need for mapping as a prerequisite for elimination. *Yemeni J Med Sci.* 2016;10:1–5. [Link](#)
 2. Alyousefi TA, **Abdul-Ghani R**, Mahdy MA, Al-Eryani SM, Al-Mekhlafi AM, Raja YA, Shah SA, Beier JC. A household-based survey of knowledge, attitudes and practices towards dengue fever among local urban communities in Taiz Governorate, Yemen. *BMC Infect Dis.* 2016; 16(1):543. [Link](#)
 3. Al-Mekhlafi AM, **Abdul-Ghani R**, Al-Eryani SM, Saif-Ali R, Mahdy MAK. School-based prevalence of intestinal parasitic infections and associated risk factors in rural communities of Sana'a, Yemen. *Acta Trop.* 2016; 133: 162–41. [Link](#)
 4. **Abdul-Ghani R**, Mahdy MAK, Beier JC. Onchocerciasis in Yemen: Time to take action against a neglected tropical parasite. *Acta Trop.* 2016; 162:133–41. [Link](#)
 5. **Abdul-Ghani R**, Mahdy MAK, Saif-Ali R, Alkubati SA, Alqubaty AR, Al-Mikhlafi AA, Al-Eryani SM, Al-Mekhlafi AM, Alhaj A. Glucose-6-phosphate dehydrogenase deficiency among Yemeni children residing in malaria-endemic areas of Hodeidah governorate and evaluation of a rapid diagnostic test for its detection. *Malar J.* 2016;15:327. [Link](#)
 6. Alareqi LM, Mahdy MAK, Lau Y-L, Fong M-Y, **Abdul-Ghani R**, Mahmud R. Molecular markers associated with resistance to commonly used antimalarial drugs among *Plasmodium falciparum* isolates from a malaria-endemic area in Taiz governorate, Yemen during the transmission season. *Acta Trop.* 2016;162:174–9. [Link](#)
 7. Mahdy MA, Al-Mikhlafi AMK, **Abdul-Ghani R**, Saif-Ali R, Al-Mekhlafi HM, Al-Eryani SM, Lim YA, Mahmud R. First molecular characterization of *Leishmania* species causing visceral leishmaniasis among children in Yemen. *PLoS One* 2016;11(3):e0151265. [Link](#)
 8. Shehata AI, Hassanein FI, **Abdul-Ghani R.** Seroprevalence of *Toxoplasma gondii* infection among patients with non-schizophrenic neurodevelopmental disorders in Alexandria, Egypt. *Acta Trop.* 2016; 154 (2): 155–9. [Link](#)
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- 2015**
1. **Abdul-Ghani R.** Malaria research priorities in Yemen: paving the way for malaria elimination. *Yemeni J Med Sci.* 2015;9:1–5. [Link](#)
 2. **Abdul-Ghani R**, Basco LK, Beier JC, Mahdy MAK. Inclusion of gametocyte parameters in anti-malarial drug efficacy studies: filling a neglected gap needed for malaria elimination. *Malar J.* 2015;14(1):413. [Link](#)
 3. Allam AF, Farag HF, Zaki A, Kader OA, **Abdul-Ghani R**, Shehab AY. Detection of low-intensity *Schistosoma mansoni* infection by Percoll sedimentation and real-time PCR techniques in a low-endemicity Egyptian setting. *Trop Med Int Health* 2015; 20(5):658-64. [Link](#)
 4. **Abdul-Ghani R.** Towards e-parasitology: making use of virtual microscopy. *Trop Med Int Health* 2015;20(2):227–9. [Link](#)

2014	1. Abdul-Ghani R, Beier JC. Strategic use of antimalarial drugs that block falciparum malaria parasite transmission to mosquitoes to achieve local malaria elimination. <i>Parasitol Res.</i> 2014;113(10):3535-46. Link 2. Abdul-Ghani R. Towards rapid genotyping of malaria parasites: could loop-mediated isothermal amplification be the solution? <i>Malar J.</i> 2014;13:237. Link 3. Abdul-Ghani R, Al-Maktari MT, Al-Shibani LA, Allam AF. A better resolution for integrating methods for monitoring <i>Plasmodium falciparum</i> resistance to antimalarial drugs. <i>Acta Trop.</i> 2014;137(9):44-57. Link 4. Abdul-Ghani R, Farag HF, Allam AF, Azazy AA. Measuring resistant-genotype transmission of malaria parasites: challenges and prospects. <i>Parasitol Res.</i> 2014;113(4):1481-7. Link 5. Abdul-Ghani R, Farag HF, Allam AF, Shawky SM. Prevailing <i>Plasmodium falciparum</i> dihydrofolate reductase 108-asparagine in Hodeidah, Yemen: A questionable sulfadoxine-pyrimethamine partner within the artemisinin-based combination therapy. <i>Acta Trop.</i> 2014;132(1):39-44. Link
2013	1. Abdul-Ghani R, Farag HF, Allam AF, Shawky SM, Al-Mekhlafi AM. Mutant <i>Plasmodium falciparum</i> chloroquine resistance transporter in Hodeidah, Yemen: Association with parasitologic indices and treatment-seeking behaviors. <i>Acta Trop.</i> 2013;128(3):473-8. Link 2. Abdul-Ghani R, Farag HF, Allam AF. Sulfadoxine-pyrimethamine resistance in <i>Plasmodium falciparum</i>: a zoomed image at the molecular level within a geographic context. <i>Acta Trop.</i> 2013;125(2):163-90. Link
2012	1. Hassan A, Farouk H, Hassanein F, Abdul-Ghani R, Abdelhady AH. <i>Acanthamoeba</i> contamination of hemodialysis and dental units in Alexandria, Egypt: a neglected potential source of infection. <i>J Infect Public Health</i> 2012;5(4):304-10. Link 2. Hassan A, Farouk H, Abdul-Ghani R, Hassanein F. Contamination of irrigation systems of dental units with <i>Cryptosporidium</i> species in Alexandria, Egypt: a neglected disinfection pitfall. <i>Risk Manag Healthc Policy</i> 2012;5:93-5. Link 3. Abdul-Ghani R, Al-Mekhlafi AM, Karanis P. Loop-mediated isothermal amplification (LAMP) for malarial parasites of humans: would it come to clinical reality as a point-of-care test? <i>Acta Trop.</i> 2012;122(3):233-40. Link 4. Abdul-Ghani R, Al-Mekhlafi AM, Alabsi MS. Microbial control of malaria: biological warfare against the parasite and its vector. <i>Acta Trop.</i> 2012; 121(2):71-84. Link 5. Hassan A, Farouk H, Abdul-Ghani R. Parasitological contamination of freshly eaten vegetables collected from local markets in Alexandria, Egypt: A preliminary study. <i>Food Cont.</i> 2012;26(2):500-3. Link
2011	1. Hassan A, Farouk H, Hassanein F, Abdul-Ghani R. Currency as a potential environmental vehicle for transmitting parasites among food-related workers in Alexandria, Egypt. <i>Trans R Soc Trop Med Hyg.</i> 2011;105(9):519-24. Link 2. Abdul-Ghani R, Loutfy N, Sheta M, Hassan A. Artemether shows promising female schistosomicidal and ovicidal effects on the Egyptian strain of <i>Schistosoma mansoni</i> after maturity of infection. <i>Parasitol Res.</i> 2011;108(5):1199-205. Link 3. Abdul-Ghani R. Polymerase chain reaction in the diagnosis of congenital toxoplasmosis: more than two decades of development and evaluation. <i>Parasitol Res.</i> 2011;108(3):505-12. Link 4. Abdul-Ghani R, Loutfy N, Sheta M, Hassan A. Chemotherapeutic efficacy of a natural combination in the treatment of mansonic schistosomiasis: an experimental study. <i>Res Rep Trop Med</i> 2011;2:1-7. Link
2010	1. Abdul-Ghani R, Loutfy N, Sheta M, Hassan A. Efficacy of low-dose myrrh protocols in the treatment of experimental schistosomiasis mansoni: hepatic improvement without parasitologic cure. <i>Res Rep Trop Med.</i> 2010;1:65-71. Link 2. Abdul-Ghani R, Hassan AA. Murine schistosomiasis as a model for human schistosomiasis mansoni: similarities and discrepancies. <i>Parasitol Res.</i> 2010;107(1):1-8. Link
2009	1. Abdul-Ghani R, Loutfy N, Hassan A. Experimentally promising antischistosomal drugs: a review of some drug candidates not reaching the clinical use. <i>Parasitol Res.</i> 2009;105(4):899-906. Link 2. Abdul-Ghani R, Loutfy N, Hassan A. Myrrh and trematodoses in Egypt: an overview of safety, efficacy and effectiveness: profiles. <i>Parasitol Int.</i> 2009;58(3):210-4. Link 3. Abdul-Ghani R, Loutfy N, el-Sahn A, Hassan A. Current chemotherapy arsenal for schistosomiasis mansoni: alternatives and challenges. <i>Parasitol Res.</i> 2009;104(5):955-65. Link

BOOK

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| 2017 | <ul style="list-style-type: none"> • Abdul-Ghani R. Basics of Molecular and Cellular Biology: A Textbook for Medical Laboratory Sciences. 1st ed. Sana'a: Kanz Al-Jamia Publishing Center, Faculty of Medicine and Health Sciences, Sana'a University. |
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PRESENTATIONS, ABSTRACTS & POSTERS

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| 2022 | <ul style="list-style-type: none"> • Al-Barhmi K, Abdul-Ghani R. A preliminary report on intestinal microsporidiosis among Yemeni HIV/AIDS patients on antiretroviral therapy. Fifth Yemen Field Epidemiology Training Program (YFETP) National Conference, Sana'a, Yemen, 28 February – 3 March. |
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2020	• Abdul-Ghani R, Mahdy MAK, Alkubati S, Almikhlafty AA, Alhariri A, Das M, Dave K, Cuesta JG. Malaria and dengue in Hodeidah city, Yemen: the importance of laboratory confirmation. MSF Scientific Days, Médecins Sans Frontières (MSF), London, UK, 13–14 May. Link
2018	• Allam AF, Farag HF, Osman MM, Ahmed MAR, Hagra NAE, Zaki A, Abdul-Ghani R, Shehab AY. Comparison of circulating cathodic antigen cassette test and real-time PCR in diagnosis of schistosomiasis mansoni with different infection intensities. 4th World Congress on Public Health, Epidemiology & Nutrition, Osaka, Japan, 24 & 25 May. Link
2017	• Abdul-Ghani R. Impact of People Displacement and Human Mobility on the Transmission and Epidemiology of Vector-borne Diseases. workshop on “Developing multi-sectoral approaches to prevent and control vector-borne diseases”, Geneva, Switzerland, 27 June.

INVITED SPEAKER

2018	• Sixth Edition of Geneva Health Forum in the session of “Global Health Security — Towards Multisectoral Collaborations to Confront the Increasing Threat of Vector-Borne Diseases” organized by the Swiss Agency for Development and Cooperation in Geneva, Switzerland, 10-12 April.
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OTHER

2023	• Drafting the document “Malaria Situation Assessment in Socotra Governorate, Yemen” for the WHO Office in Aden, Yemen.
2021	• Contribution to the WHO document “The selection and use of essential in vitro diagnostics: Report of the third meeting of the WHO Strategic Advisory Group of Experts on In Vitro Diagnostics”, WHO Technical Report Series, No. 1031. Link • Drafting the “Technical Review and Update of Yemen’s National Malaria Strategic Plan (2020–2024)”, Yemen’s NMCP in collaboration with WHO.
2020	• Contribution to the WHO document “Multisectoral Approach for the Prevention and Control of Vector-Borne Diseases: A Conceptual Framework”. Link
2019	• Contribution to the WHO document “The selection and use of essential in vitro diagnostics: Report of the second meeting of the WHO Strategic Advisory Group of Experts on In Vitro Diagnostics”, WHO Technical Report Series, No. 1022. Link • Preparation and drafting the “Malaria Case Management” section of the Malaria Programme Review (MPR) 2018 (MPR 2018), Yemen’s NMCP in collaboration with WHO. • Drafting the “National Malaria Strategic Plan (2020–2024)” for Yemen’s NMCP in collaboration with WHO.
2016	• First deposition of <i>L. chagasi</i> isolates causing visceral leishmaniasis among children in Yemen (Accession numbers: KT751245 to KT751269) within the <i>L. donovani</i> complex from Yemen in GeneBank® (NCBI). Link