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SUMMARY:

Publication	17
Book Chapters	00
Contributions To Reports, Guidelines and Policy Documents:	00

PUBLICATION:

Year 2024

1. AMP case report: Acute myeloid leukemia with hyperdiploidy. Ansar Z, Alam H, Shariq M, Hayat H, **Nasir A** and Moatter T. <https://www.captodayonline.com/amp-case-report-acute-myeloid-leukemia-with-hyperdiploidy/>.
2. Mutation Analysis of Epidermal Growth Factor Receptor Gene in Non-Small Cell Lung Cancer for Selection of Patients Eligible for Tyrosine Kinase Inhibitor Therapy . Ansar Z, Nasir A and Moatter T. J Cancer Allied Spec. 2024 Feb.8;10(1). <https://journals.sfu.ca/jcas/index.php/jcas/article/view/569>.

Year 2023

3. Tracking SARS-CoV-2 variants through pandemic waves using RT-PCR testing in low-resource settings. **Nasir A**, Aamir UB, Kanji A, Bukhari AR, **Ansar Z**, Ghanchi NK, Masood KI, Samreen A, Islam N, Ghani S, Syed MA, Wassan M, Mahmood SF and Hasan Z. PLOS Glob Public Health. 2023 Jun 1;3(6):e0001896. DOI: [10.1371/journal.pgph.0001896](https://doi.org/10.1371/journal.pgph.0001896)

Year 2022

4. Spectrum of Cystic Fibrosis Conductance Regulator Gene Mutations Reported in Pakistani Descent Cystic Fibrosis Patients. Majid H, Khan AH, Hashmi SB, Moatter T and **Nasir A**. J Coll Physicians Surg Pak. 2022 Aug;32(8):1042-1046. DOI: [10.29271/jcpsp.2022.08.1042](https://doi.org/10.29271/jcpsp.2022.08.1042).
5. Evolutionary history and introduction of SARS-CoV-2 Alpha VOC/B.1.1.7 in Pakistan through international travelers. **Nasir A**, Bukhari AR, Trovão NS, Thielen PM, Kanji A, Mahmood SF, Ghanchi NK, Ansar Z, Merritt B, Mehoke T, Razzak SA, Syed MA, Shaikh SR, Wassan M, Aamir UB, Baele G, Rasmussen Z, Spiro D, Hasan R and Hasan Z. Virus Evol. 2022 Mar 17;8(1):veac020. DOI: [10.1093/ve/veac020](https://doi.org/10.1093/ve/veac020).
6. Variants associated with Bedaquiline (BDQ) resistance identified in Rv0678 and efflux pump genes in Mycobacterium tuberculosis isolates from BDQ naïve TB patients in Pakistan. Saeed DK, Shakoor S, Razzak SA, Hasan Z, Sabzwari SF, Azizullah Z, Kanji A, **Nasir A**, Shafiq S, Ghanchi NK and Hasan R. BMC Microbiol. 2022 Feb 25;22(1):62. DOI: [10.1186/s12866-022-02475-4](https://doi.org/10.1186/s12866-022-02475-4).

Year 2021

7. Discrepancy between PCR based SARS-CoV-2 tests suggests the need to re-evaluate diagnostic assays. Mushtaq Z, Shakoor S, Kanji A, Shaheen N, **Nasir A**, Zeeshan Ansar Z, Ahmed I, Mahmood SF, Hasan R, Hasan Z. Research square. DOI: <https://doi.org/10.21203/rs.3.rs-551208/v1>. <https://www.researchsquare.com/article/rs-551208/v1>.
8. Upregulated type I interferon responses in asymptomatic COVID-19 infection are associated with improved clinical outcome. Masood KI, Yameen M, Ashraf J, Shahid S, Mahmood SF, **Nasir A**, Nasir N, Jamil B, Ghanchi NJ, Khanum I, Razzak SA, Kanji A, Hussain R, Rottenberg ME, Hasan Z. <https://doi.org/10.1038/s41598-021-02489-4>, www.nature.com/scientificreports.
9. Higher entropy observed in SARS-CoV-2 genomes from the first COVID-19 wave in Pakistan. Ghanchi NK, **Nasir A**, Masood KI, Abidi SH, Mahmood SF, Kanji A, Razzak S, Khan W, Shahid S, Yameen M, Raza A, Ashraf J, Ansar Z, Dharejo MB, Islam N, Hasan Z, Hasan R. PLoS One. 2021 Aug 31;16(8):e0256451. eCollection 2021. doi: [10.1371/journal.pone.0256451](https://doi.org/10.1371/journal.pone.0256451). <https://pubmed.ncbi.nlm.nih.gov/34464419/>.
10. Blood transcriptome signatures in healthy controls from the pandemic period display Interferon response genes similar to that of Asymptomatic COVID-19 Patients. Masood KI, Yameen M, Ashraf J, Shahid S, Mahmood SF, **Nasir A**, Nasir N, Jamil B, Ghanchi N, Khanum I, Razzak S, Kanji A, Rottenberg M, Hasan Z. 18th Annual conference of Medical Microbiology & Infectious Diseases Society of Pakistan MMIDSP virtual conference. 2021 May 27-29.

Year 2020

11. SARS-CoV-2 genome analysis of strains in Pakistan reveals GH, S and L clade strains at the start of the pandemic. Ghanchi NK, Masood KI, **Nasir A**, Khan WU, Abidi SH, Shahid S, Mahmood SF, Kanji A, Razzak S, Ansar Z, Islam N, Dharejo MB, Hasan Z, Rumina Hasan. bioRxiv 2020.08.04.234153. https://www.biorxiv.org/content/10.1101/2020.08.04.234153v1.full?_cf_chl_jschl_tk=_wetXj_nH9p.ksLtyWjvKQN.8pDU8yIs6MnrAFMaCFh0-1638763778-0-gaNycGzNCJE. <https://app.dimensions.ai/details/publication/pub.1129911991>.
12. Transcriptomic profiling of disease severity in patients with COVID-19 reveals role of blood clotting and vasculature related genes. Masood KI, Mahmood SF, Shahid S, Nasir N, Ghanchi N, **Nasir A**, Jamil B, Khanum I, Razzak S, Kanji A, Hasan Z. medRxiv. <https://www.medrxiv.org/content/10.1101/2020.06.18.20132571v1>.

Year 2019

13. 277P - Characteristics of BCR-ABL rearrangement variants in Pakistani patients with chronic myeloid leukemia and acute lymphocytic leukemia. Ahmed ZA, **Nasir A**, Sheikh MS, Rizvi AQ, Moatter T. <https://doi.org/10.1093/annonc/mdz427.011>. <https://www.sciencedirect.com/science/article/pii/S0923753419579510>.
14. MLPA Analyses Reveal a Spectrum of Dystrophin Gene Deletions/Duplications in Pakistani Patients Suspected of Having Duchenne/Becker Muscular Dystrophy: A Retrospective Study. Ansar Z, **Nasir A**, Moatter T, Khan S, Kirmani S, Ibrahim S, Imam K, Ather A, Samreen A, Hasan Z. Genet Test Mol Biomarker. 2019

Jul;23(7):468-472. [doi: 10.1089/gtmb.2018.0262](https://doi.org/10.1089/gtmb.2018.0262). Epub 2019 May 31.
<https://pubmed.ncbi.nlm.nih.gov/31157985/>

Year 2018

15. Prenatal Diagnosis of Dystrophin Gene Mutations using Multiplex Ligation Dependent Probe Amplification (MLPA) for Duchene Muscular Dystrophy. **Nasir A**, Ansar Z, Munim S, et al. Biomedical Journal of Scientific & Technical Research, Biomedical Research Network+, LLC. 2018 December; 12(3), pages 1-3. [DOI: 10.26717/BJSTR.2018.12.002251](https://doi.org/10.26717/BJSTR.2018.12.002251). <https://ideas.repec.org/a/abf/journal/v12y2018i3p1-3.html>.

Year 2014

16. Post-transcriptional regulation of BCL2 mRNA by the RNA-binding protein ZFP36L1 in malignant B cells. Zekavati A, **Nasir A**, Alcaraz A, Aldrovandi M, Marsh P, Norton JD, Murphy JJ. PLoS One. 2014 Jul 11;9(7): e102625. [doi:10.1371/journal.pone.0102625](https://doi.org/10.1371/journal.pone.0102625). eCollection2014.
<https://pubmed.ncbi.nlm.nih.gov/25014217/>.

Year 2012

17. ZFP36L1 negatively regulates plasmacytoid differentiation of BCL1 cells by targeting BLIMP1 mRNA. **Nasir A**, Norton JD, Baou M, Zekavati A, Bijlmakers MJ, Thompson S, Murphy JJ. PLoS One. 2012 December;7(12): e52187. [doi:10.1371/journal.pone.0052187](https://doi.org/10.1371/journal.pone.0052187). <https://pubmed.ncbi.nlm.nih.gov/23284928/>.