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Section of Molecular Pathology

Department of Pathology and Laboratory Medicine

SUMMARY:

Publication	93
Book Chapters	04
CONTRIBUTIONS TO REPORTS, GUIDELINES AND POLICY DOCUMENTS:	00

PUBLICATION:

Year 2024

1. Prevalence of high-risk human papillomavirus in oral squamous cell carcinoma with or without chewing habits. Anwar N, Chundrigger Q, Awan S, **Moatter T**, Ali TS, Abdul Rasheed M, and Pervez S. PLoS One. 2024 May 1;19(5):e0300354. DOI: [10.1371/journal.pone.0300354](https://doi.org/10.1371/journal.pone.0300354).
2. AMP case report: Acute myeloid leukemia with hyperdiploidy. Ansar Z, Alam H, Shariq M, Hayat H, Nasir A, **Moatter T**. <https://www.captodayonline.com/amp-case-report-acute-myeloid-leukemia-with-hyperdiploidy/>.
3. 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

4. Sequence variants in the BTD underlying biotinidase deficiency in families of Pakistani origin. **Moatter T**, Ahmed S, Majid H, Jafri L, Bilal M, Najumuddin, Faisal and Khan AH. J Gene Med. 2023 Sep 26:e3597. DOI: [10.1002/jgm.3597](https://doi.org/10.1002/jgm.3597)

Year 2022

5. Spectrum of Cystic Fibrosis Conductance Regulator Gene Mutations Reported in Pakistani Descent Cystic Fibrosis Patients Majid H, Khan AH, Hashmi SB, Moatter T, 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).

Year 2021

6. Molecular Epidemiology of BCR-ABL Rearrangement Variants in Chronic Myeloid Leukemia and Acute Lymphocytic Leukemia from Major Institute of Pakistan. Raza HA, Shaikh MS, Hayat MH, Ansari H, Rashid HB, Moatter T, and Ahmed ZA. J Blood Lymph Volume. 2021;11: (8). <https://www.researchgate.net/publication/355874015>.

Year 2020

7. Oral cancer: Clinicopathological features and associated risk factors in a high-risk population presenting to a major tertiary care center in Pakistan. Anwar N, Pervez S, Chundrigger Q, Awan S, **Moatter T**, Ali TS. PLoS One. 2020 Aug 6;15(8): e0236359. doi:10.1371/journal.pone.0236359. eCollection2020. <https://pubmed.ncbi.nlm.nih.gov/32760151/>.
8. Dedifferentiated Liposarcoma with Meningothelial-Like Whorls: Five Additional Cases and Review of the Literature. Tariq MU, Kayani N, **Moatter T**, Din NU. Int J Surg Pathol. 2020 Oct;28(7):749-758. Doi: 10.1177/1066896920921950. <https://pubmed.ncbi.nlm.nih.gov/32419561/>.

Year 2019

9. Polymorphisms in the GC Gene for Vitamin D Binding Protein and Their Association with Vitamin D and Bone Mass in Young Adults. Khan AH, Jafri L, Siddiqui A, Naureen G, Morris H, **Moatter T**. J Coll Physicians Surg Pak. 2019 Aug;29(8):715-719. Doi: 10.29271/jcpsp.2019.08.715. <https://pubmed.ncbi.nlm.nih.gov/31358089/>.
10. 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 Biomarkers. 2019 Jul;23(7):468-472. Doi: 10.1089/gtmb.2018.0262.4666. <https://pubmed.ncbi.nlm.nih.gov/31157985/>.
11. 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. 2019 November;30 (9) <https://doi.org/10.1093/annonc/mdz427.011>. <https://www.sciencedirect.com/science/article/pii/S0923753419579510>.

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12. Frequency of ALK Rearrangement by FISH Testing and its Correlation with ALK-IHC in Adenocarcinoma of Primary Lung Origin. Moatter S, Anwar N, **Moatter T**, Shahid Pervez. Asian Pac J Cancer Prev. 2018 Jun 25;19(6):1735-1738. doi: 10.22034/APJCP.2018.19.6.1735. <https://pubmed.ncbi.nlm.nih.gov/29938474/>.
13. De Novo Complex Translocation 9; 22; 19 (Variant Philadelphia+) in Myelodysplastic Syndrome with Excess Blasts: A Case Report. Ahmed ZA, Shaikh MS, Khalid A, Bushra Moiz, **Moatter T** et al. J Blood Lymph. 2018, 8:1 DOI: 10.4172/2165-7831.1000196. <https://www.hilarispublisher.com/open-access/de-novo-complex-translocation-9-22-19-variant-philadelphia-inmyelodysplastic-syndrome-with-excess-blasts-a-case-report-2165-7831-1000196.pdf>.
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15. Clinical correlation between translocation variant and outcome in Philadelphia chromosome-positive chronic myeloid leukemia and acute lymphoblastic leukemia patients. Ahmed ZA, Uddin A, Siddique S, Roy N, Khattak Z, Shareef M, Aziz Z and

Moatter T. J Women's Health Care. 2018; 7. DOI: 10.4172/2167-0420-C2-012.
[https://www.annalsofoncology.org/article/S0923-7534\(19\)56287-1/fulltext#%20](https://www.annalsofoncology.org/article/S0923-7534(19)56287-1/fulltext#%20).

16. Karyotype complexity and characterization of childhood acute myeloid leukemia (AML) in Pakistan. Ahmed ZA, Shaikh MS, **Moatter T**, Nasir A. 2018 November 01; 29 (9). DOI:<https://doi.org/10.1093/annonc/mdy437.004>.
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Year 2017

17. Anaplastic lymphoma kinase protein positive diffuse large B cell lymphoma; A developing world experience. Salat H, Din NU, **Moatter T**, Kayani N, Ahmed A. Pathol Res Pract. 2017 Jun;213(6): 649-653.doi: 10.1016/j.prp.2017.02.017. Epub 2017 Mar 6.
<https://pubmed.ncbi.nlm.nih.gov/28551388/>.
18. Clinical correlation between translocation variant and outcome in Philadelphia chromosome-positive chronic myeloid leukemia and acute lymphoblastic leukemia patients. Ahmed Z and **Moatter T**. DOI: <https://doi.org/10.1093/annonc/mdx664.002>.
[https://www.annalsofoncology.org/article/S0923-7534\(19\)56287-1/fulltext#%20](https://www.annalsofoncology.org/article/S0923-7534(19)56287-1/fulltext#%20)

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Year 2014

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YEAR 2012

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