



Dr. Asma Saleem Qazi
Assistant Professor
Biological Sciences

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Specialization:

Pathology and Molecular Biology

Education:

PhD Pathology, Dalian Medical University, Dalian, China.

MS Molecular Microbiology, Karachi University, Karachi, Pakistan.

BS (HONS). Microbiology, Karachi University, Karachi, Pakistan.

Experience:

Assistant Professor (2017 – To date), National University of Medical Sciences, Rawalpindi, Pakistan.

Administrative Officer for Research Operations/Development (2016 - 2017), National University of Medical Sciences, Rawalpindi, Pakistan.

Research Officer (2015), Armed Forces Postgraduate Medical Institute, Rawalpindi, Pakistan.

Research Officer (2014-2015), Military College of Signals, National University of Science and Technology, Pakistan.

Course Designer/Organizer (2012-2013) under Eastern Province Council, Al-Khobar, Saudi Arabia.

Research Associate (2011) First Affiliated Hospital of Dalian Medical University, China.

Microbiologist (2007-2008) Muhammad AL-Dossary Hospital, Saudi Arabia.

Instructor (2006-2008) Gulf International Education System, Saudi Arabia.

Research Interests:

Molecular Pathology, Cancer Proteomics & Therapeutics, Stem Cell Biology, Biomarkers Study, Microbial Pathogens, Antibiotics Resistance, Digital Technologies and associated health hazards.

Publications:

1. Subcellular Proteomics: Determination of specific location and expression levels of lymphatic metastasis associated proteins in hepatocellular carcinoma by subcellular fractionation

Asma Saleem Qazi, Mingzhong Sun, Yuhong Huang, Yuanyi Wei, Jianwu Tang
"Biomedicine and Pharmacotherapy" 2011 September, Volume 65, Issue 6, Pages 407-416

2. Recent Advances in Underlying Pathologies Provide Insight into Interleukin-8 Expression-Mediated Inflammation and Angiogenesis

Basit Qazi, Tang Kai, Asma Saleem Qazi

"International Journal of Inflammation" Volume 2011 Article ID 908468: 13 pages

3. The Interleukin 8 Expression and its Possible Relationship with Degenerated and Injured Human Intervertebral Discs

Basit Qazi, Tang Kai, Asma Saleem Qazi

"Journal of Spine" Volume 2013 2(3): pp 1- 8.

4. Down-regulation of ANXA7 decreases metastatic potential of human hepatocellular carcinoma cells in vitro

Ibrahim MM, Sun MZ, Huang Y, Jun M, Jin Y, Yue D, Jiasheng W, Zhang J, Qazi AS, Sagoe K, Tang J.

"Biomedicine and Pharmacotherapy" 2013 May volume;67(4): pp 285-91

5. Gelsolin and Annexin 7 proteins correlates with lymph node metastasis (LNM) in carcinoma cell

Asma Saleem Qazi, Basit Saleem Qazi, Ming Zhong Sun, Jianwu Tang

"Basic research journal of medicine and clinical sciences" 2013 Nov. vol 2(10): pp 107-115.

6. Study of proliferation and invasion activity in different mouse hepatocarcinoma cell lines and location and isoform expression of Annexin A7

Huang Yu-hong, Asma Saleem Qazi, Mingzhong Sun, Jianwu Tang et.al,

"China Journal of modern medicine". 2012- Issue 35 pp 9-13.

7. Book Chapter

Nanomaterials: Toxicity, Risk Management and Public Perception.

Jamil B., Javed R., Qazi A.S., Syed M.A.

Rai M., Biswas J. (Eds) (2018) Nanomaterials: Ecotoxicity, Safety, and Public Perception. **Springer, Cham**

8. Book Chapter

Translational Research in Oncology: Proteomics approaches in cancer treatment, biomarker identification and concept of personalized medicine

Qazi AS, Akbar S, Saeed RF, Bhatti MZ.

Editors: **Masood** N., **Malik** S. (Eds.) (2019) Essentials of Cancer Genomic, Computational Approaches and Precision Medicine. **Springer Nature**