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Qualification				
Year	Degree/Certificate	Name of the Institute/ University	Field of study	
2021	Post Doctorate	Karolinska Institute, Stockholm, Sweden	Neuroblastoma	
2020	Post Doctorate	Karolinska Institute, Stockholm, Sweden	Synovial Sacroma	
2018	Post Doctorate	Karolinska Institute, Stockholm, Sweden	Tumor Molecular Biology	
2017	PhD	Karolinska Institute, Stockholm, Sweden	Tumor Molecular Biology	
2012	MS/ Mphil	University of Skövde, Sweden	Molecular Biology	
2007	Graduation	Quaid-e-Azam University, Islamabad, Pakistan	Biochemistry	
Publications in HEC Recognized journals				
S. No	Title of Paper	Name of Journal	National/ International	Publication date
1	Identification and In Silico Analysis of a Homozygous Nonsense Variant in TGM1 Gene Segregating with Congenital Ichthyosis in a Consanguineous Family	Medicina	International	2023
2	Expression and activation of nuclear hormone receptors result in neuronal differentiation and favorable prognosis in neuroblastoma	Journal of Experimental & Clinical Cancer Research	International	2022
3	An expansion of phenotype: novel homozygous variant in the MED17 identified in patients with progressive	Journal of Neurogenetics	International	2022

	microcephaly and global developmental delay			
4	Cell stemness is maintained upon concurrent expression of RB and the mitochondrial ribosomal protein S18-	Proceedings of the National Academy of Sciences of the United States of America	International	2020
5	The MRPS18-2 protein levels correlate to prostate tumor progression and it induces CXCR4-dependent migration of cancer cells.,	Scientific Reports	International	2018
6	In vivo tumor formation is inhibited due to differentiation and immunogenicity of rat embryonic fibroblasts immortalized by MRPS18-2.	Oncotarget,	International	2017
7	Do MRPS18-2 and RB proteins cooperate to control cell stemness and differentiation?	Experimental Oncology	International	2017
8	S18 family of mitochondrial ribosomal proteins: evolutionary history and Gly132 polymorphism in colon carcinoma.	Oncotarget	International	2016
9	Role of the RB Interacting Proteins in Stem Cell Biology.	Advances in Cancer Research	International	2016
10	Mitochondrial ribosomal protein S18-2 is highly expressed in endometrial cancers along with free E2F1.	Oncotarget	International	2016
11	DNA Tumor Viruses and Cell Metabolism.	Oxidative medicine and cellular longevity	International	2016
12	Mitochondrial ribosomal protein S18-2 evokes chromosomal instability and transforms primary rat skin fibroblasts	Oncotarget	International	2015
13	Different Mechanisms of Regulation of the Warburg Effect in Lymphoblastoid and Burkitt Lymphoma Cells.	PloS One	International	2015
14	The role of the microenvironment in the development of Burkitt lymphoma.	International Journal of Molecular Medicine	International	2015

Work Experience

S. No	From (year)	To (year)	Name of the Institution/ Organization	Position held
1	2021	Todate	Balochistan University of Information Technology Engineering and Management Sciences (BUIEMS)	Assistant Professor
1	2020	2021	Department of Microbiology Tumor and Cell Biology/Karolinska Institute Sweden	Post-Doc

2	2018	2020	Department of Microbiology Tumor and Cell Biology/Karolinska Institute Sweden	Post-Doc
3	2017	2018	Department of Microbiology Tumor and Cell Biology/Karolinska Institute Sweden	Post-Doc
4	2009	2011	Institute of Biochemistry, University of Balochistan, Quetta	Lecturer
Area of specialization			Tumor Molecular Biology	
Research Interest			Novel therapeutic approaches to combat cancer.	
Future Research Plans			Screening of Bioactive compounds to evaluate their anti-cancer activity.	
HEC Approved supervisor			Yes	
If Yes, provide HEC URL			https://www.hec.gov.pk/english/scholarshipsgrants/ASA/Pages/APS-EPORTAL.aspx	
Research grants/ Projects				
Additional Information				