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Designation	Chairperson	
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Qualification

Year	Degree/Certificate	Name of the Institute/ University	Field of study
2016	PhD	International Graduate School for Molecular Medicine Ulm (IgradU) Universität Ulm, Germany	Molecular Medicine
2010	MS	Department of Biotechnology and Informatics, BUITEMS, Quetta Pakistan	Biotechnology and Informatics

Publications in HEC Recognized journals

S. No	Title of Paper	Name of Journal	National/ International	Publication date
1.	*WDR60* mutation causes ciliopathy phenotype in between Bardet-Biedl syndrome and other ciliopathies	*Am J Med Genet*	International	2017
2.	Mutations of *ZAK* cause limb defects in humans and mice.	*Genome Res*	International	2016
3.	Identification of two novel *ALS2* mutations causing infantile-onset ascending hereditary spastic paraplegia in Pakistani families.	*Amyotroph Lateral Scler Frontotemporal Degener*	International	2016
4.	STIL mutation causes autosomal recessive microcephalic lobar holoprosencephaly	*Hum Genet*	International	2015
5.	A hypomorphic *BMPR1B* mutation causes du Pan acromesomelic dysplasia.	*Orphanet J Rare Dis*	International	2015
6.	Dopamine transporter deficiency syndrome: phenotypic spectrum from infancy to adulthood.	*Brain*	International	2014

7.	Missense mutations (p.H371Y; p.D438Y) in gene *CHEK2* are associated with breast cancer risk in women of Balochistan origin.	*Mol Biol Rep*	International	2014
8.	Homozygous missense and nonsense mutations in *BMPR1B* cause acromesomelic chondrodysplasia-type Grebe.	*Eur J Hum Genet*	International	2014
9.	Clinical spectrum of dopamine transporter deficiency syndrome: from infantile parkinsonism-dystonia to juvenile parkinsonism	*Eur J of Paed Neurol,*	International	2014
10.	Exon skipping and severe childhood-onset obesity caused by a leptin receptor mutation.	*Am J Med Genet*	International	2013
11.	De novo mutations of the gene encoding the histone acetyl transferase *KAT6B* in two patients with Say-Barber/Biesecker/Young-Simpson syndrome.	*Am J Med Genet*	International	2013
12.	*SZT2* mutations cause infantile encephalopathy with epilepsy and dysmorphic corpus callosum.	*Am J Hum Genet*	International	2013
13.	A homozygous splice site mutation in *TRAPPC9* causes intellectual disability and microcephaly.	*Eur J Med Genet*	International	2012
14.	A missense mutation (p.G274R) in gene *ASPA* causes Canavan disease in a Pakistani family.	*Mol Biol Rep*	International	2012
15.	Various aspects, patterns and risk factors in breast cancer patients of Balochistan.	*Asian Pac J Cancer Prev*	International	2012
16.	Detection of *BRCA1/2* mutations in breast cancer patients from Thailand and Pakistan.	*Clin Genet*	International	2012
17.	An Alu repeat-mediated genomic *GCNT2* deletion underlies congenital cataracts and adult i blood group.	*Hum Genet*	International	2011
18.	Loss of Function Mutations of *ILDR1* Cause Autosomal-Recessive Hearing Impairment DFNB42.	*Am J Hum Genet*	International	2011
19.	: Identification of a novel *LCA5* mutation in a Pakistani family with Leber congenital amaurosis and cataracts.	*Mol Vis*	International	2011
20.	Epidemiology of Van der Woude Syndrome and Insights of Interferon Regulatory Factor 6 from mutational Analysis of Affected Patients from Pakistan.	*Clin Genet*	International	2010
21.	A novel *HSF4* gene mutation (p.R405X) causing autosomal recessive congenital cataracts in a large consanguineous family from Pakistan.	*BMC Med Genet*	International	2008
22.	Prevalence of hepatitis C virus (HCV) genotypes in Balochistan.	*Mol Biol Rep*	International	2008

Paper Presented				
S. No	Title of Paper	Name of Conference	National/ International	Date
1.	Exome sequencing and CRISPR/ Cas genome editing identify mutations of *ZAK* as a cause of limb defects in humans and mice	Dr. S Qasim Mehdi Memorial Symposium- Human Population and Disease Genomics	National (Islamabad, Pakistan)	April 10-12, 2017
2.	Mutations in *ZAK* cause autosomal recessive split foot malformation in humans and complex hind limb defects in mice	26th Annual meeting of the German society of human genetics together with Austrian Society of Human genetics and the Swiss society of medical genetics	International (Graz, Austria)	April 15-17, 2015
3.	Identification of disease-causing genes by next-generation sequencing and genome-wide mapping using SNP array genotyping	IGradU Retreat Advanced Concepts in Molecular Medicine	International (Como, Italy)	May 4-6, 2015
4.	Genetic studies on congenital forms of cataract in consanguineous families from Pakistan	25th Annual meeting of the German society of human genetics	International (Essen, Germany)	March 19-21, 2014
5.	Mutation in *ASPA* gene causes Canavan disease	Fourth Pak China international conference on Biotechnology, Molecular Biology and Biophysics	National (Jamshero, Sindh)	November 4-6, 2007

Books Authored/ Edited			
S. No	Name of book	Publisher	ISBN

Work Experience				
S. No	From (year)	To (year)	Name of the Institution/ Organization	Position held
1.	Jun 15, 2016	Till date	BUITEMS, Quetta	Assistant Professor
2.	Jan 16, 2012	Jun 14, 2016	Institute for Human Genetics, University Hospital Ulm, Germany	Junior Researcher
3.	Nov 11, 2009	Jan 15, 2012	BUITEMS, Quetta	Assistant Professor
4.	Oct 5, 2007	Nov 10, 2009	BUITEMS, Quetta	Lecturer
5.	Sep 12, 2005	Oct 4, 2007	BUITEMS, Quetta	Research Associate

Area of specialization	Molecular Medicine/ Human Molecular Genetics
Expertise	Molecular Biology/ Molecular Genetics
HEC Approved supervisor	Yes / No
If Yes, provide HEC URL	*e.g.* http://sc.hec.gov.pk/aphds/
Research grants/ Projects	1. Strengthening and upgradation of Molecular Biology laboratory for the Genetic studies in mental retardation (HEC funded, 2009-10) 2. Molecular Genetic studies in syndromic and non-syndromic hereditary polydactyly (HEC funded, 2016-17)
Additional Information	
ResearchGate: https://www.researchgate.net/profile/Naseeb_Kakar **Google Scholar:** https://scholar.google.com.pk/citations?user=1O5K774AAAAJ&hl=en	