

# REPOSITORY OF RESEARCH SYNOPSES FOR **PHD** DEGREE PRESENTED To **ASRB** Of **UHS**

Degree	Student Name	Institute	Research Title	Supervisor
PHD Anatomy	Dr. Ansa Rabia	UHS Lahore	Morphology and family-based genetic association study in autism spectrum disorders	Prof. Dr. Muhammad Tahir
PHD Anatomy	Dr. Fahim Haider Jafari	UHS Lahore	A Histological study of human olfactory Mucosa: Its regional distributaion with age and gender related considerations	Prof. Dr. Muhammad Tahir
PHD Anatomy	Dr. Mamoona Nasim	UHS Lahore	Effect of aluminium sulphate on intrauterine growth and development of mouse embryo	Prof. Dr. Muhammad Tahir
PHD Anatomy	Dr. Shahdab Ahmed Butt	UHS Lahore	Effects of ultrasound on the ovary and pregnancy	Dr. Saqib Mahmood
PHD Anatomy	Dr. Taquayya Sultana Abidi	UHS Lahore	Histological evaluation of role of BCG in chemically induced carcinoma of rat mammary gland	Prof. Dr. Naseer Ahmad Chaudhry
PHD Anatomy	Dr. Mariyah Hidayat	UHS Lahore	Effect of Melatonin on the development of brain in Albino Rats during Maternal hypothyroidism	Prof. Dr. Muhammad Tahir
PHD Cellular & Molecular Biology	Mr. Muhammad Imran	UHS Lahore	Molecular Markers of susceptibility to prion diseases in local human and domesticated bovinds	Dr. Saqib Mahmood
PHD Chemical Pathology	Dr. Asim Mumtaz	UHS Lahore	Angiotensin converting enzyme gene polymorphism in patients of Type 1 Diabetes Mellitus with Nephropathy	Maj. Gen. Farooq Ahmad Khan
PHD Chemical Pathology	Dr. Sumbla Ghaznavi	UHS Lahore	Circulating levels of vitamin D in malnourished children suffering from acute respiratory tract infection are associate with single nucleotide polymorphisms in vitamin D metabolic pathway	Prof. Dr. Khalid Pervaiz Lone
PHD Clinical Psychology	Dr, Nashi Khan	UHS Lahore	Dhat Syndrome: Its Physical and Psychological Implications	Prof. Dr. Rukhsana Kausar
PHD Community Medicine	Dr. Naheed Humayun Sheikh	UHS Lahore	Determinants of reproductive health behavior among married females and impact of behavioral change communication on the knowledge regarding reproductive health	Prof. Dr. Shakila Zaman

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PHD Community Medicine	Dr. Rubina Mumtaz	UHS Lahore	A qualitative evaluation of the role of gender in use of smokeless tobacco in Punjab, Pakistan	Dr. Saqib Mahmood
PHD Forensic Pathology	Dr. Waseem Haider	UHS Lahore	Characterisation of Y-STR in sexual assault victims & Collection of allele frequencies and haplotypes in Punjab	Prof. Abdul Hannan Nagi
PHD Forensic Sciences	Ms. Zeenat Salahuddin	UHS Lahore	Predictive modelling of nose shape variations on the basis of known genetic association	Dr. Allah Rakha
PHD Forensic Sciences	Mr. Muhammad Jawad	UHS Lahore	DNA phenotyping of facial hair pattern prediction for forensic facial reconstruction	Dr. Allah Rakha
PHD Forensic Sciences	Mr. Shahid Nazir	UHS Lahore	Evaluation of discrimination power of RM-YSTR till 4th generation in Pakistani population	Dr. Allah Rakha
PHD Forensic Sciences	Ms. Saadia Noreen	UHS Lahore	Construction of EarPlex: A predictive model for external ear phenotype	Dr. Allah Rakha
PHD General Surgery	Dr. Samina Khokhar	UHS Lahore	Prediction of efficacy of chemotherapy in breast cancer development of efficacy index	Prof. Dr. Naseer Ahmad Chaudhry
PHD General Surgery	Prof. Dr. Abdul Mannan Babar	PGMI Lahore	Keloids and hypertrophic scars: Treatment with intralesional interferon gamma versus triamcinolone acetonide	Prof. Abdul Hannan Nagi
PHD Human Genetics	Mrs. Ghazala Rubi	UHS Lahore	Ecology and genetics of susceptibility of HCV RNA virus gene in various isonym groups in Pakistan	Prof. Dr. Muhammad Aslam Khan
PHD Human Genetics	Ms. Sobia Rana	UHS Lahore	Expression of circadian clock and cell cycle genes in chronic lymphocytic leukaemia	Dr. Saqib Mahmood
PHD Human Genetics & Molecular Biology	Dr. Ali Amar	UHS Lahore	Genetic analysis of kidney stone disease in the Pakistani population	Dr. Shagufta Khaliq
PHD Human Genetics & Molecular Biology	Dr. Humaira Ehsan Wyne	UHS Lahore	Genetic and pathophysiological role of coupling factor 6 in coronary artery disease	Prof. Dr. Muhammad Aslam Khan
PHD Human Genetics & Molecular Biology	Dr. Shahzad Bhatti	UHS Lahore	Genetic polymorphism of mitochondrial control region as a tool for forensic discrimination and comparison of its diversity among various ethnic groups of Pakistan	Prof. Dr. Muhammad Aslam Khan

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PHD Human Genetics & Molecular Biology	Mian Sahib Zar	UHS Lahore	Ecogenetics of non-syndromic recessive mental retardation in isolated tribes of Buner Pakistan	Prof. Dr. Muhammad Aslam Khan
PHD Human Genetics & Molecular Biology	Mr. Sajjad Ullah	UHS Lahore	Identification of deafness loci in isolated ethnic tribes of Punjab Pakistan	Prof. Dr. Muhammad Aslam Khan
PHD Immunology	Dr. Farhana Shahzad	UHS Lahore	HLA profile and immuno markers in methorexate responders and non-responders juvenile idiopathic arthritis patients	Prof. Dr. Nadeem Afzal
PHD Immunology	Dr. Muhammad Kashif	UHS Lahore	Cancer stem cells in head and neck squamous cell carcinoma with and without human papilloma virus	Dr. Nadeem Afzal
PHD Immunology	Dr. Nadeem Afzal	UHS Lahore	The role of Genetics and Immune Mechanisms in the Pathogenesis of Diabetic Retinopathy	Prof. Abdul Hannan Nagi
PHD Immunology	Mr. Faheem Shahzad	UHS Lahore	Genetic variation, expression of immune response genes and cell surface markers in Mycobacterium tuberculosis infection with and without rifampicin resistance	Dr. Nadeem Afzal
PHD Immunology	Mr. Khursheed Javaid	UHS Lahore	Genetic variations and expression analysis of GIMAP4, INF-g and IL-17 patients with and without drug resistance	Prof. Dr. Nadeem Afzal
PHD Medical Education	Dr. Junaid Sarfraz Khan	UHS Lahore	The relationship of awards of various components of MBBS Final Professional Examination and the effectiveness of each in the evaluation process	Prof. J SG Biggs
PHD Medical Education	Dr. Khalid Masood Gondal	UHS Lahore	The effect of electronic log book system in shaping the supervisor supervisee relationship and training environment of postgraduate residents of CPSP	Prof. Junaid Sarfraz Khan
PHD Medical Education	Dr. Ihsan Ul Haq Wafa	UHS Lahore	Developing a model for mentoring in academic scholarship in psot graduate medical education	Prof. Dr. Shakila Zaman
PHD Medical Education	Dr. Zohra Khanum	UHS Lahore	Challenges in Helth care delivery services in Public sector Hospitals	Prof. Junaid Sarfraz Khan
PHD Microbiology	Dr. Faiqa Arshad	UHS Lahore	Vancomycin MIC creep and identification of novel clonal types of mecA and mecC postive methicillin resistant staphylococcus aureus	Dr. Sidrah Saleem
PHD Microbiology	Dr. Muhammad Barkaat Hussain	UHS Lahore	Screening of Pakistani honeys for antibacterial potential against Salmonella typhi	Prof. Dr. Naeem Akhtar

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PHD Microbiology	Dr. Sadia Ch	UHS Lahore	Efficacy of honey against multidrug resistant Mycobacterium tuberculosis (MDR-MTB) in a mouse model	Prof. Abdul Hannan Nagi
PHD Microbiology	Dr. Umaira Ahsan	UHS Lahore	Genetic analysis of colistin resistance and associated virulence features in Acinetobacter baumannii	Dr. Irfan Ahmad
PHD Microbiology	Mr. Aamir Jamal Gondal	UHS Lahore	Molecular characterization of klebsiella pneumoniae carbapennemases in gram negative bacilli and in vitro efficacy of silver nanoparticles	Dr. Shah Jahan
PHD Microbiology	Ms. Fizza Khalid	UHS Lahore	Characterization of locally isolated acinetobacter baumannii strains for drug resistance and biofilm formation	Dr. Irfan Ahmad
PHD Microbiology	Muhammad Usman Qamar	UHS Lahore	Molecular characterization of New Delhi Metallo-β-lactamase (NDM) producing microorganisms and efficacy of Manuka honey against NDM positive strains in mouse model	Dr. Shah Jahan
PHD Microbiology	Sidrah Saleem	UHS Lahore	Efficacy of honey against methicillin resistant Staphylococcus aureus systemic infection in mouse model	Prof. Dr. Naeem Akhtar
PHD Microbiology	Dr. Humera Javed	UHS Lahore	Microbiological and molecular characterization of plasmid mediated colistin resistance in gram negative rods isolated from humans and animals	Dr. Shah Jahan
PHD Microbiology	Dr. Kokab Jabeen	UHS Lahore	Molecular characterization of extensively drug resistant Salmonella serovar typhi and in-vitro activity of ceftazidime-avibactam against XDR S. typhi	Dr. Sidrah Saleem
PHD Morbid Anatomy & Histopathology	Dr. Azhar Qayyum	UHS Lahore	KRAS oncogenic mutation pattern in Pakistani patients presenting with colorectal carcinoma in northern tertiary referral centre	Prof. Abdul Hannan Nagi
PHD Morbid Anatomy & Histopathology	Dr. Farah Bano Niazi	UHS Lahore	Mutation and expression analysis of leucocyte specific protein-1 and its carrelation with relevant cell cycle markers in hepatocellular carcinoma	Prof. Abdul Hannan Nagi
PHD Morbid Anatomy & Histopathology	Dr. Muhammad Usman Shamas	UHS Lahore	Expression and mutational analysis of epigenetic regulator EZH2 and its related genes in squamous cell carcinomas of skin	Prof. Abdul Hannan Nagi
PHD Morbid Anatomy & Histopathology	Dr. Nadia Naseem	UHS Lahore	Immunohistochemical and genetic characterization of muscular dystrophies in local patients	Prof. Abdul Hannan Nagi
PHD Morbid Anatomy & Histopathology	Dr. Nausheen Henna	UHS Lahore	Panel of five stratification genes expression in invasive ductal breast carcinoma	Prof. Abdul Hannan Nagi

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PHD Morbid Anatomy & Histopathology	Dr. Atika Masood	UHS Lahore	Mutations in cancer susceptibility genes and expression of poly ADP-ribose protein in relation to chemotherapy response in patients with surface epithelial overain carcinoma	Prof. Dr. Nadia Naseem & Dr. Saba Khaliq
PHD Oral Pathology	Dr. Rabia Anjum	UHS Lahore	Genome wide association of Non syndromic cleft lip and palate patients in different ethnic groups of Pakistan	Prof. Abdul Hannan Nagi
PHD Oral Pathology	Dr. Nauman Rauf	UHS Lahore	miRNA differential expression analysis of head neck squamous cell carcinoma patients and healthy control group in relation to surgical therapy and HNSCC tissue section with healthy tissue counterpart	Dr. Saima Chaudhry
PHD Pharmacology	Dr. Adnan Jehangir	UHS Lahore	Immunomodulatory effect of Zinc and Iron Complexes of Trierpene acids ( Ursolic acid and oleanolic acid) in Rat Model of Allergic asthma	Dr. Muhammad Shahzad
PHD Pharmacology	Dr. Rabiea Munir	UHS Lahore	Rasagiline pharmacokinetics in CYP1A2 variant healthy smokers and non smokers in different doses	Prof. Dr. Naseem Saud Ahmad
PHD Pharmacology	Mr. Abdullah Abdo Albajali	UHS Lahore	Association between insulin resistance and eNOS G894T, IRS-1 G972Arg and PC-1 K121Q gene polymorphisms in type 2 diabetic patients	Dr. Muhammad Shahzad
PHD Pharmacology	Mr. Arham Shabbir	UHS Lahore	Anti-Arthritic activity of derivatives of compound 'N'-Arylmethylidene-2-(3,4-dimethyl-5,5dioxidopyrazolo[4,3-c][1,2]benzothiazin-2(4H)YL)acetohydrazide' in rat model	Dr. Muhammad Shahzad
PHD Pharmacology	Dr. Najiba Qamar	UHS Lahore	Anti-Inflammatory and immunoregulatory effect of 2-nitoraniline derivative of gallic acid and its metal complexes in murine model of ovalbumin-induced allergic asthma	Dr. Muhammad Shahzad
PHD Pharmacology	Dr. Muhammad Shoaib Zafar	UHS Lahore	Immunomodulatory effect of salicylaldehyde and benzaldehyde derivatives of pregabalin and their metal complex (Copper and Zinc) on acute lung remodelling	Dr. Muhammad Shahzad
PHD Pharmacology	Dr. Saba Tariq	UHS Lahore	Effect of bisphosphonate therapy on novel adipokines and osteoprotegerin (OPG and Association of osteoprotegerin (OPG) gene polymorphisms in postmenopausal osteoporotic females	Dr. Muhammad Shahzad
PHD Physiology	Dr. Adeela Shahid	UHS Lahore	Genetic variants in the leptin, leptin receptor and FTO genes in obese Pakistani population	Prof. Dr. Abdul Nasir
PHD Physiology	Dr. Afia Hasnain	UHS Lahore	Clinical appraisal serum total IgE, cortisol, ACTH and interleukein 13 polymorphisms in Local asthmatic population	Dr. Muhammad Nawaz
PHD Physiology	Dr. Asima Karim	UHS Lahore	Growth, Obesity and pubertal development pattern in school girls of the Punjab	Prof. Dr. Abdul Nasir

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PHD Physiology	Dr. Hafiz Muhammad Waseem	UHS Lahore	Comparison of differential expression of miRNAs and their effect of lipids, anti-oxidants, anti-inflammatory biomarkers and pregnancy related hormone levels in females having normal pregnancy and pregnancy with gestational diabetes mellitus	Dr. Saba Khaliq
PHD Physiology	Dr. Sundus Tariq	UHS Lahore	Association of Adipokines, FGF21 and their genetic variants with bone mineral density in postmenopausal women	Prof. Dr. Khalid Pervaiz Lone
PHD Physiology	Dr. Uzma Zafar	UHS Lahore	Genetic Variants and hormone levels in metabolic syndrome	Prof. Dr. Khalid Pervaiz Lone
PHD Physiology	Dr. Zaima Ali	UHS Lahore	Placental specific micro RNAs related to genes expressed in angiogenesis and apoptosis in preeclamptic & normotensive women	Prof. Dr. Khalid Pervaiz Lone
PHD Physiology	Dr. Rizwan Hussain	UHS Lahore	Comparison of relative expression of P13K/AKT/mTOR cascade and related miRNAs in ovarian cancer and healthy women	Dr. Khalid Perviaz Lone
PHD Physiology	Dr. Ambreen Tauseef	UHS Lahore	Proteomic profiling and identification of novel biomarkers in infertile polycystic ovary syndrome and ovarian cancer women	Dr. Asima Karim
PHD Physiology & Cell Biology	Dr. Faraz Ahmed Bokhari	UHS Lahore	Inflammation in stroke: Correlation of cytokines (TNF-Alpha, IL-4) and homocysteine in stroke	Dr. Saqib Mahmood
PHD Physiology & Cell Biology	Dr. Rafique Ahmad Khan	UHS Lahore	Plasma homocysteine levels and C677T-MTHFR polymorphism in a sample population of stroke patients	Dr. Saqib Mahmood
PHD Prosthodontics	Dr. Bilal Ahmed	UHS Lahore	Clinical and Genetic studies in families with tooth agenesis	Prof. Dr. Nazia Yazdanie
PHD Psychiatry	Lt. Col. Dr. Sohail Ali	UHS Lahore	Psychobiological outcomes of psychotrauma amongst survivors of man made disaster	Prof. David Alan Alexander
PHD Biochemistry	Dr. Iram Fayyaz	UHS Lahore	Biochemical & molecular analysis of candidate biomarkers in patients of rheumatoid arthritis and health controls	Dr. Saba Khaliq
PHD Biochemistry	Dr. Muhammad Shakil	UHS Lahore	Identification of genetic mutations causing familial oculocutaneous albinism (OCA) in Pakistani families and elucidation of biochemical mechanism of disease	Dr. Saqib Mahmood
PHD Haematology	Dr. Muhammad Asif Naveed	UHS Lahore	Genetic and epigenetic alterations in type III von Willebrand disease	Brig. (Retd) Dr. Nadir Ali

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PHD Haematology	Dr. Shabnam Bashir	UHS Lahore	Analysis of quantitative trait loci (QTLs): HBG2, BCL11A, KLF1 and HBS1L genetic variants in patients with beta thalassemia syndromes	Dr. Saqib Mahmood
PHD Human Genetics & Molecular Biology	Ms. Shamila Habib	UHS Lahore	Contribution of human APOBEC 3 genes and HIV-1 sub-types specific mutations to the overall mutation rate of HIV-1	Dr. Saqib Mahmood