

DEPARTMENT OF BIOTECHNOLOGY
LAHORE COLLEGE FOR WOMEN UNIVERSITY, LAHORE
Number of Ph.D. Scholars Currently Enrolled in the Department (Data Updated December 2021)

Sr. No.	Name of Ph.D. Scholars	Enrollment Year	Thesis/ Synopsis Title	Scholarship (s) (Duration)		Name Of Supervisor	Status
				National	International		
1.	Khadija Gillani	Fall 2011	Analysis of metabolite of healthy and Huanglongbing infected citrus varieties of Pakistan	HEC Indigenous Scholarship (2012-2016)	IRSIP, Florida State University, USA (June, 2015-December 2015)	Prof. Dr. Shagufta Naz	Degree Awarded
2.	Nadia Sharif	Fall 2011	Optimization conditions for biodiesel fabrication from algae	HEC Indigenous Scholarship (2012-2015)	IRSIP, John Hopkins University, USA (May 20, 2015-November 19, 2015)	Dr. Neelma Munir	Degree Awarded
3.	Rooma Adalat	Fall 2011	The role of ribosome binding sites sequence and spacer length between binding sites and initiation codon on CRY 2 expression in <i>Bacillus</i> host			Dr. Faiza Saleem	Degree Awarded
4.	Ambreen Bibi	Spring 2013	Detection and Molecular characterization of <i>Candidatus spp</i> causing HLB in indigenous citrus cultivars and its control by genetic manipulation of citrus genome			Prof. Dr. Shagufta Naz	Degree Awarded
5.	Intiaz Shehzadi	Spring 2013	Molecular detection of citrus bacterial pathogen (<i>Xanthomonas axonopodis</i>) and incorporation of AMP gene in citrus cultivars for disease resistance against citrus markers	HEC Indigenous Scholarship (2013-2017)		Prof. Dr. Shagufta Naz	Degree Awarded

6.	Mahwish Aftab	Fall 2013	Molecular characterization and genome wide variability studies of full length genome of hepatitis Delta virus circulating in Pakistan	HEC Indigenous Scholarship (2016-2020)	IRSIP	Prof. Dr. Shagufta Naz	Degree Awarded
7.	Rukhama Haq	Fall 2013	High throughput molecular screening of <i>citrus tiristeza virus</i> from the citrus germplasm of Punjab and production of virus free citrus plants via shoot-tip grafting		IRSIP, University of California Riverside, USA October 2016-April 2017	Prof. Dr. Shagufta Naz	Degree Awarded
8.	Sunniya Rasool	Fall 2013	Detection of viruses in different commercial varieties of grapes in Pakistan and establishment of virus free plants		IRSIP, Foundation Plant Services University of California, Davis USA October 2016-April 2017	Prof. Dr. Shagufta Naz	Degree Awarded
9.	Aisha Younas	Fall 2014	Molecular detection and characterization of nepoviruses in local grapevine varieties and establishment of virus free plant via <i>in vitro</i> techniques	HEC Indigenous Scholarship (2016-2020)	IRSIP	Prof. Dr. Shagufta Naz	Thesis submitted
10.	Asma Shahzad	Fall 2014	Mycosynthesis of silver nanoparticles :optimization characterization and their antimicrobial and cytotoxic activity		IRSIP	Dr Mehwish Iqtedar	Degree Awarded
11.	Kunza Latif	Fall 2014	Expression and immunological profile of recombinant vaccine against typhoid fever		IRSIP	Prof. Dr. Shagufta Naz	Degree Awarded
12.	Gulam Zahra Jahangir	Fall 2014	Cloning and expression studies on abiotic stress tolerance genes in <i>Solanum tuberosum</i>			Prof. Dr. Shagufta Naz	Degree Awarded

13.	Maria Rafique	Fall 2014	Production and immunological evaluation of polyvalent vaccine of AI (AIV-H9) and fowl cholera (<i>Pasterulla multocida</i>)			Dr Rasheeda Bashir	Degree Awarded
14.	Kinza Nisar	Fall 2015	Biosynthesis of Cellulases by thermophilic fungi and its application		IRSIP	Dr. Roheena Abdullah	Degree Awarded
15.	Marium Munir	Fall 2015	Biosynthesis of polygalacturonase using locally isolated fungal strain for industrial application			Dr. Roheena Abdullah	Degree Awarded
16.	Madiha Mahmood Gillani	Fall 2015	Detection and Molecular Characterization of Grapevine Viruses In Pakistan and Production of Virus free Germplasm through Micropropagation		IRSIP	Prof. Dr. Shagufta Naz	Degree Awarded
17.	Rabail Javed	Fall 2016	Association Between Type 2 Diabetes, Vitamin D And VDR Polymorphism In Asymptomatic And Symptomatic Population Of Lahore (Punjab)			Prof. Dr. Shagufta Naz	Degree Awarded
18.	Mehral Aslam	Fall 2016	Liposomes As Nanocarriers: Targeted Drug Delivery Via Liposomes Against <i>Salmonella</i> Species			Dr. Mehwish Iqtedar	Research work in progress
19.	Asia Firdous	Fall 2016	Bacterial Mediated Synthesis of Gold Nanoparticles: Optimization, Characterization, their Antimicrobial and cytotoxic Activity			Dr. Mehwish Iqtedar	Research work in progress
20.	Ayesha Munir	Fall 2016	Screening Of Anti-HCV Drugs From Natural Sources			Dr. Faiza Saleem	Research work in progress
21.	Uzma Nisar	Fall 2016	<i>Bacillus Subtilis</i> as Cell Factory For Heterologous Expression Human Therapeutic Peptides			Dr. Faiza Saleem	Research work in progress

22.	Rida Zainab	Fall 2016	The concerted Proteomics and Bioinformatics approaches to determine the role of PCSK9 and IRS protein in Familial Hypercholesterolemia			Dr. Afshan Kaleem	Research work in progress
23.	Khazeema Yousaf	17-PhD/LCWU-40	Investigation of disease-causing genes and genetic Variants responsible for Glaucoma in Pakistani population			Dr. Rasheeda Bashir	Research work in progress
24.	Maria Hasnain	17-PhD/LCWU-41	Effect of different Abiotic stress factors on metabolite profiling and utilization of algae as a Potential feed stock for biodiesel production			Dr. Neelma Munir	Thesis Submitted
25.	Rabia Mushtaq	17-PhD/LCWU-42	Isolation, Screening And Characterization Of Bacteria Possessing Thrombolytic Activity			Prof. Dr. Mehwish Iqtedar	Research work in progress
26.	Sadia Iftikhar	17-PhD/LCWU-43	Targeted Delivery of Nanosomes Incorporated with Microbial Synthesized Bismuth Nanoparticles as a Therapy Against <i>H. pylori</i> infection			Prof. Dr. Mehwish Iqtedar	Research work in progress
27.	Abida Ibrahim	17-PhD/LCWU-3155					Synopsis to be submitted
28.	Anam Riaz	16-M/LCWU-131	The role of phosphorylated Asparagine synthetase in the progression of breast cancer			Dr. Afshan Kaleem	Synopsis Approved
29.	Ayesha Irfan Hashmi	17/LCWU-111	Identification of biomedical lead compound(s) from bacterial metabolites as potential anti-cancer agents			Prof. Dr. Mehwish Iqtedar	Synopsis Approved

30.	Ayesha Khalid	16-M/LCWU-132	An integrated <i>in silico</i> and <i>in vitro</i> study on the development of a computational method for the prediction of <i>O</i> -GlcNAc modified proteins			Dr. Afshan Kaleem	Synopsis Approved
31.	Huma Waqif	17/LCWU-143	Algae mediated synthesis of Silver, Copper and Zinc oxide nanoparticles to combat citrus canker disease			Dr. Neelma Munir	Synopsis Approved
32.	Komal Aslam	19/LCWU-12	Genetic analysis of autosomal recessive primary microcephaly and its genotype phenotype correlation in Pakistani population			Dr. Rasheeda Bashir	Synopsis Approved
33.	Maria Hanif	17/LCWU-117	Phytofabrication of zinc oxide nanoparticles from halophytes and their role in mitigation of salt stress in tomato			Dr. Neelma Munir	Synopsis Approved
34.	Sadia Jabeen	19/LCWU-13	Comparative genome analysis of seeded and seedless <i>Citrus reticulata</i> (Kinnow)			Prof. Dr. Shagufta Naz	Synopsis Approved
35.	Wajeeha Batool Chaudhary	19/LCWU-16	Identification and profiling of citrus microbiome as a potential management strategy for Huanglongbin (HLB) in Punjab, Pakistan			Prof. Dr. Shagufta Naz	Synopsis Approved
36.	Ammara Masood	20/LCWU-8					Synopsis to be submitted
37.	Farwa Fakhar	16-M/LCWU-2909					Synopsis to be submitted

38.	Fatima Malik	18/LCWU-120					Synopsis to be submitted
39.	Hafiza Fareeha Bashir	20/LCWU-9					Synopsis to be submitted
40.	Iram	20/LCWU-10					Synopsis to be submitted
41.	Rabia Saleem	20/LCWU-11					Synopsis to be submitted
42.	Roeha Akhtar	20/LCWU-12					Synopsis to be submitted
43.	Samrina Hussain	20/LCWU-131					Synopsis to be submitted
44.	Sehrish Jehan	16-M/LCWU-2923					Synopsis to be submitted