

	<h2>► DR. MUDDASIR HASSAN ABBASI</h2>	
	<p>Centre for Applied Molecular Biology(CAMB) University of the Punjab, Lahore-Pakistan.</p>	
	<p>Mobile Email</p>	<p>+92-300-8842-066 muddygcs@gmail.com</p>

<h3>Objectives</h3>	
	<p>By working in a professional and cooperative environment, I want to excel my knowledge and experience in Biomedical research and achieve the goals for the betterment of human kind.</p>
<h3>Educational Background</h3>	
	<p>► Ph.D. (Jan, 2011-May, 2015) Department of Zoology, University of the Punjab, Lahore 54590, Pakistan.</p> <p>Thesis title “<i>Nerium oleander</i> induced acute-phase response: A damage assessment study in <i>Rattus norvegicus</i>”</p> <p>Techniques and Responsibilities: Processing of tissues for histology and optimization of different stains. Isolation of DNA/RNA/proteins for expression studies. Electrophoresis of DNA and protein, guidance to post graduate and doctorate students including supervision of laboratory work.</p>
	<p>► M.S. (2006-2008) Department of Zoology, University of the Punjab, Lahore 54590, Pakistan.</p> <p>Thesis title “Isolation and Characterization of Some Coal Desulfurizing Bacteria”</p> <ul style="list-style-type: none"> • 3rd Position; First Division • 84.91% marks and 3.83/4.00 CGPA • Secured Merit Scholarship on the basis of semester results <p>Techniques and Responsibilities: Isolation of microbe from soil samples, Pure Culturing and Characterization of Bacteria, guidance to graduate students including supervision of laboratory work.</p>
	<p>► B.S. (2002-2006) Department of Zoology, University of the Punjab, Lahore 54590, Pakistan.</p> <p>Thesis title “Canal Water Receives Organic and Bacterial Pollutants’ Load While Passing Through City, Lahore.”</p> <ul style="list-style-type: none"> • First Division • 75.39 % marks and 3.48/4.00 CGPA • Merit Scholarship on the basis of semester results <p>Techniques and Responsibilities: Isolation and Characterization <i>E. coli</i> from water samples collected from Lahore Canal. Assessment of physicochemical parameters of various water samples. Coliform contents of the water samples.</p>

	<ul style="list-style-type: none"> ▶ F.Sc. (Pre-Medical) (2000-2001) Govt. College of Science, Wahdat Road, Lahore-Pakistan. • First Division • 68.63% ▶ Matriculation (Secondary School) 1999 The Radiant Way School, Samanabad, Lahore-Pakistan.
Teaching and Research Experience	
	<ul style="list-style-type: none"> ▶ Assistant Professor Centre for Applied Molecular Biology(CAMB) University of the Punjab, Lahore-Pakistan <p>Responsibilities: Involvement in the research and supervision of the postgraduate students in their research projects and departmental activities.</p>
	<ul style="list-style-type: none"> ▶ Lecturer in Zoology (05.05.09 to 14-12-17) Govt. College of Science, Wahdat Road, Lahore. <p>Responsibilities: Taught courses on Molecular biology, Microbiology, Genetics and Biostatistics to M.Sc. and B.S. classes and active involvement in the research and supervision of the graduate and postgraduate students in their research projects and departmental administration.</p>
	<ul style="list-style-type: none"> ▶ Visiting Faculty Position (July 2015 to date) School of Zoology, Minhaj University, Lahore. <p>Responsibilities: Taught courses on Biological Techniques, Genetics, Laboratory & Biosafety and Advance Analytical to M.Phil. and M.Sc. classes and active involvement in developing research projects and supervision of the M.Phil. students in their research projects and departmental administration.</p>
	<ul style="list-style-type: none"> ▶ Visiting Faculty Position (Sep 2016 to April 2017) Department of Allied Health Sciences, Superior University, Lahore. <p>Responsibilities: Taught core courses on Cell Biology & Molecular Biology to Allied health Sciences students and active involvement in developing research projects</p>
	<ul style="list-style-type: none"> ▶ Lecturer in Biology Superior Group of Colleges, Lahore (17.07.07 to 01.04.09) <p>Responsibilities: Taught biology to F.Sc. students. Conducting practical work.</p>
	<ul style="list-style-type: none"> ▶ Biology teacher (GPS-16 , Selected, Recruitment Board, Lahore Garrison Education System) [27-08-2007]
Skills	
	<ul style="list-style-type: none"> • Gel Electrophoresis • cDNA synthesis • DNA extraction • Drug Testing • Hemocytometry • Microbiology slide preps • Microtomy

	<ul style="list-style-type: none"> • PCR • Quantification of nucleic acids • RNA extraction • SDS-PAGE (1D) • Tissue processing
Achievements and Awards	
	<ul style="list-style-type: none"> • Got Merit scholarships in 6th,7th and 8th semester of B.S • Got Merit scholarships in 2nd and 4th semester of M.S
Trainings/Extra courses	
	<ul style="list-style-type: none"> • Certificate of participation in one day workshop on “Medical Writing Made Easy: a step by step guide” (2016). Lahore-Pakistan. • Certificate of participation in one day workshop on “Use of Bioinformatics in High Throughput Sequencing, Genomics, Proteomics and Transcriptomics” (2015). NIBGE, Faisalabad-Pakistan. • Certificate of Training workshop on “Techniques for Biodiversity Assessment and Aerobiological Monitoring for Ecosystem Health”(2015). University of Punjab, Lahore-Pakistan. • Certificate of Training Course under “Capacity Building Programme”(2013) on the direction of Higher Education, Commission/ Higher Education Department, Govt. of the Punjab-Pakistan. • Certificate of Training Course on “Office Management” at Punjab Institute of Management and Professional Development (2010). Management and Professional Development Department, Govt. of Punjab-Pakistan. • Certificate of “Professional Development”, Professional Competent Enhancement program for teachers (PCEPT) (2010). National Academy of Higher Education, Higher Education Commission-Pakistan.
Peer reviewer	
	<ul style="list-style-type: none"> • BIOLOGIA (Pakistan). • African Journal of Biotechnology (AJB).
Administrative Responsibilities	
	<ul style="list-style-type: none"> • Incharge Central Research Laboratory of Zoology Department at Govt. College of Science-Lahore. • Paper setter/Internal Examiner for M.Sc. (General Microbiology, Genetics & Biostatistics), and B.S. (Bacteriology & Molecular Genetics and Biostatistics). • Appointed as member of inspection Committee to check /inspect the quality of Lab. Equipment for new colleges in Lahore Division • Public Information Officer (PIO) of Govt. College of Science-Lahore under Transparency act, 2013 (Oct.2014 to–Nov.2016)
Publication/Research Paper	
Impact factor=32.53	

2018	
•	ABBASI M.H, Fatima, S., Khawar, M.B, Shahjhan, & Sheikh, N. An in vivo study on intoxicating effects of Nerium oleander water based extract on multi-organs of Wistar rat.(Submitted).
2017	
1.	ABBASI M.H , Fatima, S., Khawar, M.B., Naz N., Akhtar T, Sheikh N, & Sheikh, N. Dose dependent Acute Phase Response (APR) of aqueous leaves decoction of <i>Nerium oleander</i> in wistar rats. <i>Journal of Biological Regulators & Homeostatic Agents</i> [Impact factor 1.469] accepted (In press).
2.	Khawar, M. B., Mukhtar, M., ABBASI M.H and Sheikh, N. (2017). IL-32 theta: A recently identified anti inflammatory variant of IL-32 and its preventive role in various disorder and tumor suppressor activity. <i>American journal of translational research</i> [Impact factor 3.146] (In press).
3.	Khawar, M. B., Fatima N., ABBASI, M.H. , Mehmood, R. kainat S., and Sheikh, N. (2017). Role of microRNAs in Head & Neck cancer. Head and Neck Cancer. In tech publishers Croatia..
2016	
4.	ABBASI M.H , Sharif, Z, Bukhari, S., Kanwal, S., Khawar, B, & Sheikh, N. Hepatohistological Study of <i>Mus musculus</i> exposed in metallurgical workshop. <i>BIOLOGIA (PAKISTAN)</i> 2016, 62(2):395-398.
5.	ABBASI M.H , Fatima, N., BUKHARI, S. S, khan, A.S., & Sheikh, N. Variations in protein and transaminases following experimental induction of Bisphenol A (BPA) in mice. <i>Punjab Univ. J. Zool.</i> , 31(2):187-191.
6.	Khawar, M.B., ABBASI, M.H. , Fatima, S., MUJEEB, K.A. AND Sheikh, N., 2016. Alterations in proteins and transaminases activity induced by thioacetamide in albino rats. <i>Punjab Univ. J. Zool.</i> , 31(2): 269-276.
7.	Akhtar T, Sheikh N, ABBASI M.H . Alternative therapeutic approaches: Hepatoprotective effect of <i>Nerium oleander</i> extract in thioacetamide induced hepatotoxicity. <i>Int J Clin Exp Med.</i> , 2016;9(8):16118-16124[Impact factor 1.075].
8.	ABBASI M.H , BUKHARI, S. S, Usman,M., Kanwal, & Sheikh, N. An attempt to find a rapid and cost effective method of protein isolation from hepatic tissue of mammals. <i>Sci. Int. (Lahore)</i> . 28(3),2633-2635 ,2016 ISSN 1013-6315; CODEN: SINTE 8
9.	Khawar B, ABBASI M.H , Sheikh N."IL-32: A Novel Pleuripotent Inflammatory Interlukin, Towards Gastric inflammation, Gastric Cancer and Chronic Rhino sinusitis" <i>Mediators of Inflammation</i> [Impact factor 3.236]
2015	
10.	S. S BUKHARI, ABBASI M.H & KHAN K. Dose optimization of Alloxan for diabetes in albino mice. <i>BIOLOGIA (PAKISTAN)</i> 2015, 61(2):301-305.
11.	ABBASI M.H , Khawar B, Mehmood R, AKHTAR T & Sheikh N. Changes in Proteins, Transaminases Activity and Leucocyte Count during <i>Nerium oleander</i> Induced Toxicosis in Wistar Rats. <i>BIOLOGIA (PAKISTAN)</i> 2015, 61(1):47-53.
12.	Khawar B, ABBASI M.H , Sheikh N: A panoramic spectrum of complex interplay between the immune system and IL-32 during pathogenesis of various systemic infections and inflammation. <i>European journal of medical research</i> 2015, 20:7[Impact factor 1.40]
2014	
13.	ABBASI M.H , Fatima S, Sheikh N: Histological comparison of natural lung injury in <i>Rattus norvegicus</i> induced by a natural herb (<i>Nerium oleander</i>) and a known carcinogen (thioacetamide). <i>BIOLOGIA (PAKISTAN)</i> 2014, 60(1):135-138.

14.	Abbas A.S., ABBASI M.H. , Ihtzaz A. Malik and Sheikh N. "Non-Alcoholic Fatty Liver Disease and associated changes in serum hepcidin, iron, ferritin-R levels and total iron binding capacity in weaning wistar rats (<i>Rattus norvegicus</i>)" <i>The Journal of Animal & Plant Sciences</i> , 24(2): 2014, Page: 418-424 ISSN: 1018-7081 [Impact factor 0.638].
15.	Akhtar T, Sheikh N., ABBASI M.H ABBAS A.S: Effects of <i>Nerium oleander</i> leaves extract against Thioacetamide induced Liver injury. <i>BIOLOGIA (PAKISTAN)</i> 2014, 60:37-41.
16.	Akhtar T, Sheikh N, ABBASI M.H : Clinical and pathological features of <i>Nerium oleander</i> extract toxicosis in wistar rats. <i>BMC research notes</i> 2014, 7:947
2013	
17.	ABBASI, M.H. , Fatima S., Naz N., Malik I. A., and Sheikh N. 2013. Effect of <i>Nerium oleander</i> (N.O.) leaves extract on serum <i>hepcidin</i> , total iron, and infiltration of ed1 positive cells in albino rat. <i>BioMed Research International</i> Volume 2013, Article ID 125671, http://dx.doi.org/10.1155/2013/125671 [Impact factor 2.880].
18.	ABBASI, M.H. Akhtar T., Malik I.A., FatimA S., Khawar B., Mujeeb K.A., Mustafa G., Hussain S., Iqbal, J. and Sheikh, N. 2013. Acute and chronic toxicity of thioacteamide and Alterations in Blood cell indices in rats. <i>Journal of Cancer Therapy</i> , 4, 251-259 [Impact factor 0.18].
2012	
19.	Mujeeb, A.K., R. Asma., M. Sumaira., ABBASI, M.H. , and S.S., Ali. 2012. Carbofuran degrading bacteria isolated from different areas of Punjab as potential bioremediator of agricultural Soil. <i>Sci. Int. (Lahore)</i> , 24(3), 273-280, ISSN 1013-5316; CODEN: SINTE 8.
2011	
20.	ABBASI, M. H. and Qazi, J.I., 2011. Isolation and Characterization of coal desulfurizing bacteria. <i>Proc. Pakistan Congr. Zool.</i> , 31:55-69.
21.	Mujeeb, A.K., M. Sumaira, ABBASI, M.H. , R. Asma and S.S., Ali. 2011. Identification and characterization of carbosulfan degrading bacteria from different areas of Punjab. <i>Sci. Int. (Lahore)</i> , 23(4), 299-306, ISSN 1013-5316; CODEN: SINTE 8.
2006	
22.	ABBASI M. H. and Qazi, J.I., 2006. Effect of urbanization on Lahore canal water pollution. <i>Proc. Pakistan Congr. Zool.</i> , 26:97-101.

Abstracts in international/national/ peer reviewed Journals/Proceedings

2015	
1.	ABBASI, M. H , Sheikh, N, Sharif, Z , Kanwal S , Khawar, B. Damage and recovery of hepatic tissue of <i>Mus musculus</i> inhabited at metallurgical workshop. <i>Z. Gastroenterol</i> 2015; 53 A1_9. DOI: 10.1055/s00341397050 [Impact factor 1.357].
2.	Khawar B, Mariam Z, ABBASI M.H. , Akhtar T, Sheikh N. Alterations in blood cell indices and serological parameters due to toxicity of industrial leachate in wistar rats. Abstract no: 1093 <i>Hepatol Int</i> (2015) 9 (Suppl 1):S1-S391.
3.	Akhtar, T, Sheikh, N. and ABBASI, M. H. Pathological changes in the splenic tissue architecture in of thioacetamide administered rats. <i>Hepatol Int</i> .

4.	Akhtar, T, Sheikh, N. and ABBASI, M. H. Pathological variations of iron deposition in spleen, small intestine and kidneys in response to thioacetamide induced toxicity. <i>Hepatol. Int.</i>
5.	Sheikh N, Mehmood R, Khawar B, ABBASI M.H. Effect of metal dust on various serological parameters in workers of cutlery industry in wazirabad, Pakistan. Abstract no: 1691 <i>Hepatol Int</i> (2015) 9 (Suppl 1):S1-S391.
2013	
6.	ABBASI M. H. , Fatima S., Naz N., Shahid M. A., Iqbal A., Abbas A. S. and Sheikh, N. Hepatic injury with <i>Nerium oleander</i> (N.O.) leaves extract: Associated changes in serum <i>hepcidin</i> and Total Iron in albino rat. (APASL 2013, Singapore 06-10 June 2013) [Impact factor 2.963].
7.	ABBASI, M. H. , Fatima, S., Mujeeb K. A., Khawar B. , Sheikh, N. Dose screening of <i>Nerium oleander</i> (N.O.) and acute-phase response in rats: A Hematological and Histological reflection. (APASL 2013, Singapore 06-10 June 2013) [Impact factor 2.963].
8.	Sheikh, N., Younas, N., Akhtar, T., ABBASI, M. H. , Shafiq, M. and Iqbal, J. Effect of oral administration of TAA on the Histology of small intestine of Wistar rats. (APASL 2013, Singapore 06-10 June 2013) [Impact factor 2.963].
9.	Sheikh, N., Shaheen, H., Akhtar, T., ABBASI, M. H. , Shafiq, M. and Iqbal, J. Thioacetamide tempted histological variations in the kidney of wistar rats. (APASL 2013, Singapore 06-10 June 2013) [Impact factor 2.963].
10.	Akhtar T., ABBASI, M. H. , Iqbal J., Shafiq M. and Sheikh N. Histological changes in the rat liver administered with the <i>Nerium oleander</i> leaves extract. (APASL 2013, Singapore 06-10 June 2013) [Impact factor 2.963].
11.	Akhtar T., ABBASI, M. H. , Shafiq M., Afshan S. Abbass, Iqbal, J. and Sheikh N. Serum protein profile in TAA induced chronic liver inflammation in rats. (APASL 2013, Singapore 06-10 June 2013) [Impact factor 2.963].
12.	Akhtar T., ABBASI, M. H. and Sheikh N. Hematological and serological changes in rat under the influence of <i>Nerium oleander</i> leaves extract. (APASL 2013, Singapore 06-10 June 2013) [Impact factor 2.963].
13.	Babar Khawar, Ghulam Mustafa, ABBASI, M. H. , Sana Fatima, Muhammad Usman, Shaista Kanwal, Muhammad Idnan, Aftab Iqbal and Nadeem Sheikh. Evaluation of Lipid profile and Total Proteins as a diagnostic tool for the assessment of hepatic injury induced by Thioacetamide (TAA) in <i>Rattus norvegicus</i> . 33 rd Pakistan Congress of Zoology (International) held at Pakistan museum of natural history (PSF), Islamabad-Pakistan. (April 2-4, 2013). Abstract No. CBGP-240, pp.148.
14.	Ghulam Mustafa, Babar Khawar, ABBASI, M. H. , Sana Fatima, Muhammad Usman, Shaista Kanwal, Muhammad Idnan, Aftab Iqbal and Nadeem Sheikh. A Hematological comparison between Natural and Synthetic source of inflammation in albino rats. 33 rd Pakistan Congress of Zoology (International) held at Pakistan museum of natural history (PSF), Islamabad-Pakistan. (April 2-4, 2013). Abstract No. CBGP-198, pp. 123.
2012	
15.	Abbas A.S., ABBASI M. H. and Sheikh N. NAFLD and associated changes in serum Pro-hepcidin, Iron, Ferritin R levels and total iron binding capacity in weaning <i>Rattus norvegicus</i> . <i>Z Gastroenterol</i> 2012; 50 K035 DOI: 10.1055/s-0032-1323970 [Impact factor 1.026].
16.	ABBASI M. H. , Babar khawar, Ghulam Mustafa, Fatima.S, M.Idnan, Nadeem Sheikh. Neutrophilia and transaminase activity during thioacetamide induced acute phase reaction in rats. 32 nd Pakistan Congress of Zoology (International) held at GC university, Lahore-Pakistan. (March 6-8, 2012). Abstract No. CBGP-140, pp. 81.

17.	ABBASI M. H. , Babar khawar, Ghulam Mustafa, Fatima. S, M. Idnan, Nadeem Sheikh. Hematological and serological change during <i>Nerium Oleander</i> (N.O), induced acute-phase response. 32 nd Pakistan Congress of Zoology (International) held at GC university, Lahore-Pakistan. (March 6-8, 2012). Abstract No. CBGP-142, pp. 82-83.
2009	
18.	ABBASI, M. H. and Qazi, J.I. Isolation and characterization of some coal desulfurizing bacteria. 29 th Pakistan Congress of Zoology (international) held University of Sindh, Jamshoro-Pakistan. (February 24th-26th). Abstract pp. 28-29.
2006	
19.	Qazi, J.I. and ABBASI, M.H. Effect of urbanization on Lahore canal water pollution. 26 th Pakistan Congress of Zoology (International) held at University of the Punjab, Lahore, Pakistan. (April 4-6, 2006). Abstract No. FEWFM-25, pp. 114.
Conferences/Workshops attended	
<ul style="list-style-type: none"> • Workshop on “Medical Writing Made Easy: a step by step guide” (2016). Lahore-Pakistan. 	
<ul style="list-style-type: none"> • Workshop on “Use of Bioinformatics in High Throughput Sequencing, Genomics, Proteomics and Transcriptomics” held at NIBGE, Faisalabad-Pakistan. 31st March. 2015. 	
<ul style="list-style-type: none"> • Workshop on “Techniques for Biodiversity Assessment and Aerobiological Monitoring for Ecosystem Health” held at, Department of Zoology, University of Punjab, Lahore- Pakistan. 6-7 Feb. 2015 	
<ul style="list-style-type: none"> • 34th International Congress on Zoology, held at Bahaudin Zakriya University, Multan-Pakistan, 2014. 	
<ul style="list-style-type: none"> • 33rd International Congress on Zoology, held at Pakistan museum of natural history (PSF), Islamabad-Pakistan, 2013. 	
<ul style="list-style-type: none"> • 32nd International Congress on Zoology, held at GC University, Lahore-Pakistan, 2012. 	
<ul style="list-style-type: none"> • Workshop on “The Prevention and Control of Dengue Vector” held at, Department of Zoology, Govt. College University, Lahore- Pakistan. 5-8 Nov. 2012 	
<ul style="list-style-type: none"> • Seminar on Dengue Fever Prevention and Control, held at Hajvery Hall, Govt. College of Science, Wahdat Road, Lahore- Pakistan. 12. Oct .2011. 	
<ul style="list-style-type: none"> • Workshop on Dengue Fever. Myths and Awareness, held at Bukhari Auditorium, Govt. College University, Lahore- Pakistan. 27. Sep .2011. 	
<ul style="list-style-type: none"> • 31st International Congress on Zoology. University of Azad Jammu and Kashmir. 19-21 April 2011. 	
<ul style="list-style-type: none"> • First National Conference on Mental Health Update 2009. University of Health Sciences, Lahore. 	
<ul style="list-style-type: none"> • 28th International Congress on Zoology, held at GC University, Faisalabad-Pakistan, 2008. 	
<ul style="list-style-type: none"> • International Honey Market and Organic Standards (Apiservices) 3rd, May 2007, Department of Zoology, University of the Punjab, Lahore. Speaker: Dr. Gilles Ratia (France). 	
<ul style="list-style-type: none"> • Mass Spectrometer, Recent Trends and Applications. 16th April 2007, Department of Zoology University of the Punjab, Lahore. Speaker: Dr. Abdul Rahman Asif. 	

- 26th International Congress on Zoology, held at Department of Zoology, University of the Punjab, Lahore-Pakistan, 2006.

Theses Supervision			
M.Phil.			
1.	Muhammad Ayyaz	2015-2017	Study of blood count and stress level in captive bred black buck and chinkara in Punjab-Pakistan.
2.	Humaira Allay Ali	2015-2017	Monosodium glutamate (MSG) induced acute phase response in <i>Mus musculus</i> (Submitted)
3.	Mehreen Anjum	2015-2017	Extra hepatic histological and skeleton changes induced by monosodium glutamate in mice (Submitted)
4.	Hira Nazir	2016-	A study of changes in concentration of acute phase proteins and stress hormones on commercially fed broiler chicken (<i>Gallus gallus domesticus</i>) (In progress).
5.	Qandiel Zahra	2016-	A study on the effect of commercial feed on meat protein contents of broiler chicken (<i>Gallus gallus domesticus</i>) (In progress).
6.	Shumila	2017-	"Title not defined"
7.	Komal	2017-	"Title not defined"
8.	Sadaf	2017-	"Title not defined"
M.Sc.			
1.	Meerab	2015-17	Study of changes in IL-6 gene expression in MSG induced mice
2.	Noor Fatima	2013-15	Variations of serum proteins in Bisphenol A (BPA) treated mice.
3.	Zeeshan Sharif	2012-14	Hepatohistological study of <i>Mus musculus</i> exposed in metallurgical workshop.
4.	Rehman Javaid	2012-14	Histological reflection of multi-organ damage in albino mice during exposure in metallurgical workshop.
5.	Rahat Raza	2012-14	Lactate dehydrogenase: A diagnostic probe for diabetic patients.
6.	Muhammad Usman	2011-13	A rapid and cost effective method of protein isolation from liver of albino mice.
7.	Shaista kanwal	2011-13	Time course study of respiratory incapacitation on hemogram of albino mice inhabited at metallurgical workshop.
8.	Babar khawar	2010-12	Hematological, serological and histopathological changes induced by single intraperitoneal dose of thioacetamide in albino rats (<i>Rattus norvegicus</i>).
Reference will be furnished on demand			