

Curriculum Vitae

Name	Dr. Shafaat Yar Khan	
Designation & Address	Associate Professor of Zoology , Department of Zoology Government College University Lahore House # 161-E, PCSIR Staff Housing Society College Road Lahore. Pakistan Mobile : +92 322 4230 223, 0342 4810191 Email 1: shafaatyarkhan@hotmail.com Email 2: shafaatyarkhan@gcu.edu.pk	
Languages and Fluency level	English (IELTS Academic Score: 6.5) Urdu (R, W, S) Fluently	
Certificate/Degree	Year	Institute
Post Doc	2022	Center for Physiology and Pharmacology MUV, Austria
Ph.D. (<i>Distinction</i>)	2017	Medical University of Vienna, Vienna, Austria
M. Phil	2004	Government College University Lahore Pakistan
M.Sc	1996	GC Lahore under University of Punjab Lahore
Areas of Research Interest	Physiology, Vascular Biology, Endothelial cell Senescence, Immunology & Hematology, Phytomedicine & Natural Products, Cell Signaling, Toxicology, Medical Entomology	
Professional Experience (Postgraduate Teaching & Research)	➤ Associate Professor of Zoology -GCU Lahore- (January 23, 2023 to date) ➤ Assistant Professor of Zoology - University of Sargodha- (October 8, 2021 to January 23, 2023) ➤ Lecturer in Zoology - University of Sargodha - (January 16, 2008 to October 7, 2021)	
Other Employment/ Professional Experience	Assistant Entomologist/Head of District CDC Program in Punjab Health Department in District Sheikhupura and Lahore and Directorate General Health Services Punjab May 1997 to January 2008	
Number of Publications	65 (Published) 06 (Submitted) 62 (In HEC Recognized), 52 with IF (32 International, 20 National)	
Cumulative Impact factor	88.405⁺	
Guest/Invited Speaker	08 Conferences/Seminars	
Conference Sessions Chair/Co-Chair	04	
Conference Papers	International (12) National (31)	
Conference Presentations	International (11) National (10)	
Awards	<ol style="list-style-type: none"> Research Award and cash prize on account of Outstanding research publications for the year 2022 by the University of Sargodha Pakistan (2022) Ph.D. with Distinction in the field of Vascular Biology by the Medical University of Vienna, Austria (2017). Best scientific presentation award in the field of Vascular Biology at 12th YSA Ph.D. symposium at the Medical University of Vienna, Austria (2016). Fully funded foreign Scholarship for Ph.D. at Medical University Vienna, Austria by HEC Pakistan (2012-2016) Scholarship by Medical University of Vienna (November 2016 to February 2017) 	

Fellowship	Ernst Mach follow up Post Doctoral Research Grant by Federal Ministry of Education, Science and Technology, Austria (2022)
International Travel Grants	<p><i>a)</i> Travel Grant awarded by CCHD, MUV Austria to present the research work in the Congress of Viral Hepatitis in Frankfurt Germany (2013).</p> <p><i>b)</i> Travel grant awarded by HEC Pakistan for oral presentation in Berlin Germany (2011).</p> <p><i>c)</i> Travel grant by HEC Pakistan for oral presentation at the conference in Nairobi Kenya (2009).</p>
Research Projects Awarded	<p>➤ ORIC GC University Lahore, Pakistan 2024 (Principal Investigator) 300,000/- PKR (1065 USD) Ongoing</p> <p>➤ Lasani Pharma (Pvt) Ltd Lahore Pakistan -2024 (Principal Investigator) 200,000/- PKR(Completed)</p> <p>➤ Ernst Mach follow up grant by Federal Ministry of Education Science & Research, Austria-2022 through OEAD (Joint Principal Investigator) 10,000 Euro (Completed)</p> <p>➤ HEC-NRPU-2019 (Principal Investigator) 51,300 USD (Completed)</p> <p>➤ World Health Organization -2011 (Co-PI) 9000 USD (Completed)</p> <p>➤ Provincial Hepatitis Control Program Punjab-2010 (Principal Investigator) 4000 USD(Completed)</p>
PhD Supervision	01 Completed, 04 In progress (02 ready for submission)
MPhil Thesis Supervision	70 Completed, 07 In progress
MSc/BS Thesis Supervision	24 Completed, 04 In progress
Member International Scientific groups	<p><i>a)</i> Member International natural product task force Poland</p> <p><i>b)</i> Member Zingiberaceae collaborative research group (ZCRG)Austria</p>
Countries Visited	10
Consultancies: International/National	<p><i>a)</i> Consultant UNICEF Punjab Pakistan, for WASH in Jhang, Lahore, Sargodha, and Hafizabad, August 2019 to June 2020</p> <p><i>b)</i> Consultant World Health Organization in Sierra Leone West Africa 2010.</p> <p><i>c)</i> Consultant World Health Organization/Center for Disease Control and Prevention (CDC) Atlanta USA West Darfur, North Sudan 2008.</p> <p><i>d)</i> Consultant Center for Disease Control and Prevention (CDC) Atlanta USA in the Jigawa State of Nigeria, 2006</p> <p><i>e)</i> District Support Officer for World Health Organization in Lahore Pakistan 2004 to 2006</p> <p><i>f)</i> Campaign Support Person for World Health Organization in District Rajan Pur & Lodhran (Punjab) Pakistan June 2004, May 2006 & June 2006</p>
Trainings	International 03 (Austria & USA)- National 06
Key Responsibilities/ Management Assignments	<ul style="list-style-type: none"> • Established and run the First (and the only so far) Human cell culture Lab in University of Sargodha, Pakistan • Focal Person, 6th International conference on innovative Biological and Public Health Research 19-20 November 2025 at GC University Lahore • Editor “Journal of Wild life and Ecology (November 2023 to date)” • Editor “Journal of Biological Sciences and Public Health” (July 2023 to date) • Associate Editor “Transactions in Physical and Biochemical Sciences” (February 2020 to Jan 2023) • Convener Assessment team for BS Zoology UVAS Lahor June 2025 till to date • Member Faculty Borard, GC Univeristy Lahore March 2023 till to date • Member Borard of Study, Department of Zoology GC University Lahore from March 2023 till to date • Member RelevanceAssessment Committee(RAC) Department of Zoology University of Sargodha (March 2024 till to date) • Post Graduate Coordinator for PhD in Zoology Department of Zoology GC University Lahore, August 2024 to August 2025 • Post Graduate Coordinator M.Phil Zoology Department of Zoology GC University Lahore March 2023 to August 2024 • Undergraduate Program Coordinator at Department of Zoology GC University Lahore, Septemr 2023 to February 2024.

	<ul style="list-style-type: none"> • Member PhD committee Department of Zoology, GC University Lahore, June 2023 till today • Undergraduate Program Coordinator at the Department of Zoology UO Sargodha (September 2017 to Jan 2023) • Convener University Anti-dengue Committee University of Sargodha (March 2018 to March 2021) • Convener Committee for the Development of PC-1 for establishment of Center for Aqua Culture & Fisheries GCU Lahore (2023) • Member Faculty Board University of Sargodha (September 2017 to 2022) • Member Board of Studies, Department of Zoology University of Sargodha (June 2022 to Jan 2023) • Member University of Sargodha Task Force for Online teaching Quality Control and Assessment (March 2020 to May 2021) • Convener Departmental Purchase & Technical Committee University of Sargodha (September 2018 to Jan 2023) • Convener Departmental Building & Maintenance Committee(September 2018 to Jan 2023) • Member Departmental PhD/MPhil Program Committee Department of Zoology , UOS, September 2018 to Jan 2023) • Member Departmental Curriculum Review Committee Department of Zoology, UOS • Director Student affairs (Department of Zoology) University of Sargodha (July 2017 to Jan 2023) • Member Departmental examination committee Department of Zoology UOS (April 2018 to November 2022) • Departmental controller(Zoology) at the University of Sargodha, Pakistan (2008-2010). • Member Departmental Promotion Committee in Punjab Health Department at District Sheikhupura and Lahore (1997-2002).
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Some Representative Publications

Sr.#	Title	Publisher	Year	Impact Factor
1.	Health-promoting and medicinal properties of Zingiberaceae family plants: A minireview with a special focus on galangal, turmeric, cardamom, and ginger	ELSEVIER <i>Curr Res Biotch</i> 10(2025)100329	2025	4.0
2.	Exploring Nutritional Supplement Use for Countering Respiratory Tract Infections through an X (formerly Twitter)-based Survey. <i>Curr Res Biotch</i>	ELSEVIER <i>Curr Res Biotch</i> 9(2025)100282	2025	4.0
3.	<i>Cenchrus ciliaris</i> L. ameliorates cigarette-smoke induced acute lung injury by reducing inflammation and oxidative stress.	Science Direct <i>S. Afr. J. Bot.</i> 171(2024) :216-227	2024	3.1
4.	Lipophilic Statins Eliminate Senescent Endothelial Cells by inducing Anoikis-Related Cell Death.	MDPI <i>Cells</i> , 12, 2836.	2023	6.000
5.	The International Natural Product Sciences Taskforce (INPST) and the power of Twitter networking exemplified through #INPST hashtag analysis	ELSEVIER <i>Phytomedicine</i> 108 (154520)	2023	6.656
6.	Signature probiotic and pharmacological attributes of lactic acid bacteria isolated from human breast milk.	ELSEVIER <i>Int. Dairy J.</i> 127(105297).	2022	3.572
7.	Evaluation of anti-scorpion (<i>Hottentota tamulus</i>) venom potential of native plants extracts using mice model	Taylor & Francis <i>Toxin Reviews</i> 41(2):806-816	2021	4.226
8.	Eupatoriopicrin Inhibits Pro-inflammatory Functions of Neutrophils via Suppression of IL-8 and TNF-alpha Production and p38 and ERK 1/2 MAP Kinases.	ACS Publications, USA <i>J. Nat. Prod.</i> 82(2):375-385	2019	4.257
9.	Premature senescence of endothelial cells upon chronic exposure to TNF α can be prevented by N-acetyl cysteine and plumericin.	Nature Group <i>Sci Rep.</i> 7:39501	2017	5.228
10.	Plumericin inhibits proliferation of vascular smooth muscle cells by blocking STAT3 signaling via S-glutathionylation.	Nature Group <i>Sci Rep.</i> 6:20771	2016	5.228
11.	A probable role of blood lead levels on some hematological parameters in traffic police, Lahore, Pakistan.	SAGE Group UK <i>Toxicol Ind Health.</i> 32(5):795-800	2016	1.688
12.	Cold induces reactive oxygen species production and activation of the NF-kappa B response in endothelial cells and inflammation in vivo	Wiley Online Lib <i>J. Thromb. Haemos.</i> 11(9):1716-1726.	2013	5.550
13.	Imbricatic acid and perlatolic acid: multi-targeting anti-inflammatory depsides from <i>Cetrelia monachorum</i> .	PLoS Group <i>PLoS One.</i> 8(10):e76929.	2013	3.534
14.	Irrational use of antimalarial drugs in rural areas of eastern Pakistan.	Springer Nature <i>BMC Public Health.</i> 12:941	2012	2.076
15.	Effect of Chromium toxicity on hematological indices in tannery workers in district Sheikhupura, (Pakistan)	SAGE Group UK <i>Toxicol. Ind Health</i> 27(9):857-864	2011	1.423