

Dr. Khizar Abbas

Associate Professor



Department of Pharmacognosy, Faculty of Pharmacy,
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Date of birth 14/04/1984 | **Nationality** Pakistani

CNIC # 32304-0865089-9, **PPC No.** 3874-A/06, **HEC Approved supervisor**

RESEARCH INTEREST:

Research interests include Pharmacognostic studies, evaluation of quality and safety of herbal drugs, Bioassay screening, Phyto-pharmaceuticals, standardization of marker compounds in medicinal plant products, isolation of natural compounds of commercial value, Nutraceuticals and Cosmeceuticals.

EDUCATION:

- Post-doctorate from School of Pharmacy, University College London UK from 14-02-2026-date
- Ph.D (Pharmacognosy) from University of Karachi, Karachi from 16-07-2013 to 28-03-2017.
- M. Phil (Pharmacognosy) from the University of the Punjab, Lahore Feb 2009 to 22-5-2012
- B. Pharmacy from BZ University, Multan from October 2001 to July 2006.
- F.Sc (Pre-Medical) from Govt. College Muzaffargarh (2001)
- Matriculation in science from Comprehensive High School Muzaffargarh (1999).

WORK EXPERIENCE:

- Working as **Associate Professor** (Pharmacognosy) in Faculty of Pharmacy B.Z. University Multan since 27-03-2023 to date.
- Worked as **Assistant Professor** (Pharmacognosy) in Faculty of Pharmacy B.Z. University Multan from 08-08-2016 to 27-03-2023
- Worked as **Lecturer** in Department of Pharmacognosy, Faculty of Pharmaceutical Sciences, Government College University Faisalabad from 28-05- 2013 to 08-08-2016.
- Worked as **Assistant Professor** of Pharmacognosy in Akson College of Health Sciences (MUST) AJ&K from 22-10-2012 to 27-05-2013.
- Worked as a **Lecturer** of Pharmacognosy at Hajvery University Lahore from 03 -10-2009 to 21-10-2012.

PROFESSIONAL BODIES EXPERIENCE:

- Member of board of faculty: Faculty of Pharmacy, University of Lahore, Lahore, Pakistan.
- Member of board of studies: Department of Pharmacognosy, Faculty of Pharmaceutical Sciences, Government College University, Faisalabad.
- Member of board of studies: Department of Pharmacognosy, Faculty of Pharmacy, Gomal University, Dera Ismail Khan
- Associate Editor: “Pakistan Journal of Pharmaceutical Research”

- External examiner: University college of Pharmacy, University of Punjab, Lahore
- External examine: University of Karachi, Karachi, Pakistan
- External examiner: Islamia University Bahawalpur, Bahawalpur
- External examiner: GC University, Faisalabad
- External examiner: University of Sargodha, Sargodha
- External examiner: The University of Faisalabad, Faisalabad.
- External examiner: Gomal University, Dera ismail Khan
- External examiner: University of Central Punjab, Lahore
- External examiner: Akson College of Health Sciences, Meer Pur, Azad Kashmir
- External examiner: Superior University Lahore

ADMINISTRATIVE /ADDITIONAL RESPONSIBILTIES:

- **Incharge Faculty bachelor hostel** from 18-08-2020 to 16-08-2021
- **Member of Faculty of Pharmacy Discipline committee** from 10-1-2020 to 25-5-2021
- **Senior Most teacher of Department of Pharmacognosy** from 17-10-2017 to 11-04-2023
- Working as **Chairman Department of Pharmacognosy** from 11-04-2023 to 13-02-26
- **Superintendent** of Qasim Hall Hostel at B.Z. University from 12-4-2017 to 23-07-2019
- **Member of Pharmacy research ethics Board** for animal house of Faculty of Pharmacy B.Z.U Multan from 4-07-2019 to 11-03-2021.
- Member of **Examination committee of Pharm. D program**, Faculty of Pharmacy B.Z.U Multan from 12- 03-2019 to 11-3-2021.
- Member of **Admission committee of Pharm. D program**, Faculty of Pharmacy B.Z.U Multan since 12- 03-2019
- **Coordinator for Pharm. D 2nd professional**, Faculty of Pharmacy from 24-10-2018 to 18-03-2019
- **Coordinator for Pharm. D 3rd professional**, Faculty of Pharmacy from 07-03-2018 to 23-10-2018
- Member of **Departmental industry linkage committee**, Faculty of Pharmacy B.Z.U Multan since 04- 08-2017
- Member of **Faculty purchase committee**, Faculty of Pharmacy B.Z.U Multan from 27- 07-2017 to 13-02-26
- Member of **Departmental seminar/Symposium Committee**, Faculty of Pharmacy B.Z.U Multan from 27- 07-2017 to 13-02-26
- Member of **Hall council** of B.Z.U Multan from 01-02-2017 to 21-05-2019
- **Assistant superintendent** Abu Bakr Hostel at B.Z University Multan from 29-9-2016 to 11-04-2017
- Working as **Departmental focal person** of Prime Minister Laptop scheme since 27-12-2016 to 13-02-26
- **Coordinator** Department of Pharmacognosy, Faculty of Pharmaceutical Sciences, GC University Faisalabad 16-04-2014 to 07-08-2016

TRAININGS/CERTIFICATE:

- Four-week training of computer literacy program from Bahauddin Zakariya University, Multan.

- Six months as a trainee Pharmacist and teach the Dispensers in DHQ Hospital, Muzaffargarh from 28-11-2005 to 28-05-2006.

MEMBERSHIP:

- Member of District quality control board of District Muzaffar-Garh
- Member of Pakistan Pharmacist Association

NOEBOOK/BOOK/ BOOK CHAPTER:

1. Professor. Dr Bashir Ahmad Ch. and Dr. Khizar Abbas having titled “*Practical Note Book of Pharmacognosy, 3rd Professional Pharm. D*” 2020
2. Professor. Dr Bashir Ahmad Ch. and Dr. Khizar Abbas having titled “*Hand Book of Pharmacognosy-II (Advanced) for 3rd Professional Pharm.D. students*” 2021.

RESEARCH PROJECTS:

Sr No.	Title	Funding agency/University	Amount	Date of award
1.	Phytochemical, Pharmacological and Biological investigations of bark and seed kernels of <i>magnifera indica</i> L.	Bahauddin Zakariya University Multan	147900/	11-10-2017
2.	Standardization and evaluation of poly herbal extract for anti-oxidant and enzyme modulatory effects	Bahauddin Zakariya University, Multan	150000 /	26-06-019
3.	Application of medicinal plants of Pakistan for the treatment of erectile dysfunction (ED).	Bahauddin Zakariya University,	200000 /	26-07-2021
4.	Therapeutic application of indigenous medicinal plants for anti-inflammatory, thrombolytic and antihyaluronidase effect	Bahauddin Zakariya University	250000/	14-07-2023

M.Phil. STUDENTS SUPERVISION:

1	Completed	16
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Ph.D. STUDENT SUPERVISION:

1	Completed	2
2	In process	7

CONFERENCES/ SEMINAR /WORKSHOP:

Presented Research Work:

1. **Khizar Abbas** “*Combination of spices and fruits extract effects blood glucose, body weight, and hyperlipidemia induced by high fat high sugar diet model in rats* ” International conference on Pharmacognosy December 06-2022, Windsor, Berkshire England.

2. **Khizar Abbas**, Ghazala H. Rizwani and Hina Zahid “*Evaluation of Musa paradisiaca L. superfluous material for Anti-diabetic potential*” 5th Hamdard International Conference: Global Popularity of Alternative Medicine, Responsibilities and Challenges (5th HICGPAMRC) January 9-11, 2020 Hamdard University, Madinat al-Hikmah, Karachi, Pakistan
3. Presented research work on 2nd international symposium on Pharmaceutical Sciences Titled “Innovation and integration in pharmaceutical and biomedical sciences, way forward for collaboration” held on 30th January 2019 organized by Faculty of Pharmaceutical sciences, Government college University Faisalabad Pakistan.
4. **Khizar Abbas**, Ghazala H. Rizwani, Muhammad Imran Qadir, Muhammad Asif Wazir and Talal Shaheer *Effect of poly herbal extract on hepatic, renal and hematological parameters* 2nd GRIP international conference on Pharmaceutical and Biomedical sciences (IC-PBS) and 8th Pak Pharma and Health care Expo 2019 held on 15-17 January 2019 at Expo center Lahore Pakistan.
5. M. Asif Wazir, Muhammad Iqbal Azhar, **Khizar Abbas**, Zafar Iqbal and Asad Saleem Sial *Phytochemical and Biological evaluation of Capparis decidua (Forsk.) Edgew.* IPC2019 2nd International Pharmacy Conference on Recent trends in advancement of Pharmaceutical sciences: challenges and opportunities held on 14-16 February 2019 at B.Z.U Multan
6. **Khizar Abbas**. *Medicinal plants: An Effective tool for the treatment of multi drug resistant Staphylococcus aureus infections*. HU International Conference and Exhibition 2018 held at Hajvery University Lahore on 27 December 2018.
7. **Khizar Abbas**. *Possible underlying mechanism triggered by Musa Paradisiaca L. for its Anti-diabetic and Hypolipidemic potential in Alloxon induce diabetic rats*. 3rd International health trigon summit 2018 held at University of Lahore on 17-18 April 2018.
8. **Khizar Abbas**, Muhammad Sharif Masoud, Sadia Mushtaq, Muhammad Imran Qadir, Usman Ali Ashfaq, Samina Afzal, Talal Shaheer. *Isolation and susceptibility of multidrug resistant Staphylococcus aureus towards medicinal plants* on 4th Hamdard International Conference on Unani Medicine-2017 from 9-11 January 2017.
9. **Khizar abbas**, Ghazala H Rizwani, M Imran Qadir and Hina Zahid. *Antimicrobial and antioxidant activity of methanolic extract of tracheal fluid of Musa Paradisiaca L.* 1st international conference on recent innovation in pharmaceutical sciences 3-5 march 2015.
10. Muhammad Masood Ahmed, Rong-rong Tao, Huan Wang, Ji-yun Huang, Mei-hua Liao, **Khizar Abbas**, FengHan. *P2X7/FasL Signaling Participates in Microsphere-Induced Embolic Stroke-Triggered Microglia Activation*. 18th International Pharmacy Conference and Exhibition, IPCE Lahore Pakistan, 2013.

Abstract Published in conference booklets:

1. M. Asif Wazir, Muhammad Iqbal Azhar, **Khizar Abbas**, Zafar Iqbal and Asad Saleem Sial *Phytochemical and Biological evaluation of Capparis decidua (Forsk.) Edgew.* IPC2019 2nd International Pharmacy Conference on Recent trends in advancement of Pharmaceutical sciences: challenges and opportunities held on 14-16 February 2019 at B.Z.U Multan.
2. **Khizar Abbas**, Ghazala H. Rizwani and Hina Zahid “*Evaluation of Musa paradisiaca L. superfluous material for Anti-diabetic potential*” 5th Hamdard International Conference: Global Popularity of Alternative Medicine, Responsibilities and Challenges (5th HICGPAMRC) January 9-11, 2020 Hamdard University, Madinat al-Hikmah, Karachi, Pakistan

Organized:

- Organized one-day international Seminar on *Standardization of natural products: opportunities for commercialization* organized by Department of Pharmacognosy, B.Z.U Multan on 9th November 2018.
- Organized three days’ workshop on *Talent grooming and Career counseling* organized by Faculty of Pharmacy, Bahauddin Zakariya University Multan on 10-12 May 2018.
- Organized the Annual dinner of Faculty of Pharmacy held in April 2018
- Organized one-day seminar on *Nano-particles and herbal medicine* organized by College of Pharmacy, GC University Faisalabad on 04-12-2013.

Attended Conference/Seminars:

- Participated in “Current Trends & Innovations in Drug Delivery (CTIDD 2023)” held on February 23-2022 organized by Department of Pharmaceutics at B.Z.U Multan.
- Participated in “One day workshop on plagiarism and research ethics” held on March 14-2022 organized by Quality Enhancement Directorate at B.Z.U Multan.
- Participated in 13th International Symposium on Pharmaceutical Sciences (ISOPS-13) held on 22-25 June 2021 in Ankara Turkey.
- Participated in two-day training session on “*A pathway to Peace Tolerance, Acceptance to diversity and Prevent Narratives*” on 1-2 February 2020 organized by Tajdeed-e-Aman II by H-WRAP at Lahore.
- Participated in one-day *Orientation session on CVE* for hostel staff of B.Z.U on 26th March 2019 organized by Tajdeed e Aman at Bahauddin Zakariya University Multan.
- Participated in IPC2019 2nd International Pharmacy Conference on *Recent trends in advancement of Pharmaceutical sciences: challenges and opportunities* held on 14-16 February 2019 at B.Z.U Multan
- Participated in *Training workshop on Team building for Managers* held on 07 January 2019 at B.Z.U Multan organized by ORIC.

- Participated in *Training Faculty teaching program (success mind set of the faculty)* held on 19 April 2018 at B.Z.U Multan organized by ORIC.
- Participated in awareness seminar on *EU research & innovation programme, Horizon-2020 (2014-2020)* at August 24, 2017 at BZU Multan Pakistan
- Participated in international seminar on *Expanding eastern medicine for health of all* at B.Z. University Multan organized by Faculty of Pharmacy on 10-11-2016
- Participated in National Seminar on *Emerging trends in homoeopathic medical science* at Government College university Faisalabad organized by PHMA on 10-03-2016
- Participated in National Seminar on the *Plant remedies used against skin diseases in Sindh* at international center for Chemical and Biological sciences, University of Karachi on 09-10-2015
- Participated in National Pharmacy conference on *Pharmacy as profession: Challenges and opportunities in new scenario* organized by Department of Pharmacy, University of Peshawar on 21-23 August 2015.
- Participated in 6th national conference on *Health concerns and phytotherapies* on 26 June 2014 organized by Department of Pharmacognosy, Faculty of Pharmacy KU.
- Participated in one-day seminar on *Research of pharmacy practice in Pakistan* organized by Faculty of Pharmaceutical Sciences, GC University Faisalabad on 24-09-2014.
- Participated in one-day seminar on *Legal Issues: Pharmacy profession in Saudi Arabia* organized by College of Pharmacy, GC University Faisalabad on 19-03-2014
- Participated in one-day seminar on *Forensic Science a new horizon of Pharmacy* organized by College of Pharmacy, GC University Faisalabad on 27-02-2014
- Participated in one-day seminar on *Current good manufacturing practice* organized by College of Pharmacy, GC University Faisalabad on 10-01-2014
- Attend seminar on *Pharma industry contribution for diabetes management and career development* organized by College of Pharmacy, GC University Faisalabad on 11-9-2013
- Participated in one-day seminar on *Health awareness program* organized by University of Central Punjab Lahore on 10-06-2013
- Participated in national conference “*People health through quality pharmacy services, think globally – act locally*” held in Lahore College for Woman University Lahore 25&26 -05 2012
- Attended one-day seminar on *Current Pharmacy Practices* organized by Pharmacy department of Jinnah Hospital Lahore on 16-07-2011
- Attended one-day seminar on *Skill enhancement of industrial pharmacists* organized by Pakistan Pharmacist Association in Islamabad on 07-12-2010.

RESEARCH ARTICLE

1. Asad Saleem Sial, Muhammad Mohtasheemul-Hasan, **Khizar Abbas**, Rizwana Manzoor, Usman Javaid, Syed Zia Ul Hasnain Adnan Amin. Nutritional and phytochemical profiling of *Solanum melongena* L. root extract using LC-ESI-MS/MS; In-silico and biological evaluation. *South African Journal of Botany.*, **2026**. 192: 194-205
2. Syed Zia ul Hasnain, Maryam Ahmed, Adeola Tawakalitu Kola-Mustapha, Jahanzeb Mudassir, Ambreen Aleem, Iqra Islam, Adnan Amin, **Khizar Abbas***, and Asad Saleem Sial. Salubrious effects of *Ficus carica* L. leaves extract in inflammation, diabetes, and obesity: An in-vitro, in-silico, and in-vivo study. *Food & Nutrition Research.*, **2026**, 70: 11024 - <http://dx.doi.org/10.29219/fnr.v70.11024>
3. Muhammad Imran Qadir, Bushra Rafique, Muhammad Hammad Ahmad & **Khizar Abbas**. Camphothecin as inhibitor of liprin alpha-2 for management of Breast cancer. *Irish Interdisciplinary Journal of Science & Research (IIJSR).*, **2025**: 9 (1), 36-40.
4. Jahanzeb Mudassir, Aamir Jalil, **Khizar Abbas** and Yusrida Darwis. Formation of self-assembled polyelectrolyte complex derived from BSA and nanogels: a study to optimize processing parameters and preserve protein integrity. *Drug Development and Industrial Pharmacy.*, **2025**. DOI: 10.1080/03639045.2025.2479758
5. Hina Zahid, Bushra Hina and **Khizar Abbas***. *In vitro* urease inhibition screening of some edible and medicinal herbs to combat *Helicobacter pylori* related gastric diseases. *Pak. J. Pharm. Sci.*, **2025**: 38 (1), 007-014
6. Syed Zia ul Hasnain, Maryam Ahmed, Rizwana Manzoor, Adnan Amin, Jahanzeb Mudassir, Sadia Jafar Rana and **Khizar Abbas***. Anti-inflammatory, antidiabetic and hypolipidemic potential of *Cinnamomum verum* J. Presi bark coupled with FT-IR and HPLC analysis. *Pak. J. Pharm. Sci.*, **2024**: 37 (6), 1529-1544
7. Muhammad Fakhar Ul Mehmood, Marvi, Hatem A. Abuelizz, Nighat Aziz, Raheela Bano, Asif Wazir, Imran Ahmad, **Khizar Abbas**, Saiqa Ishtiaq and Adnan Amin. Advance Glycation End Products Inhibition by *Citrus paradisi* Peel Extract; Characterization, LCMS-QTOF Analysis, and Biological Evaluation. *Food Science & Nutrition*, **2024**: 0:1–11
8. Muhammad Imran Aziz, Muhammad Mohtasheemul Hasan, Riaz Ullah, Ahmed Bari, Mohsin Abbas Khan, Syed Zia Ul Hasnain, Rabia Baloch, Muhammad Akram, Aqsa obaid, Aziz Ullah, **Khizar Abbas** and Adnan Amin. Potential role of *Citrus bergamia* flower essential oil against oral pathogens. *BMC Complementary Medicine and Therapies*, **2024**: 24,157
9. Muhammad Imran, Abdul Haleem Shah, Niamat Ullah, Suliman Yousef Alomar, Abdur Rehman, Naeem Ur Rehman, Asif Nawaz, Rabia Baloch, Ali Zaman, Hafiz Abdul Rafey, **Khizar Abbas**, Adnan Amin. Integrated computational analysis, *in vitro*, *in vivo* investigation on *Myristica fragrans* Houtt. essential oils for potential anti-rheumatic activities. *Journal of King Saud University – Science*, **2024**: 36, 103177
10. Muhammad Sohail Arshad, Muhammad Hamza, Saman Zafar, Sadia Jafar Rana, Haji Muhammad Shoaib Khan, Tahir Ali Chohan, **Khizar Abbas**, Tanveer Ahmad, Zeeshan Ahmad. Preparation and characterization of ascorbic acid electrospun micro-material loaded gel for topical applications. *Journal of Drug Delivery Science and Technology*, **2023**: 89, 1-11
11. **Khizar Abbas***, Adnan Amin, Jahanzeb Mudassir, Abdullah Yahya Abdullah Alzahrani, Tayyba Saher, Rizwana Manzoor, Ambreen Aleem, Mohsin Abbas Khan, M. Asif Wazir, Sadia Jafar Rana, Hafiz Abdul khaliq, Adeel Usman, Asad Saleem Sial, and Syed Zia ul Hasnain. Preparation, characterization and evaluation of hydrogels from different fractions of diverse medicinal plants for management of pain and inflammation. *International journal of food properties*, **2023**: 26(1): 2532–

12. Abdur Rehman Sarwar, Furqan Muhammad Iqbal, Muhammad Anjum Jamil and **Khizar Abbas***. Nanocrystals of Mangiferin Using Design Expert: Preparation, Characterization, and Pharmacokinetic Evaluation. *Molecules*, **2023**: 28, 5918.
13. Jahanzeb Mudassir, Afsheen Raza, Mahtab Ahmad Khan, Huma Hameed, Gamal A. Shazly, Ali Irfan, Sadia Jafar Rana, **Khizar Abbas**, Muhammad Sohail Arshad, Sajjad Muhammad and Yousef A. Bin Jordan. Design and Evaluation of Hydrophobic Ion Paired Insulin Loaded Self Micro-Emulsifying Drug Delivery System for Oral Delivery. *Pharmaceutics*, **2023**: 15, 1973.
14. **Khizar Abbas***, Ghazala H. Rizwani, Muhammad Imran Qadir, Muhammad Younis, Muhammad Naeem Qaisar, Faheem Ahmad Siddique, Muhammad Naeem Aamir, Asif Wazir and Talal Shaheer.
15. Herbal Formulation Comprised of Methanol Extracts of *Tribulus terrestris L.* and *Zingiber officinale* Roscoe Has Antihypertensive Effects. *Alternative Therapies in Health and Medicine*, **2023**:29 (4).234-239
16. Ghazala H Rizwani, Bushra Hina, **Khizar Abbas**, Huma Shareef and Hina Zahid. Rainbow Paratha – Establishment of Common People Diet in Post Pandemic Situation as Protective Measure and Immunity Enhancer. *Nutrition Research and Food Science Journal*, **2023**: 6(1): 1–8.
17. Tayyba Saher, Rizwana Manzoor, **Khizar Abbas***, Jahanzeb Mudassir, M Asif Wazir, Ejaz Ali, Faheem Ahmad Siddique, Akhtar Rasul, Muhammad Imran Qadir, Ambreen Aleem, Naeem Qaiser, Adeel Usman, Muhammad Romman, Muhammad Sajid Ali. Analgesic and Anti-Inflammatory Properties of Two Hydrogel Formulations Comprising Polyherbal Extract. *Journal of Pain Research*, **2022**:15, 1203–1219.
18. Sani-e-Zahra , Muhammad Shahid Iqbal, **Khizar Abbas**, Muhammad Imran Qadir. Synthesis, characterization and evaluation of biological properties of selenium nanoparticles from *Solanum lycopersicum*. *Arabian Journal of Chemistry*., **2022**: 15, 1-13, Article ID 103901
19. Ahmed E. Altyar, Ans Munir, Saiqa Ishtiaq, Muhammad Rizwan , **Khizar Abbas** , Osama Kensara Sameh S. Elhady, Waleed Y. Rizg, Fadia S. Youssef and Mohamed L. Ashour. Malva parviflora Leaves and Fruits Mucilage as Natural Sources of Anti-Inflammatory, Antitussive and Gastro-Protective Agents: A Comparative Study Using Rat Models and Gas Chromatography. *Pharmaceutics*., **2022**:15, 427. 1-21
20. Umair Jillani, Jahanzeb Mudassir, Qazi Amir Ijaz, Sumera Latif, Nadia Qamar, Ambreen Aleem, Ejaz Ali, **Khizar Abbas**, Muhammad Asif Wazir, Amjad Hussain, Nasir Abbas, and Muhammad Sohail Arshad. Design and Characterization of Agarose/HPMC Buccal Films Bearing Ondansetron HCl In Vitro and In Vivo: Enhancement Using Iontophoretic and Chemical Approaches. *BioMed Research International*., **2022** .1-17. Article ID 1662194.
21. Shahid Rasool, Mehreen Malik Uttra, Muhammad Saleem, Faheem Ahmad, Muhammad Younus, **Khizar Abbas**, Amanullah and Adnan Amin. Determination of antioxidant and bimolecular protective effect of *Berberis calliobotrys* Aitch. ex *Koehne* extracts and essential oil against H₂O₂ induced oxidative damage to pBR 322 DNA and RBCs. *Pakistan Journal of Pharmaceutical Sciences*., **2022**: 35(2),465-471.
22. Imran Aziz, Qazi Najmus Saqib, Muhammad Younus, Ejaz Ali, Muhammad Imran Qadir, Faheem

- Ahmad Siddique, M. Asif Wazir, M Talal Shaheer, Qazi Adnan, Jafir Hussain Shirazi, Kashif Ur Rehman, Saad Ullah and **Khizar Abbas***. Physicochemical, antidiarrheal and antidiabetic potential of super food (*Moringa oleifera* Lam.). *Pakistan Journal of Pharmaceutical Sciences.*, **2021**: 34 (2)(Suppl),723-729.
23. Syeda Fatima, Nazia Aslam, Sofia Khalid, Kalim Ullah, **Khizar Abbas**, Shahzad Hussain, Syed Sajid Hussain Shah, Zia-Ur-Rahman Qureshi, Mughal Qayum, and Muhammad Hassham Hassan Bin Asad. Antihyaluronidase and Alkaline Phosphatase (ALP) Activities of Medicinal Plants to Combat *Echis carinatus* Venom- Induced Toxicities. *BioMed Research International*. **2021**: 1-8.
 24. Muhammad Asif Wazir, Muhammad Iqbal Azhar, Zafar Alam Mehmood, Muhammad Imran Qadir, M Younis Khan, Faheem Ahmad Siddique, Talal Shaheer, Waqar Hussain, **Khizar Abbas***. Pharmacognostic, phytochemical, biological and spectroscopic analyses of *Capparis decidua* (Forsk.) Edgew root and stem bark. *Tropical Journal of Pharmaceutical Research*. **2020**: 19 (12): 2667-2675.
 25. Akhtar Rasul, Muhammad Imran Khan, Mujeeb Ur Rehman, Ghulam Abbas, Nosheen Aslam, Shabbir Ahmad, **Khizar Abbas**, Pervaiz Akhtar Shah, Muhammad Iqbal, Ali Mohammad Ahmed Al Subari, Talal Shaheer and Shahid Shah. In vitro Characterization and Release Studies of Combined Nonionic Surfactant-Based Vesicles for the Prolonged Delivery of an Immunosuppressant Model Drug. *International Journal of Nanomedicine*. **2020** :15: 7937–7949.
 26. Nazia Aslam, Tariq Javed, Sofia Khalid, Nusrat Shaheen, Syeda Fatima, Muhammad Latif, Khurram Afzal, Samina Afzal, **Khizar Abbas**, Muhammad Arfat Yameen, Yasser M. S. A. Al-Kharaman, Muhammad Imran Amirzada, Ryan J. R. McCleary, Albert A. Rizvanov, Muhammad Hassham Hassan Bin Asad. Antiprotease Activity of Indigenous Medicinal Plants against Pakistani *Echis carinatus* Venom. *Pharmacognosy Magazine*. **2020**:6 (69): 416-421
 27. Adnan Amin, Muhammad Hanif, **Khizar Abbas**, Muhammad Ramzan, Abdur Rasheed, Ali Zaman, Luc Pieters. Studies on effects of umbelliferon derivatives against periodontal bacteria; antibiofilm, inhibition of quorum sensing and molecular docking analysis. *Microbial Pathogenesis*. **2020**: 144. 104184.
 28. Talal Shaheer, Syed Tahir Ali, Ghazala Hafeez Rizwani, Muhammad Naeem Qaisar, **Khizar Abbas***, Muhammad Imran Qadir, Faheem Ahmad Siddique. Morphological characterization, phytochemical profile, and cytotoxic and insecticidal activities of diverse parts of *Bryophyllum pinnatum* (Lam.). *Tropical Journal of Pharmaceutical Research.*, **2019**: 18 (10): 2147-2154.
 29. Bilal Ahmed, Akhtar Rasul, Kanwal Zia Tareen, Muhammad Sajid Hamid Akash, Syed Aun Muhammad, Muhammad Irfan, **Khizar Abbas** and Muhammad Imran Qadir. Contemporary evidence on the dynamic role of probiotics in liver Diseases. *Pakistan Journal of Pharmaceutical Sciences.*, **2019**: 32(6), 2759-2764.
 30. Mariam Batool, Samina Afzal, Khurram Afzal, Bilal Ahmed, **Khizar Abbas**, Syed Aun Muhammad and Muhammad Imran Qadir. Anticancer activity of *Ziziphus mauritiana* roots against human breast cancer cell line. *Pakistan Journal of Pharmaceutical Sciences.*, **2019**: 32 (4): 1715-1716.
 31. Muhammad Naeem Aamir, Aneela Manzoor, Hina Hussain, Zeeshan Javaid, Tariq Mahmood, **Khizar Abbas**, and Akhtar Rasul: Oro-dispersible Films of an Antipsychotic Drug: Development

and Physicochemical Characterization. *Journal of the Chemical Society of Pakistan.*, **2019**: 41(03) :469-478

32. Muhammad Younus, Muhammad Mohtasheemul Hasan, Muhammad Sajid ur Rehman, **Khizar Abbas** and Ghulam Sarwar. Pharmacognostic and physicochemical screening of *Euphorbia nivulia* Buch.-Ham. *Pakistan Journal of Pharmaceutical Sciences.*, **2019**: 32(3) :1111 -1119
33. **Khizar Abbas**, Muhammad Imran Qadir & Sidra Anwar. The Role of Melanin in Skin Cancer. *Critical ReviewsTM in Eukaryotic Gene Expression.*, **2019**: 29(1):17–24.
34. Syed Ali Raza Naqvi, Muhammad Yameen, Zaib Hussain, Sadia Asim, Muhammad Usman, Naeem-Ul-Haq Khan and **Khizar Abbas**. Enzymatic degradation study of ¹¹¹In-labeled minigastrin peptides using cathepsin B enzyme and AR42J cancer cell line for the development of neuroendocrine tumor imaging radiopharmaceuticals. *Pakistan Journal of Pharmaceutical Sciences.*, **2018**: 31 (6): .2585-2589.
35. Syed Nisar Hussain Shah, Asma Mumtaz, Muhammad Zabta Chaudary, Nauman Bashir, Muhammad Mazhar Ayaz, Faheem Ahmad Siddique and **Khizar Abbas*** Hepatoprotective and hepatocurative effects of *Spilanthes acmella* Murr against paracetamol induced hepatotoxicity. *Pakistan Journal of Pharmaceutical Sciences.*, **2018**; 31(5) (Suppl):2061-2068
36. Ammara Sadique, Syed Haroon Khalid, Sajid Asghar, Muhammad Irfan, Ikram Ullah Khan, Akhtar Rasul, Muhammad Imran Qadir, & **Khizar Abbas***. Miconazole Nitrate Microemulsion: Preparation, Characterization and Evaluation for Enhancement of Antifungal Activity. *Latin American Journal of Pharmacy.***2018**: **37** (8): 1578-1586
37. Sadaf Saleem, Muhammad Uzair, Bashir Ahmad, Muhammad I. Qadir, **Khizar Abbas***, Faheem Ahmad Siddiqui & Naeem Qasir. Cytomorphological, phytochemical, antimicrobial and antioxidant investigations of different morphological parts of *solanum xanthocarpum* schrad & wendl. *latin american journal of pharmacy.*, **2018**; **37** (4): 839-848.
38. Nabila abdu salam , Alia erum , Sajid bashir , Muhammad Naeem Aamir , Akhtar rasul , **khizar abbas** , Muhammad riaz & Atif usman. Fabrication and characterization of sustained-release matrix tablets: Novel combination of antidiabetic and antihypertensive drugs. *Latin american journal of pharmacy.*, **2018**; 37 (3): 431-8.
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