



Dr. Alamgeer

Village Shikiyote, P.O Sharote Gilgit Baltistan, Pakistan

Cell# 0092- 3437547785

E. mail:alam_yuchi@yahoo.com ; alamgeer.ghulab@uos.edu.pk

Date of Birth: 10th Nov, 1980

Nationality: Pakistani

Objective

To excel in the sacred Profession of Pharmacy and to pursue my research voyage in the area of Pharmacology (Cardiovascular Pharmacology). To Establish Center of Excellence in Pharmacology

Subject; Pharmacy

Major Field; Pharmacology

Employment

December 2019 to date

Associate Professor Pharmacology, Punjab University College of Pharmacy, University of the Punjab, Lahore

April 2010 to December 2019

Assistant Professor Pharmacology, College of Pharmacy University of Sargodha.

October 2015 to March 2018

Head of Department of Pharmacology, Faculty of Pharmacy University of Sargodha.

Feb 2017 to March 2018

Deputy Director Office of research innovation and commercialization (ORIC) University of Sargodha

September 2008 to April 2010

Lecturer, Faculty of pharmacy University of Sargodha.

September 2007 to September 2008

Teaching Assistant/Demonstrator, Faculty of Pharmacy University of Sargodha.

January 2007 to August 2007

Distribution manager, Zaman medicine company.

June 2005 to December 2006

Retail Pharmacist, Sheikh medicine House Multan.

April 2004 to March 2005

Retail Pharmacist, Zaka Pharmacy Lahore.

Education

PhD Pharmacology, (2014)

Department of Pharmacology, Faculty of Pharmacy University of Sargodha, Sargodha.

Masters of Philosophy in Pharmacology, (2008)

Faculty of Pharmacy Bahauddinzakariyah University, Multan, Pakistan.

Bachelors of Pharmacy,(2005)

University College of Pharmacy, University of Punjab.

Achievements

- Established a highly equipped Laboratory of Cardiovascular research and integrative Pharmacology. I have following latest and technologically advanced instruments named Langendorff isolated heart apparatus with various transducers attached to power lab. Noninvasive blood pressure instrument attached with power lab. Tissue organ bath with various transducers attached with power lab and transducers for invasive blood pressure. Plethysmometer for study anti inflammatory and anti arthritic activities. By using these instruments we can evaluate antihypertensive, hypotensive, cardiac stimulant, vasorelaxant, cardioprotective, anti-ischemic, spasmogenic, spasmolytic, bronchorelaxant, anti-inflammatory anti arthritic activities of various unknown drugs.
- Received Six months Scholarship from HEC under IRSIP
- Established an international stander Animal house to keep the animal in proper condition for research
- Reviewer of Bnagldesh journal of Pharmacology,Pharmaceutical Biology and BMC complementary and alternative medicine
- Received HEC merit certificate in the field of sports foot ball

**Research project
completed/Underprogress**

S. No	Title of Project	PI/CO-PI	Amount	Agency	Status
1	Pharmacological evaluation of cardiovascular effects of selected medicinal plants from Pakistan: activity guided fractionation and characterization of the mechanism of action.	PI: Dr. Alamgeer	4,270,643 Rs.	(An international joint research project of HEC and CAMPU FRANCE (PERIDOT research program) N0.3-3/HEC/R&D/PERIDOT/2017 MAY 18/2017	Under Process
2	Maintenance of laboratory equipments.	PI: Dr Alamgeer	1.8 Million	HEC	Completed
3	Pharmacological evaluation of antihypertensive activity of acacia jacquemontii benth and asphodelus tenuifolius cavan and their underlying mechanism of action	PI: Dr. Alamgeer	835,000 Rs.	ORIC UOS Uos/oric/2016/36 Dated june 2 2017	Under Process
4	Asymmetric Synthesis and <i>In Vivo / In Vitro</i> Pharmacological Evaluation of Isocoumarins	Dr. Rauf Raza CO-PI: Alamgeer	3.8 Millions	HEC	Under Process
5	Pharmacological basis for the use of mangiferin and plumbagin in hypertension and myocardial ischemia in rat models	PI: Taseer Ahmad CO-PI: Alamgeer	948796 Rs	HEC	Under Process
6	Phytochemical profiling and pharmacological evaluation of two indigenous medicinal plants	PI: Dr. Muhammad Naeem Qaisar CO-PI: Alamgeer	950,000 Rs.	ORIC UOS Uos/oric/2016/35 Dated june 2 2017	Under Process
7	Evaluation of therapeutic potential of <i>Salvia bucharica</i> and <i>Caralluma edulis</i> for vascular dysfunction and dyslipidemia induced	PI: Muhammad Kamran CO-PI: Dr. Alamgeer	905,000 Rs.	ORIC UOS Uos/oric/2016/37 Dated june 02 2017	Under process

	through multiple pathways.				
8	Assessment of cardioprotective effect of <i>Berberis orthobotrys</i> and <i>Thymus linearis</i> against ischemic myocardial injury.	PI: Abdul Malik CO-PI: Alamgeer	1 Million	ORIC UOS Uos/oric/2016/33 Dated june 02 2017	Under process

Abstract presented/ Conferences & Seminars attended

1. Muhammad Naveed Mustaq, Sushmita Ghimire, **Alamgeer***, Muhammad Shoaib Akhtar, Achyut Adhikari, Cyril Auger, Valérie B.Schini-Kerth. Tambulin is a major active compound of a methanolic extract of fruits of *Zanthoxylum armatum* DC causing endothelium-independent relaxations in porcine coronary artery rings via the cyclic AMP and cyclic GMP relaxing pathways. 5th Current Drug Development International Conference 2018 and the 3rd International Conference on Herbal and Traditional Medicine 2018 (CDD & HTM 2018). (Abstract accepted)
2. Organized an international symposium on importance of ethnomedicine. Prof Dr Zehna Mei delivered a talk on this event on my special invitation.
3. Taseer Ahmad, **Alamgeer**, Taous Khan, Abdul Jabbar Shah. Antihypertensive and vasorelaxant effect of Juglone via NO/cGMP pathway and calcium channels. 3rd International Health Trigon Summit 2018. The university of Lahore. April 17-18, 2018.
4. **Alamgeer**, Shanila Akhtar, Ambreen Malik Uttra, Umme Habiba Hassan and Haleema Sadia. In Vivo and In Vitro assessment of antiarthritic activity of *Solanum nigrum* Lin. 1st National Conference on Recent Advancement in Pharmaceutical Science. College of Pharmacy, University of Sargodha. March 7-8, 2018.
5. **Alamgeer**, Syeda Amna Batool, Erum Fatima, Hira Asif. The probable pharmacodynamic/mechanistic approach to hypotensive effect of Butanolic fraction of *Berberis orthobotrys* Bien ex Aitch in anesthetized normotensive rats. First International Conference on Advances in Plant Sciences –ICAPS18, held on April 25-27, 2018 in Sarajevo, Bosnia & Herzegovina.
6. Waqas Younis¹, **Alamgeer***¹, V.B. Schini-Kerth², Arquimedes Gasparotto Junior³ and Muhammad Majid. Cardioprotective effect of *Asphodelus tenuifolius* Cav. on blood pressure and metabolic alterations in glucose-induced metabolic syndrome rats - an ethnopharmacological approach. 6th International symposium-cum-training course on molecular medicine and drug research. Dr Panjwani center for molecular medicine and drug research. November 6-9 2017
7. **Alamgeer**, Erum Fatima, Syeda Amna Batool and Hira Asif. Appraisal of Hypotensive action of Aqueous Fraction of *Ficus carica* Fruit extract and its Mechanistical aspects. 1st international conference on emerging trends in zoology held at the Department of Zoology University of Sargodha, Sargodha, Pakistan. 2017.
8. Waqas Younis¹, **Alamgeer***¹, V.B. Schini-Kerth², Arquimedes Gasparotto Junior³ and Muhammad Majid. Cardioprotective effect of *Asphodelus tenuifolius* Cav. on blood pressure and metabolic alterations in glucose-induced metabolic syndrome rats - an ethnopharmacological approach. 2nd International conference on recent innovations in pharmaceutical sciences at RIPHAH institute Islamabad Pakistan. 2017

9. Waqas Younis¹, **Alamgeer***¹, V.B. Schini-Kerth², Muhammad Majid³ and Ihsan Ul Haq³. *Crataegus songarica* C. Koch prevents and ameliorates hypertension, insulin resistance, aortic endothelial dysfunction and oxidative stress in glucose induced metabolic syndrome rat model. Symposium on emerging trends in the extraction of bioactives for nutraceutical developments held at the Department of Chemistry University of Sargodha, Sargodha, Pakistan. 2017
10. **Alamgeer**, C Auger, P Chabert, C Lugnier, MN Mushtaq, V.B Schini-Kerthe. "Endothelium-independent vasorelaxant effect of *Thymus linearis* via inhibition of phosphodiesterases in porcine coronary artery" ref 0006 International Conference on the Mechanism of Action of Nutraceuticals and the International Union of Basic and Clinical Pharmacology; Natural Products Section 2017 27 – 29 September 2017, Aberdeen, Scotland, UK. 2017
11. 1st National conference on emerging trends in pharmaceutical sciences October 09-11-2017
12. Participated in International workshop on *Global trends in pharmacy practice research and systematic review author training* organized by Department of Pharmacy, Quaid-e-Azam University Islamabad.
13. Participated in *19th International Pharmacy Conference & Exhibition* organized by Pakistan Pharmacist association on Role of pharmacist in Public Health.
14. Participated in Pharmaceutical exhibition and career counseling seminar on Striving for the echelon of Pharmacy Profession organized by Faculty of Pharmacy, University of Sargodha.
15. Participated in workshop on *Chemical and Pharmaceuticals Developed* by Department of Chemistry, University of Sargodha.
16. Participated in workshop on *clinical pharmacy* organized by Department of Pharmacy University of Sargodha, Sargodha
17. **Alamgeer**, Muhammad Shoaib Akhtar, Qaiser Jabeen, Valerie B. Schini-Kerth. Possible underlying antihypertensive mechanism of *Thymus linearis* Benth 1st International Symposium on *Drug Development-Natural and Synthetic 2013*. Organised by COMSATS Institute of Information Technology Abbottabad.
18. **Alamgeer**, Muhammad Naveed Mushtaq and Muhammad Nasir Hayat Malik. Evaluation of Hypoglycemic activity of *Thymus serpyllum* Linn in glucose treated mice 2nd *National Pharmacy Conference & Exhibition* "Pharmacy Profession for Prosperous Health" organized by Islamia University of Bahawalpur.
19. **Alamgeer**, Muhammad Shoaib Akhtar, Qaiser Jabeen and Sajid Bashir. Pharmacological evaluation of cardiac depressant activity of *Mentha longifolia*. *18th International Pharmacy Conference & Exhibition* organized by Pakistan Pharmacist association.
20. **Alamgeer**, P. Chabert, G. Schlotterbeck, C. Auger, C. Lugnier, H.J. Kim, M.H. Oak, V.B. Schini-Kerth. Endothelium-independent vasorelaxant effect of a *Berberis orthobotrys* root extract via inhibition of phosphodiesterases in the porcine coronary artery. *19th International Pharmacy Conference & Exhibition* organized by Pakistan Pharmacist association
21. Maqsood Ahmad, **Alamgeer**, Tanveer Sharif (2008). An abstract entitled Potential adjunct of insulin *Berberis lycium* Royle has been presented in 22nd meeting of MSPP at Malaysia.
22. Maqsood Ahmad, Muhammad Shoaib Akhtar, Alia Erum and **Alamgeer** (2009). An abstract entitled inotropic and chronotropic effects of *Berberis lycium*, Royle root bark and the isolated berberine on frog heart *in situ* has been presented in 15th international Pharmacy conferences and exhibition at Pakistan.

23. Maqsood Ahmad, ShaziaAkram, **Alamgeer**, Muhammad Sher, and Tahir Abbas (2009). An abstract entitled effect of skimmed milk on the absorption and metabolism of 5-fluorouracil (5-fu) in animals has been presented in 15th international Pharmacy conferences and exhibition at Pakistan.

Poster presented

- 1 Umme Habiba Hassan, **Alamgeer**, Muhammad Shahzad, Arham Shabbir, Shah Jahan. Amelioration of adjuvant induced arthritis in Sprague Dawley rats through modulation of inflammatory mediators by *Ribes alpestre* Decne. 3rd International Health Trigon Summit 2018. The university of Lahore. April 17-18, 2018.
- 2 Ambreen Malik Utra, **Alamgeer**, Muhammad Shahzad, Arham Shabbir, Shah Jahan. *Ephedra gerardiana* aqueous ethanolic extract and fractions attenuate Freund complete adjuvant induced arthritis in Sprague Dawley rats by downregulating PGE2, COX2, IL-1 β , IL-6, TNF- α , NF-KB and upregulating IL-4 and IL-10. 3rd International Health Trigon Summit 2018. The university of Lahore. April 17-18, 2018.
- 3 Mueen Ahmad Chaudhry, Madiha Haq, Zeeshan Masood, Sarah Rehman, Sherjeel Adnan, **Alamgeer**. *Semecarpus anacardium* L: A plant with promising antihypertensive effects. 3rd International Health Trigon Summit 2018. The university of Lahore. April 17-18, 2018.
- 4 Hira Asif, **Alamgeer**. Reappraisal of diuretic activity of *Delphinium brunonianum* Royle. Symposium on emerging trends in the extraction of bioactives for nutraceutical developments held at the Department of Chemistry University of Sargodha, Sargodha, Pakistan. 2017.
- 5 Hira Asif, **Alamgeer**. Ethnopharmacology and hypotensive effect of *Delphinium brunonianum*. 1st international conference on emerging trends in zoology held at the Department of Zoology University of Sargodha, Sargodha, Pakistan. 2017.
- 6 Hira Asif, **Alamgeer**. Reappraisal of diuretic activity of *Delphinium brunonianum* Royle. 2nd International conference on recent innovations in pharmaceutical sciences at RIPHAH institute Islamabad Pakistan. 2017.
- 7 **Alamgeer**, Muhammad Ishfaq Ahmad, Hira Asif. Therapeutic potential of *Salvia bucharica* for dyslipidemia and vascular dysfunction induced through two different pathways. 1st international conference on emerging trends in zoology held at the Department of Zoology University of Sargodha, Sargodha, Pakistan. 2017.
- 8 **Alamgeer**, Umm e habiba Hassan. Safety evaluation of acute, subacute and subchronic oral toxicity of aqueous fraction of *Ribes alpestre* Decne in experimental

- animals. 1st International conference on Future Med -2018 arranged by Sargodha Medical College Sargodha.
- 9 **Alamgeer**, Umm e habiba Hassan. Antiarthritic efficacy of *Clematis orientalis*. 1st international conference on emerging trends in zoology held at the Department of Zoology University of Sargodha, Sargodha, Pakistan. 2017.
 - 10 **Alamgeer**, Umm e habiba Hassan. Evaluation of in vivo and in vitro therapeutic efficacy of *Ribes alpestre* Decne in rheumatoid arthritis. Symposium on emerging trends in in the extraction of biactives for nutraceutical developments held at the Department of Chemistry University of Sargodha, Sargodha, Pakistan. 2017.
 - 11 Ambreen, **Alamgeer**. Toxicological evaluation of aqueous fraction of ephedra gerardiana aqueous ethanolic extract; hematological, biochemical and histopathological analysis. 1st International conference on Future Med -2018 arranged by Sargodha Medical College Sargodha.
 - 12 Ambreen, **Alamgeer**. Preliminary in vitro and in vivo evaluation of antiarthritic potential of *Ribes orientlis*. 1st international conference on emerging trends in zoology held at the Department of Zoology University of Sargodha, Sargodha, Pakistan. 2017.
 - 13 Ambreen, **Alamgeer**. Assessment of antiarthritic potential of *Ephedra gerardiana* by invitro and in vivo methods. Symposium on emerging trends in in the extraction of biactives for nutraceutical developments held at the Department of Chemistry University of Sargodha, Sargodha, Pakistan. 2017.

Research collaborations International/National

• Collaborators at International level

Currently I am working with following international/ National collaborators

- Prof. Valeri schini kerth Laboratory de Biophotonic and Pharmacology Faculty of Pharmacy University of Strasbourg France.
- Dr Richard Robert Associate professor of Pharmacology, schoole of life science University of Notingham UK
- Professor Cherry L Wainwright, Director, Centre for Cardio-metabolic Research, Co-Director, Centre for Natural Products in Health. The Robert Gordon University Sir Ian Wood Building Centre for Cardiometabolic Health and Co-Director, Centre for Natural Products in Health, Robert Gordon University.
- Prof. Naeem Akther Khan Physiologie de la Nutrition & Toxicologie, UMR U866 INSERM/Universite de Bourgogne-FrancheCompte (BFC)/ Agro-Sup, Dijon 21000, France.

- Prof Arquimedes Gasparotto Junior, PharmD, PhD Research Head Laboratory of Electrophysiology and Cardiovascular Pharmacology Federal University of Grande Dourados (UFGD) Rodovia Dourados-Itahum, km 12, P.O. Box 533, 79.804-970.

- Prof. Zhinan Mei, College of Pharmaceutical Sciences, South-Central University for Nationalities, Wuhan 430074, China.

- Prof. Dr. Sevil Albayrak Erciyes University, Science Faculty, Department of Biology, 38039 Kayseri, Turkey

- **Collaborators at National level**

- Dr. Zahid Rasul Assistant Professor Pharmacology Department of basic medical sciences Faculty of Pharmacy GoMAL University DI Khan KPK.

- Dr Abdul jabbar shah Department of Pharmacy Comsats Abbottabad KPK,

- Dr Mahjabeen Department of Pharmacology Faculty of Pharmacy Federal Urdu University Karachi.

- Professor Dr Muhammad Saleem University college of pharmacy Punjab university.

- Prof. Dr Khalid Hussain Dean University college of Pharmacy University of Punjab

Research Publications

Total publications: 94

Total Impact factor: 115.762

Sr. No	Title	Year	Impact factor
1.	Muhammad Naveed Mustaq, Sushmita Ghimire, Alamgeer , Muhammad Shoab Akhtar, Achyut Adhikari, Cyril Auger, Valérie B.Schini-Kerth. Tambulin is a major active compound of a methanolic extract of fruits of <i>Zanthoxylum armatum</i> DC causing endothelium-independent relaxations in porcine coronary artery rings via the cyclic AMP and cyclic GMP relaxing pathways. Phytomedicine 53 (2019) 163–170	2019	4.180
2.	Waqas Younis ^a , Alamgeer ^{*a} , V.B. Schini-Kerth ^b , Denise Brentan da Silva ^c and Arquimedes Gasparotto Junior ^d , Ishfaq Ali Bukhari ^e and Asaad Mohamed Assiri: Role of the NO/cGMP pathway and renin-angiotensin system in the hypotensive and diuretic effects of aqueous soluble fraction from <i>Crataegus songarica</i> K. Koch	2019	3.414
3.	Alamgeer , Umme Habiba Hasan , Ambreen Malik Uttra , Sumera	2019	4.180

	Qasim , Javeria Ikram, Muhammad Saleem and Zahid Rasul Niazi Phytochemicals targeting matrix metalloproteinases regulating tissue degradation in inflammation and rheumatoid arthritis		
4.	Ambreen Malik Uttra, Alamgeer , Muhammad Shahzad, Arham Shabbir, Shah Jahan, Ishfaq Ali Bukhari and Asaad Mohamed Assiri. <i>Ribes orientale</i> : A novel therapeutic approach targeting rheumatoid arthritis with reference to pro-inflammatory cytokines, inflammatory enzymes and anti-inflammatory cytokines. Journal of ethnopharmacology.	2019	3.414
5.	Umme Habiba Hassan, Alamgeer* , Muhammad Shahzad, Arham Shabbir, Shah Jahan, Muhammad Saleem, Ishfaq Ali Bukhari and Asaad Mohamed Assiri. Amelioration of adjuvant induced arthritis in Sprague Dawley rats through modulation of inflammatory mediators by <i>Ribes alpestre</i> Decne Journal of Ethnopharmacology 235 460–471	2019	3.414
6.	Taseer Ahmad, Taous Khan, Alamgeer & Abdul Jabbar Shah Juglone as antihypertensive agent acts through multiple vascular mechanisms	2019	1.522
7.	Hira Asif , Alamgeer , Ishfaq Ali Bukhari, Fahim Vohra, Sibtain Afzal , Sher Wali Khan and Zahid Rasul Niazi. Phytochemical analysis of crude extract of <i>Delphinium brunonianum</i> and its effect on hypertension and metabolic perturbations in fructose fed rats. Journal of natural product research	2019	1.999
8.	Alamgeer , Shanila Akhter, Ambreen Malik Uttra, Umme Habiba Hasan Alkaloids, flavonoids, polyphenols might be responsible for potent antiarthritic effect of Solanum nigrum. J Tradit Chin Med 2019 15; 39(5): 632-641.	2019	0.907
9.	Waqas Younisa, Alamgeer* , V.B. Schini-Kerthb, Arquimedes Gasparotto Juniorc, Muhammad Majidd. Cardioprotective effect of <i>Asphodelus tenuifolius</i> Cav. on blood pressure and metabolic alterations in glucose-induced metabolic syndrome rats–An ethnopharmacological approach. Journal of Ethnopharmacology 214 168–178	2018	3.414
10.	Alamgeer , C. Auger, P. Chabert, C. Lugnier, M.N. Mushtaq, V.B. Schini-Kerth Mechanisms underlying vasorelaxation induced in the porcine coronary arteries by <i>Thymus linearis</i> , Benth. Journal of Ethnopharmacology 225 (2018) 211–219.	2018	3.414
11.	Ambreen Malik Uttra, Alamgeer* , Muhammad Shahzad, Arham Shabbir, Shah Jahan . Ephedra gerardiana aqueous ethanolic extract and fractions attenuate Freund Complete Adjuvant induced arthritis in Sprague Dawley rats by downregulating PGE2, COX2, IL-1 β , IL-6, TNF- α , NF-kB and upregulating IL-4 and IL-10. Journal of	2018	3.414

	Ethnopharmacology 224 (2018) 482–496		
12.	Umme Habiba Hassan, Alamgeer , Muhammad Shahzad, Shah Jahan, Zahid Rasul Niazi, Ishfaq Ali Bukhari and Asaad Mohamed Assiri, and Hamayun Riaz . Inhibitory effects of <i>Clematis orientalis</i> aqueous ethanol extract and fractions on inflammatory markers in complete Freund's adjuvant induced arthritis in Sprague Dawley rats. <i>Inflammopharmacology</i>	2018	3.883
13.	Alamgeer , Waqas Younis, Hira Asif, Amber Sharif, Humayun Riaz, Ishfaq Bukhari, Asaad Mohamed Assiri, Traditional Medicinal plants used for Respiratory Disorders in Pakistan: A Review of the Ethno-medicinal and Pharmacological evidence. <i>Chinese medicine</i> 13;48 (2018) 1-29.	2018	2.265
14.	Alamgeer , Amber Sharif · Hira Asif, Waqas younis, Humayun Riaz, Ishfaq Ali Bukhari and Asaad Mohamed Assiri. Indigenous medicinal plants of Pakistan used to treat skin diseases: A Review <i>Chinese medicine</i> . 2018; 13:52;2-26	2018	2.265
15.	Muhammad Furqan Akhter, Ammara Saleem, Alamgeer and Muhammad Saleem. A Comprehensive review on Ethnomedicinal, Pharmacological and Phytochemical Basis of Anticancer Medicinal Plants of Pakistan. <i>Current Drug cancer targets</i> , 2018	2018	2.626
16.	Alamgeer , Ambreen Malik Utra, Haseeb Ahsan, UmmeHabiba Hasan and Mueen Ahmad Chaudhary Ethno-medicinal knowledge of plants used for inflammatory disorders in Pakistan: A Review. <i>Journal of traditional chine medicine</i> . 38(4): 636-656	2018	0.991
17.	Alamgeer , Qurat ul Ain, Umme Habiba Hasan and Hira Asif .Antithrombotic activity of <i>Mentha longifolia</i> in animal model. <i>Bangladesh J Pharmacol</i> 2018; 13: 67-73.	2018	0.815
18.	Umme Habiba Hasan, Alamgeer , Antiarthritic efficacy of <i>Clematis orientalis</i> Linn. <i>Bangladesh J Pharmacol</i> . <i>Bangladesh J Pharmacol</i> 2018; 13: 142-148	2018	0.815
19.	Alamgeer , Mahpara Tarar, Umme Habiba Hasan and Muhammad Saleem . Evaluation of anticoagulant and thrombolytic activity of <i>Berberis orthobotrys</i> in animal model. <i>Bangladesh J Pharmacol</i> 2018; 13: 196-202	2018	0.815
20.	Umme Habiba Hassan and . Evaluation of <i>in-vitro</i> and <i>in-vivo</i> therapeutic efficacy of <i>Ribes alpestre</i> Decne in Rheumatoid arthritis. <i>Brazilian journal of Pharmaceutical science</i> (Accepted for publication).	2018	0.483
21.	Muhammad Asif, Mohammad Saleem, Sobia Yousaf, Memoona Zafar, Rizwan Ullah Khan, Alamgeer . Antidiabetic activity of aqueous extract of <i>Sigesbeckia orientalis</i> (St. Paul's Wort) in alloxan-induced diabetes model. <i>Brazilian journal of Pharmaceutical science</i> (Accepted for publication).	2018	0.483
22.	Alamgeer , Pernia Nasreen ,Ambreen Malik Utra, Waqas Younis, Hira Asif, Umme Habiba Hasan and Amber Sharif. Evaluation of	2018	0.804

	anti-inflammatory and analgesic activities of aqueous methanolic extract of <i>Ranunculus muricatus</i> in albino mice. Pakistan journal of Pharmaceutical sciences. (Accepted for publication)		
23.	Alamgeer , Shifa Iman, Hira Asif & Muhammad Saleem (2017) Evaluation of antihypertensive potential of <i>Ficus carica</i> fruit, <i>Pharmaceutical Biology</i> , 55:1, 1047-1053.	2017	1.918
24.	Sajida Parveen, Nadeem Irfan Bukhari, Naureen Shehzadi, Shaista Qamar, Ejaz Ali, Surriya Naheed, Abida Latif, Alamgeer Yuchi & Khalid Hussain Chemical and pharmacological comparison of modern and traditional dosage forms of Joshanda. <i>Natural Product Research</i> .	2017	1.928
25.	Alamgeer , Cyril Auger, P. Chabert, C. Lugnier, V.B. Schini-Kerth. Endothelium-independent vasorelaxant effect of <i>Thymus linearis</i> via inhibition of phosphodiesterases in porcine coronary artery. <i>Biochemical Pharmacology</i> . Vol.139-pp120.	2017	4.825
26.	Ikram Ullah Khan, Rizwan Ullah Khan, Hira Asif, Alamgeer , Syed Haroon Khalid, Saji Asghar, Mohammad Saleem, Kifayat Ullah Shah, Shefat Ullah Shah, Syed A.A. Rizvi, Yasser Shahzad. Codelivery strategies to overcome multidrug resistance in ovarian cancer. <i>International Journal of Pharmaceutics</i> 533 (2017) 111–124	2017	4.213
27.	Alamgeer , Ambreen Malik Uttra, Umme Habiba Hasan (2017). Anti-arthritis activity of aqueous-methanolic extract and various fractions of <i>Berberis orthobotrys</i> Bien ex Aitch <i>BMC complementary and alternative medicine</i> 17:371	2017	2.479
28.	Alamgeer , Samia Gul Niazi, Ambreen Malik Uttra, Muhammad Naeem Qaiser & Haseeb Ahsan (2017). Appraisal of anti-arthritis and nephroprotective potential of <i>Cuscuta reflexa</i> . <i>Pharmaceutical Biology</i> , 55:1, 792-798.	2017	1.918
29.	Alamgeer , Muhammad Naveed Mushtaq. Effect of aqueous extract of <i>Thymus serpyllum</i> on lipid profile and some liver enzymes in alloxan-induced diabetic rabbit. <i>Bangladesh J Pharmacol</i> . 2017;12: 58-62.	2017	0.815
30.	Alamgeer , Rahila Qayum, Hira Asif. (2017). Effect of crude extract of <i>Grewia asiatica</i> L. on lipid profile and coagulation parameters of rats and mice. <i>Indian Journal Of Traditional Knowledge</i> . 2017; 16 (2): 216-220	2017	1.273
31.	Zaman Hayat ¹ , Mueen Ahmad Chaudhry and Alamgeer . Ulcerene: a promising poly-herbal preparation for peptic ulcer. (2017). <i>Bangladesh journal of Pharmacology</i> . <i>Bangladesh J Pharmacol</i> 2017; 12: 119-124	2017	0.815
32.	Nusrat Shaheen, Muhammad Uzair, Bashir Ahmad Ch and Alamgeer . (2017). <i>In vitro</i> cytotoxicity of <i>Sanchezia speciosa</i> extracts on human epithelial cervical cancer (hela) cell line. <i>Acta poloniae pharmaceutica ñ drug research</i> , 74(5):1389-1394.	2017	0.877
33.	Alamgeer , Khadija, Zain Nasir, Muhammad Naeem Qaisar, Ambreen Malik Uttra, Kifayat Ullah Khan, Ikram Ullah Khan, Muhammad Saleem, Haseeb Ahsan, Hira Asif, Amber Sharif, Waqas Younis and	2017	0.877

	Huma Naz. (2017). Evaluation of hepatoprotective potential of <i>Euphorbia prostrata</i> Ait extract against chemically induced hepatotoxicity in albino mice. <i>ActaPoloniaePharmaceutica ñ Drug Research</i> , 74(5):1477-1483.		
34.	Sajid Nawaz Hussain, Bashir Ahmad Chaudhary, Muhammad Uzair, Muhammad Naeem Qaisar and Alamgeer . (2017). Enzyme Inhibitory Properties, Antioxidant Activities and Phytochemical Profile of <i>Cassia Sophera</i> Linn. (Caesalpiniaceae). <i>Acta Poloniae Pharmaceutica n Drug Research</i> , 74(4):1151-1157	2017	0.877
35.	Alamgeer , Zain Nasir, Muhammad Naeem Qaisar, Ambreen Malik Uttra, Haeeb Ahsan, KifayatUllah Khan, IkranUllah Khan, Muhammad Saleem, Khadija, Hira Asif, Amber Sharif, WaqasYounis, Huma Naz. (2017). Evaluation of Hepatoprotectiv activity of <i>Melilotus officinalis</i> Linn against Paracetamol and carbon tetrachloride induced hepatic injury in mice. <i>Acta Poloniae Pharmaceutica – Drug Research. Acta Poloniae Pharmaceutica ñ Drug Research</i> , 74(3):903-909.	2017	0.877
36.	Alamgeer* , Ambreen Malik Uttra. Assessment of anti-arthritic potential of <i>Ephedra gerardiana</i> by in vitro and in vivo methods. <i>Bangladesh J Pharmacol</i> 2017; 12: 403-409.	2017	0.671
37.	Asifa S, Mueen A, Madiha H, Alamgeer and Safur RM. Pharmacological Evaluation of Antispasmodic and Bronchodilator Effects of <i>Spinacia oleraceae</i> L. <i>American Journal of Phytomedicine and Clinical Therapeutic</i> 5. 2: 13	2017	-
38.	Muhammad Fiaz, NaghmaFiaz, Lubna Shakir1, Alamgeer , Waseem Mehmood, Ghulam Mustafa, Abdul Rauf, Komal Najam. (2017). Hepatoprotective effect of a polyherbal formulation and ascorbic acid in paracetamol induced hepatic damage in rabbits. <i>Biomed Res Ther</i> ; 4(4):1261-1277	2017	-
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89.	Maqsood Ahmad, Alamgeer , Tanveer Saharif and Atif Akbar (2009). Effect of <i>Berebris lycium</i> on lipid profile in alloxanized rabbits. Ethnobotanical Leaflets. 13:702-08.	2009	
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	of Aqueous Methanol extract of <i>Albizzia lebbek</i> Benth seeds on various biochemical parameters in alloxan-induced diabetic rabbits Pharmacologyonline. 1:134-143.		
92.	MuhammadShoaib Akhtar, Muhammad Amin, Maqsood Ahmad and Alamgeer . (2009). Hepatoprotective effect of <i>Rheum emodi</i> roots (revandchini) and akseer-e-jigar against paracetamol-induced hepatotoxicity in rats. Ethobotanical leaflet. 13:310-315.	2009	
93.	Maqsood Ahmad, Alamgeer , Tanveer sharif, Zabta Chaudryand Bashir Ahamd (2008). Hepatocurative effect of <i>Berberis lycium</i> Royle in pracetamol toxic rabbits. Gomal University Journal of Research. 24:24-28.	2008	
94.	Maqsood Ahmad, Tanveer Sharif, Abrar Ahmed Javed, Muhammad Zabta, Baqa Jeelani and Alamgeer (2008). Bioavailability study of oral 5-fluorouracil in colorectal cancer patients. Pharmacologyonline.3:100-109.	2008	Scopus

PhD Students Supervised/Under supervision

Sr No	Name of Student	Tittle	Year
1	Muhammad Naveed Mushtaq	Pharmacological studies on cardiovascular effects of selected medicinal plants: activity-guided fractionation and elucidation of mechanism of action	2016
2.	Waqas Younis	Evaluation of cardiovascular effects of <i>Cratageus ongarica</i> and <i>Asphodelus tenuifolius</i> : activity guided fractionation and investigation of mechanism of action	2019
3	Amber Sharif	Evaluation of <i>Accacia jacquemontii</i> and <i>Ranunculus scaleratus</i> for therapeutic efficiency in hypertension	2019
4	Umm e Habiba Hasan	Assessment of antiarthritic potential,safety profile and	2019

		phytochemicals of <i>Clematis orientalis</i> and <i>Ribes alpestre</i> .	
5	Ambreen Malik Uttra	Pharmacological basis for the use of <i>Ephedra gerardiana</i> and <i>Ribes orientale</i> in rheumatoid arthritis: evaluation of toxicological and phytochemical profile	2019
6.	Hira Asif	Pharmacological basis for use of <i>Delphinium brunonianum</i> and <i>Bergenia strachey</i> in hypertension	2019
7.	Sumeera Qasim	Repurposing of Drugs for identification and evaluation of new anti arthritic compounds by using in silico, invitro and in vivo approaches	Thesis under evaluation
8.	Mueen Ahmad Ch	Antihypertensive, Phytochemical and toxicity profile of analysis of <i>Ipomoea hederacea</i> Jacques and <i>Morus nigra</i>	Thesis under evaluation
9.	Nabeela Noor	Investigation of cardiovascular benefits of some isolated phytochemicals through dry and wet lab approaches	To date
10.	Madiha Aziz	Appraisal of antihypertensive potential of <i>teucrium stocksianum</i> and its selected phytochemicals; elucidation of possible underlying mechanism	To date
11.	Javeeria ikram	Pharmacological investigation of anti arthritic potential of some indigenous medicinal plants of Pakistan,	To date
9	Huma Naz	Pharmacological evaluation of <i>Melilotus indicus</i> (L) All for cardiovascular diseases	To date
10	Muhammad Shafeeq Ur Rahman	The Pharmacological basis for the medicinal use of <i>Cydonia oblonga</i> M in hypertension	To date
11	Amina Batool	Pharmacological evaluation of antihypertensive activity of <i>Sorghum Halepense</i> and <i>Polygonum hydropiper</i> elucidation of possible underlying mechanisms	To date

Mphil Students Supervised

Sr No	Name of Student	Title	Year
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1	Zeeshan Jabbar	Preclinical appraisalment of Gabapentin and Venlafaxine as anti arthritic drugs	2018
2	Luqman Akram	Assessment of anti obesity and lipid taste modulating potential of some indigenous medicinal plants of Pakistan	2018
3	Muavia Sarwar	Pharmacological exploration of anti arthritic potential of Sodium valproate and Terbutaline through in-vivo and in-vitro experimental models	2018
4	Aneela Aslam	Evaluation of Anti inflammatory, Analgesic & Antipyretic Activities of Synthetic Barbituric Acid derivatives in Animal Models	2018
5	Muhammad Sajjad Hassan	Assessment of pharmacological potential of Ranitidine against chemically induced arthritis	2018
6	Sehrish Shareef	Hypotensive and diuretic potential of Sorghum bicolor; elucidation of underlying mechanisms	2018
7	Shoaib Nawaz	Evaluation of in-vivo and in-vitro anti arthritic activity of Terbinafine and Yohimbine	2018
8	Muhammad Iqbal	Pharmacological screening of anti-inflammatory, analgesic and anti-pyretic potential of Clematis orientalis and Ephedra gerardiana	2018
9	Urooj Iqbal	Evaluation of diuretic potential of hydro-alcoholic extract of Brassica napus	2018
10		Evaluation of Anti inflammatory, Analgesic and Antipyretic effects of Ribes alpestre Decne and Ribes orientale	2018
11	Urooj Fatima	Experimental evaluation of nephroprotective potential of <i>Aitchisonia rosea</i> Hemsel ex aitch against chemically induced nephrotoxicity in Sprague Dawley rats	2017
12	Mohsin Shafeeq	Wound healing potential of aqueous methanolic extract and fractions of <i>Berberis orthobotrys</i> Bien Ex Aitch in animal models	2017
13	Erum Fatima	Evaluation of hypotensive mechanisms and metabolic effects of <i>Ficus carica</i> in fructose induced hypertensive rats	2017
14	Muhammad Ishfaq Ahmad	Therapeutic potential of <i>Salvia bucharica</i> for dyslipidemia nad vascular dysfunction induced through multiple pathways	2017
15	Shehlaa saeed	nephroprotective effect of <i>Berberis orthobotrys</i> Bien ex Aitch aqueous methanolic extract and various fractions against chemically induced nephrotoxicity in rat models.	2017

16	Syeda Amna Batool	Elucidation of hypotensive mechanisms and metabolic effects of <i>Berberis orthobotrys</i> in fructose hypertensive rats	2017
17	Nabila iqbal	Prevalance and non opertaive managment of cervical spondylosis among patients of faisalabad Pakistan	2017
18	Rizwan hafeez	Evaluation of antidiabetic potential of essential oil and aqueous ethanolic extract of <i>Juniperus excelsa</i>	2017
19	Tayaba qanwal	Hypolipidemic and vasoprotective potential of <i>Carulluma edulis</i> ; a histological and biochemical study	2017
20	FarwaMohsin	In-vitro and in-vivo evaluation of anti-arthritic potential of <i>Aegla oarmelos Corr.</i> Leaves extract.	2016
21	Shanila Akhter	evaluation of anti-arthritic activity of aqueous methanolic extract of <i>Solanum nigrum</i> Linn. In animal models.	2016
22	Nabeela Noor	Pharmacological evaluation of cardioprotective potential of <i>Berberis orthobotrys</i> Bien ex Aitch against isoproterenol and Doxorubicin induced myocardial injury.	2016
23	Laiba Arshad	Pharmacological evaluation of cardioprotective potential <i>Thymus linearis</i> Benth against myocardial ischemia in animal models.	2016
24	Marva Sandhu	Evaluation of anti-diarrheal activity of <i>Berberis orthobotrys</i> Bien ex Aitch root extract in experimental animal models.	2016
25	Roheena Sohail	In-vitro and in-vivo evaluation of anti-ulcerogenic activity of <i>Albizia procera (Roxb) Benth</i> in rabbits.	2016
26	TayyabaAkram	Protective effect of <i>Fagonia cretica L.</i> Against indomethacin induces gastric ulcer in rabbit.	2016
27	Muhammad Zeeshan Ahmad Sandhu	Evaluation of antihypertensive potential of <i>Malva neglecta Wallr.</i> in hypertensive rats.	2016
28	Ali Imran Abid	Pharmacological evaluation of anti-diabetic effect of some indigenous medicinal plants.	2016
29	Khadija	Evaluation of hepatoprotective potential of <i>Euphorbia prostrata (L)</i> against chemically induced hepatotoxicity in albino mice.	2016
30	Zain Nisar	Evaluation of hepatoprotective activity of <i>Melilotus officinalis (L.)</i> against Paracetamol and Carbon tetrachloride induced hepatic injury in animal models.	2016
31	SohailShoukat Hayat	Pharmacological evaluation of diuretic activity of some indigenous medicinal plants.	2016

32	Hira asif	Investigation of anticoagulant and thrombolytic potential of <i>Berberis calliobotrys</i> Bienert ex Aitch: A preliminary novel finding	2015
33	Syeda Sehrish Gillani	Beneficial effects of <i>Mentha longifolia</i> Linn on experimentally-induced gastric ulcer	2015
34	Hira hassan	Evaluation of ethnobotanical claim of the <i>Tetraena simplex</i> (L.) Beier & Thulin against cardiac diseases	2015
35	Umme Habiba Hasan	Determination of in-vitro and in-vivo anti-arthritis efficacy of <i>Berberis calliobotrys</i> Bienert ex Aitch	2015
36	Ambreen Malik Uttra	Anti-arthritis activity of aqueous-methanolic extract and various fractions of <i>Berberis orthobotrys</i> Bien ex Aitch	2015
37	Waqas younis	Evaluation of cardiovascular effects of aqueous methanolic extract of <i>Caralluma edulis</i> Benth in animal models.	2015
38	Mapara Ashraf	Evaluation of anticoagulant and thrombolytic activity of <i>Berberis orthobotrys</i> Bien ex Aitch in Animal models	2015
39	Qurat-ul-Ain	Evaluation of <i>Mentha longifolia</i> Linn. for its selected Pharmacological activities	2015
40	Samia Gul Niazi	Evaluation of selected Pharmacological activities of <i>Cuscuta reflexa</i> Rox	2015
41	Sana Raza	Pharmacological evaluation of telmisartan analogues on blood pressure in animal models.	2014
42	Amna Batool	Evaluation of cardiac effects of some telmisartan analogues in animal model.	2014
43	Bushra Shaukat	Evaluation of cardiovascular effects of selected analogues of telmisartan.	2014
44	Gohar Rehman	A study of associated risk factors of most common diseases in district Sialkot (Punjab).	2014
45	Shifa Iman	Evaluation of cardioinhibitory and antihypertensive activities of <i>Ficus carica</i> Linn fruit.	2014
46	Sonia Imtiaz	Pharmacological evaluation of cardiovascular effects of <i>Ficus religiosa</i> L in experimental models	2014
47	Syeda Sadaf Zahra	Study of associated risk factors of most prevalent diseases in tahseel Bhalwal, District Sargodha	2014
48	Mamona Waheed	Evaluation of analgesic, anti-inflammatory and anti-pyretic activities of selective flurbiprofen derivatives in albino mice	2014

49	Sahar Abdullah	Comparative evaluation of analgesic, anti-inflammatory and antipyretic activities of some newly synthesized flurbiprofen derivatives with flurbiprofen.	2014
50	Huma Aamir	Cardiovascular effects of an aqueous methanolic extract of <i>Carissa opaca</i> Stapf ex Haines leaves in some mammalian experimental animal models.	2013
51	Haseeb Ahsan	Determination of analgesic anti-inflammatory and antipyretic activity of synthetic Dexibuprofen derivatives in albino mice.	2013
52	Fatima Imran	Determination of cardiovascular potential of <i>Tribulus longipetalus</i> Viv in Langendorff-perfused rabbit heart.	2013
53	Aqsa Ghaffar	Determination of antihyperlipidemic effect of <i>Berberis orthobotrys</i> Bien ex Aitch in hyperlipidemic rats.	2013
54	Huma Naz	Determination of hepatoprotective analgesic and anti-inflammatory effect of <i>Berberis calliobotrys</i> in mice.	2013
55	Taseer Ahmad	Evaluation of cardiovascular effects of aqueous methanolic extract <i>Caralluma tuberculata</i> N.E.Br in animal models	2013
56	Zeeshan Akbar	Determination of hepatoprotective, analgesic and anti-inflammatory effect of <i>Berberis orthobotrys</i> Bien ex Aitech in mice.	2013
57	Suneela Akhtar	Pharmacological evaluation of cardiovascular activities of <i>Rumex dentatus</i> in experimental models.	2013
58	Muhammad Wasim Khan	Comparative evaluation of analgesic anti-inflammatory effects of synthetic derivatives of organoantimony (V) ferrocenyl benzoate with piroxicam.	2013
59	RahilaQayyum	Investigation of selected cardiovascular activities of <i>Grewia asiatica</i> Linn fruit.	2012
60	Fouzia Latif	Determination of Pharmacological effects of some indigenous medicinal plants on angiogenesis using chorioallantoic membrane (CAM) assay.	2012
61	NaziaTabassum	Evaluation of Pharmacological effects of selected medicinal plant extracts on angiogenesis using chorioallantoic membrane (CAM) assay.	2012
62	Mehwish Nawaz	Evaluation of antioxidant and hepatoprotective effects of <i>Thymus liniaris</i> Benth.	2012
63	AsmaBatoool	Pharmacological evaluation of antioxidant and hepatoprotective activities of <i>Citrus aurentifolia</i> Linn fruit.	2012

64	PerniaNasreen	Pharmacological evaluation of analgesic, anti-inflammatory, and hepatoprotective activities of <i>Ranunculus muricatus</i> in mice.	2012
65	Umme Salma	Investigation of Cardiovascular Activities of <i>Morus nigra</i> . Linn. Fruit.	2011
66	Muhammad Rashid	Evaluation of Antidiabetic Activity of <i>Teucrium stocksianum</i> , Boiss.	2011
67	Muhammad Nasir Hayat Malik	Pharmacological Evaluation of Cardiovascular Effects of <i>Paspalidium plavidum</i> . Linn.	2011
68	Sumera Saeed Akhtar	Evaluation of Cardiovascular Effects of <i>Citrus aurantifolia</i> . Linn Fruit.	2011
69	Muhammad Naveed Mushtaq	Evaluation of Hypoglycemic Activity of <i>Thymus serpyllum</i> . Linn in Normal and Alloxan Induced Diabetic Rabbits	2011
70	Muhammad Numan	Effect of Compound Herbal Drug (Diabectbal) on Blood glucose and Lipid Profile in Normal and Alloxan Induced Diabetic Rabbits.	2011
71	Abdul Qayyum	Pharmacological Investigation of Some Cardiovascular Activities of Two Indigenous Plants in Animal Models.	2011
72	UzmaMazhar	Pharmacological evaluation of Analgesic, Anti-inflammatory and Antipyretic activities of <i>Thymus serpyllum</i> Linn.	2011