

CV

Muhammad Kifayatullah

HCE Approved supervisor

(Pharm-D, M.Phil., Ph.D.)



CONTACT INFORMATION

Current Position: Professor/Principal, Swat College of Pharmaceutical Sciences, KP, Pakistan

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Professional Summary

- A Researcher and Educator in the field of pharmacy practice, pharmaceutical sciences, and healthcare management having more than 15 years of experience in teaching Pharm D undergraduate and postgraduate courses of Pharmacology, Clinical Pharmacy, Pharmaceutical Care, Drug Development, and Public Health.
- Professionally experienced in designing curriculum for both undergraduate and postgraduate programs, supervising students research and incorporating advanced subjects such as the impact of AI on personalized medicine prescriptions and evidence-based practices within pharmacy education.
- HEC approved Supervisor and supervising undergraduate clinical research projects as well as master's and PhD dissertations of the pharmacy discipline.
- Extensive experience in academic administration, committee work, accreditation procedures, and partnerships in teaching with industry and hospitals.

Research Interests

Pharmaceutical advancements, management of medication therapies, transformation of healthcare systems, implementation of digital health technologies within pharmacy practice, sustainability in pharmaceuticals, circular supply chains in the pharmaceutical sector and the development of sustainable healthcare.

Professional Experience

1. Professor/Principal

Swat College of Pharmaceutical Sciences, Swat

| November 2024 – Present

Professor, Pharmacology and Therapeutics

- Development of the curriculum and coordination of the course for the Pharmacology and Therapeutics module including the design of learning outcomes, assessment strategies.
- Supervising teaching and learning activities.
- Ensure that the curriculum meet the standards set by Pharmacy Council of Pakistan (PCP) and the Higher Education Commission of Pakistan (HEC).

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2. Associate Professor

Department of Pharmacy, Sarhad University, Peshawar, Pakistan

| Feb 2023 – Nov 2024

Associate Professor, Pharmacology and Therapeutics

Development of the curriculum and coordination of the course for the Pharmacology and Therapeutics module

- **Member of Academic Board (Faculty of Pharmacy):** Contributed in the development of academic policies, evaluation of curriculum, accreditation processes and the strategic planning efforts to ensure compliance with national standards for pharmacy education.
- **Member, Faculty Board:** Participated in in faculty-level decision-making concerning academic programs, research development, quality assurance, and student progression issues.
- **Member, Master's and PhD Graduate Studies Committee (GSC):** Managed postgraduate admissions, evaluated research proposals, monitored progress, conducted thesis examinations, and ensured compliance with graduate research regulations in pharmaceutical sciences.
- **Quality Enhancement Cell (QEC) Focal Person:** Coordinated program reviews, self-assessment reports, accreditation documentation, and continuous quality improvement initiatives in pharmacy education.
- **Viva Committee Member (Undergraduate and PhD Programs):** Served as an internal examiner for undergraduate project defenses and doctoral thesis viva examinations in fields such as pharmacology, clinical pharmacy, and pharmaceutical research.

3. Assistant Professor

Department of Pharmacy, Sarhad University, Peshawar, Pakistan

| July 2017 –Feb 2023

Assistant Professor, Pharmacology and Therapeutics

- Development of the curriculum and coordination of the course for the Pharmacology and Therapeutics module for Master and PhD program.
- **Supervision of Undergraduate and Postgraduate Research Projects:** Supervised Pharm.D, MPhil, and PhD research projects. Guided students in research design, ethical approval processes, data collection and analysis, scientific writing, and publication in peer-reviewed journals.
- **Curriculum Design for Master's and PhD Pharmacy Programs:** Led the development and revision of postgraduate curricula in alignment with national accreditation standards and international benchmarks. Designed advanced coursework in clinical therapeutics, advanced pharmacokinetics, research methodology, biostatistics, pharmaceutical innovation, and evidence-based practice.

4. Teaching Assistant

Faulty of Pharmacy, Lincoln University College, Malaysia

Jan 2014 – April 2017

Teaching Assistant, Faculty of Pharmacy

- Assisted in delivering undergraduate courses.
- Conducted tutorials, laboratory demonstrations, and case-based discussion session.
- Assisted in preparing teaching materials, assessment tools, quizzes, and examination papers.
- Participated in laboratory supervision, practical assessments, and OSCE coordination.
- Conducted Doctoral Research (PhD in Pharmacy / Pharmaceutical Sciences) focusing on pharmacovigilance and pharmacological activities.
- Engaged in publication, conference presentations, and interdisciplinary research collaboration.

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5. Lecturer

Liaquat Institute of Nursing and Allied Health Sciences, Pakistan
Designed and updated course content in the field of Pharmacology.

| Aug 2009- May 2012

6. Quality Assurance Inspector

Bryon Pharmaceutical Peshawar, Pakistan

| Jan 2009- Aug 2009

- Check that production activities follow **Standard Operating Procedures (SOPs)**.
- Ensure compliance with **Good Manufacturing Practice (GMP)** guidelines.
- Monitor cleanliness, equipment calibration, and environmental conditions in production areas
Inspect incoming raw materials before use in production.
- Check packaging materials and labeling
- Verify that finished products meet quality specification

Teaching Highlights

- **Courses taught:** CNS Pharmacology, System Pharmacology, Pharmacology and Toxicology, Experimental Pharmacology, Evidenced Based Medicines, Pharmacotherapy I and II, Research Methods in Pharmacy, Physiology, Clinical Pharmacy I and II.
- **Supervision:** UG and PG dissertations at Sarhad University Peshawar Pakistan, and Lincoln University College, Malaysia.
- **Curriculum Development:** Designed and developed PhD pharmacology courses.

EDUCATIONAL CAREER

Ph.D. in Pharmacy Specialized in Pharmacology

January 2014- Feb 2017

1st Division,
Lincoln University College, Malaysia Pakistan

Ph.D. Thesis: Antidiabetic and anti-hyperlipidemic activity of compounds isolated from *P. glaucus* and possible mechanism in Animal model

Masters of Philosophy in Pharmacology (M.Phil.)

Oct 2010- Dec 2012

1st Division,
Riphah International University,
Islamabad Pakistan

M.Phil. Thesis: Analgesic, anti-pyretic and anti-inflammatory activity of natural product in animal model

Doctor of Pharmacy (PharmD)

2003-2008

1st Division,
Gomal University Dera Ismail Khan, KPK Pakistan

Registration with professional Bodies

Pharmacy Council of Pakistan (PCP) Registration Number: 1566-A/2010, PC, NWFP

Supervised Dissertations

Shaheen (2022) Isolation and Characterization of Steroidal Alkaloids from *Sarcococca Saligna*, Their Antinociceptive, Anti-Inflammatory, and Gastroprotective Effect in Animal's Model"

Khyber Bibi (2022) Magnitude of Bacterial Vaginosis in Non-Pregnant Outpatient Women Presenting Vaginal Discharge in Police Service Hospital Peshawar, Khyber Pakhtunkhwa, Pakistan

Muhammad Waqas (2026) Study the Effect of Tiopronin Against Vincristine Induced Peripheral Neuropathic Pain in Animal model.

Faisal Hayat (2022) Study the Pharmacotherapeutics Management of Ischemic Stroke at Lady Reading Hospital Peshawar etc

PUBLICATIONS

1. Shah NZ, Avula SK, Karim N, **Kifayatullah M**, Khan I, Azeem S, Abdelhalim A, Abdellattif MH, Elnibras M, Abdalla AA, Khan A. Microwave synthesis of new naproxen analogues for chronic inflammation and their gastro-protective effect in post-operative model. Scientific Reports. 2026 Jan 5. (**Impact factors 3.9**)
2. Muhammad Kifayatullah, Shaheen, Sadaf Wadood, Nisar Zamin Shah, Naeem Ullah Jan, Sobia Ahsan Halim, Najeeb Ur Rehman, Abdelwahab H Hussien, Mesaik M. Ahmed, Ajmal Khan, Ahmed Al Harrasi. Isolation and Characterization of Steroidal Alkaloids from *Sarcococca Saligna*, Their Antinociceptive, Anti-Inflammatory, and Gastroprotective Effect in Animal's Model. Chemistry Select. (2025) Apr;10(13): e202404600. (**Impact factors 1.9**)
3. Muhammad Kifayatullah, Sudhair Abbas, Sadaf Wadood, Kamran Ahmad Chishti, Irnum Ambreen, Nisar Zamin Shah, Haroon Badshah. "Synthesis and Biological Evaluation of Nicotinic acid Derivatives as Antihyperlipidemic Potential in Animal Model" Journal of Research in Pharmacy. 2026; 30(1): 12 25. (**Impact factors 0. 9**).
4. Sadia Azeem, Nasiara Karim, Sadaf Wadood, Nisar Zamin Shah Muhammad Kifayatullah, Sudhair Abbas, Ajmal Khan, Peer Abdul Hannan. Synthesis, Computational Analysis and In- vitro anti- inflammatory activities of Naproxen Derivatives by Lipoxygenase and Cyclooxygenase Inhibitory Pathway. J Res Pharm. 2026; 30(1): 49 60 (**Impact factors 0. 9**).
5. Nisar Zamin Shah, Ajmal Khan, Imran Khan, Nasiara Karim, Muhammad Kifayatullah, Asaad Khalid, Hassan A. Alhazmi, Ashraf N. Abdalla, Hamdy Kashtoh & Ahmed Al-Harrasi (31 Jan 2024): Efficient microwave synthesis of flurbiprofen derivatives and their enhancement of efficacy in chronic inflammatory pain models and gastro-protective potential in post-operative model, Journal of Biomolecular Structure and Dynamics, (2024) **Impact factors 3.2**)
6. Khyber Bibi, Mehreen Nisar, Sadaf Wadood, Muhammad Kifayatullah, Sadia Nasir, Maria Kamran, Nafila Shakeeb. Magnitude of Bacterial Vaginosis in Non-Pregnant Outpatient Women Presenting Vaginal Discharge in Police Service Hospital Peshawar, Khyber Pakhtunkhwa, Pakistan. Ethiopian Journal of Health Development. 2023; 37(2), 1-10. Shah NZ, Avula SK, Karim N, **Kifayatullah M**, Khan I, Azeem S, Abdelhalim A, Abdellattif MH, Elnibras M, Abdalla AA, Khan A. Microwave synthesis of new naproxen analogues for chronic inflammation and their gastro-protective effect in post-operative model. Scientific Reports. 2026 Jan 5. (**Impact factors 3.9**)
7. Muhammad Kifayatullah, Shaheen, Sadaf Wadood, Nisar Zamin Shah, Naeem Ullah Jan, Sobia Ahsan Halim, Najeeb Ur Rehman, Abdelwahab H Hussien, Mesaik M. Ahmed, Ajmal Khan, Ahmed Al Harrasi. Isolation and Characterization of Steroidal Alkaloids from *Sarcococca Saligna*, Their Antinociceptive, Anti-Inflammatory, and Gastroprotective

- Effect in Animal's Model. Chemistry Select. (2025) Apr;10(13): e202404600. (**Impact factors 1.9**)
8. Muhammad Kifayatullah, Sudhair Abbas, Sadaf Wadood, Kamran Ahmad Chishti, Irnum Ambreen, Nisar Zamin Shah, Haroon Badshah. "Synthesis and Biological Evaluation of Nicotinic acid Derivatives as Antihyperlipidemic Potential in Animal Model" Journal of Research in Pharmacy. 2026; 30(1): 12-25. (**Impact factors 0.9**).
 9. Sadia Azeem, Nasiara Karim, Sadaf Wadood, Nisar Zamin Shah Muhammad Kifayatullah, Sudhair Abbas, Ajmal Khan, Peer Abdul Hannan. Synthesis, Computational Analysis and In- vitro anti- inflammatory activities of Naproxen Derivatives by Lipoxygenase and Cyclooxygenase Inhibitory Pathway. J Res Pharm. 2026; 30(1): 49-60 (**Impact factors 0.9**).
 10. Nisar Zamin Shah, Ajmal Khan, Imran Khan, Nasiara Karim, Muhammad Kifayatullah, Asaad Khalid, Hassan A. Alhazmi, Ashraf N. Abdalla, Hamdy Kashtoh & Ahmed Al-Harrasi (31 Jan 2024): Efficient microwave synthesis of flurbiprofen derivatives and their enhancement of efficacy in chronic inflammatory pain models and gastro-protective potential in post-operative model, Journal of Biomolecular Structure and Dynamics, (2024) **Impact factors 3.2**
 11. Khyber Bibi, Mehreen Nisar, Sadaf Wadood, Muhammad Kifayatullah, Sadia Nasir, Maria Kamran, Nafila Shakeeb. Magnitude of Bacterial Vaginosis in Non-Pregnant Outpatient Women Presenting Vaginal Discharge in Police Service Hospital Peshawar, Khyber Pakhtunkhwa, Pakistan. Ethiopian Journal of Health Development. 2023; 37(2), 1-9. (**Impact factors 0.625**)
 12. Naeem Ullah Jan, Muhammad Kifayatullah, Fazli Amin, Haroon Rahim, Sudhair Abbas, Syed Nadeem Ul Hassan Mohani, Salman Aman, Muslim Raza. Antioxidant and Cytotoxic activity of Steroidal Alkaloids Isolated from *Sarcococca saligna* against DPPH and HeLa Cell Lines. Indian J of Pharmaceutical Education and Research. 2022;56(2):489-96. (**Impact factors 0.68**).
 13. Khyber Bibi, Parveen Azim, Muhammad Kifayatullah, Faisal Shakeel, Muhammad Aamir. Primary amenorrhea in females attending gynecological outpatient of a tertiary care hospital at Peshawar. Journal of Pakistan Medical Association. 07:5:888-890 (2020) (**Impact factors 0.781**).
 14. Muhammad Ikram, Amany Magdy Beshbishy, Muhammad Kifayatullah. Chemotherapeutic Potential of *Carthamus Oxycantha* Root Extract as Antidiarrheal and In Vitro Antibacterial Activities. Antibiotics. (2020) 9, 226. **Impact factors 4.639**).
 15. Naeem u. Jan, Bashir Ahmad, Muhammad Kifayatullah, Haroon Rahim. Potential effect of Steroidal alkaloids from *Sarcococca saligna* against leishmania Tropica. Indian Journal of Pharmaceutical Education and Research | Vol 53 | Issue 4 (Suppl) | Oct-Dec, 2019. (**Impact factors 0.68**).
 16. Naeem u. Jan, Bashir Ahmad, Muhammad Kifayatullah, Haroon Rahim. Steroidal alkaloids efficient aromatase inhibitors with potential for the treatment of post-menopausal breast cancer. Chem Biol Drug Des. 2020 Feb; 95(2):233-239. (**Impact factors 2.817**).
 17. Naeem u. Jan, Bashir Ahmad, Haroon Rahim, Muhammad Kifayatullah, Naveed Iqbal." In Vitro Biological Screening of Steroidal Alkaloid Isolated from *Sarcococca saligna*" Lat. Am.J. Pharm. 38(3): 500-5 (2019).(**Impact factors 0.30**).
 18. Mhammad kifayatullah, Haroon rahim, naeem ullah jan, Kamran ahmad chishti, irfan ullah & sudair abbas. In vivo Analgesic, Antipyretic and Anti-inflammatory Activities of Ethanol Extract of *Pericampylus glaucus* in Experimental Animals. Sains Malaysiana 48(3)(2019): 629–635 (**Impact factors 1.009**).
 15. Haroon Rahim, Sudhair Abbas, muhammad H. Bangash, muhammad H. Shoaib, Naeem

- U. Jan, Muhammad Kifayatullah. Quality Control Analysis of Various Brands of Paracetamol Tablets Available in Karachi, Pakistan. Lat. Am. J. Pharm. 38: 1106-10 (2019). **(Impact factors 0.30).**
16. Muhammad Kifayatullah, Haroon Rahim, Naeem Ullah Jan, Sudhair Abbas, Muhammad Shahid Khan & Muhammad Ikram. Anti-Urolithiatic Effect of Pericampylus glaucus against Ethylene Glycol Induced Urolithiasis in Male Sprague Dawley Rats. Sains Malaysiana 48(5)(2019). **(Impact factors 1.009).**
17. Muhammad Kifayatullah, Haroon Rahim, Naeem Ullah Jan, Sudhair Abbas, Kyber Bibi, Muhammad Ikram, Muhammad Shahid Khan. Neuropharmacological Activity of Ethanolic Extract from the leaves of Pericampylus glaucus in Experimental Animals. Lat. Am. J. Pharm. 38 (6): 1130-6 (2019). **(Impact factors 0.30).**
18. Irfan Ullah, Jamshaid Ali Khan, Achyut Adhikari, Peer Abdul Hannan, Faisal Shakeel, Muhammad Kifayatullah, Ajmal Khan and Shafiq ur Rahman “GCMS Analysis and In-Vitro Activities of Monothea buxifolia (Falc.) A. DC. Fruit”. Journal of the Chemical Society of Pakistan. Volume 41, No. 02, April 2019. **(Impact factors 0.536).**
19. Salman Aman, kamran A. Chishti, Muhammad Kifayatullah, Syed N.H. Mohani, Sudhair Abbas, fawad Mahmood.” Potential Effect of Nicotinic Acid Derivatives on Brain Monoamines in Male Albino Mice. Lat. Am. J. Pharm. 37 (11): 12185-90 (2018). **(Impact factors 0.30).**
20. Haroon Rahim, Sardar Ahmad, Kamran A. Chishti, Abdul Sadiq, Shahzeb Khan, Naeem U. Jan, Muhammad Kifayatullah, Fazli Amin, Nasir ALI, Sudhair Abbas, Nadir.Z. Khan. Comparative Bioequivalence Studies of Various Brands of Ofloxacin Available in the Local Market of Peshawar, Khyber Pakhtunkhwa, Pakistan. Lat. Am. J. Pharm. 38 (01): 157-62 (2019). **(Impact factors 0.30).**
21. Haroon Rahim, Abdul Sadiq, Shahzeb Khan, Mir A. Khan, Fazli Amin, Naeem u. Jan, Muhammad Kifayatullah. “Prunus armeniaca and Prunus domestica Gums:Exploring their Synergistic Binding Potential in Tablets”, Lat. Am. J. Pharm. 37 (8): 1672-83 (2018).**(Impact factors 0.30).**
22. Muhammad Kifayatullah, Fawad Mahmood, Nisar Zamin Shah, Muhammad Asif Kha,Nasir Ali Khan. Anti-Diabetic and Anti-Hyperlipidemic Effects of 2-[(Trimethylsilyl)- Oxy]-, Trimethylsilyl Ester Isolated from Pericampylus glaucus in Diabetic Rats. Lat. Am. J. Pharm. 37 (1): 22-8 (2018). **(Impact factors 0.30).**
23. Kifayatullah M, Mustapha MS, Sarker MM, Amin M, Ali F. Possible role of a compound identified from Pericampylus glaucus plant in controlling blood glucose in experimental animals. Egypt Pharmaceut J 2017; 16: 37-42. **(Impact factors 0.70).**
24. Muhammad Kifayatullah, Mohd Shahimi Mustapha, Muhammad Shahid Khan, Kaleemullah. Anti- diabetic activity of compound “2-[(trimethylsilyl) oxy]-, methyl ester (cas) methyl o-trim- ethyl- silylsalicylate” isolated from Pericampylus glaucus in STZ induced diabetic rats. Journal of Basic and Clinical pharmacy. 2017; 8:2: 68-73. (PubMed Central)
25. Kifayatullah M, Mustapha M, Sarker MR, Izharullah, Amin M. Effect of compounds identified in the active fraction of pericampylus glaucus on blood glucose and lipid profiles in streptozotocin-induced diabetic rats. Egypt Pharmaceut J 2017; 16:8-15. **(Impact factors 0.70).**
26. Pinaki Sengupta, Arindam Das, Fuzianna Ibrahim, Uttam K Mandal, Bappaditya Chatterjee, Syed Mahmood, Sreemoy K Das, Muhammad Kifayatullah “Safety profiling of Pioglitazone and Telmisartan combination by sub-chronic toxicity study in rat” Regulatory Toxicology and Pharmacology. 2016; 81, 155e-161e. **(Impact factors 3.217).**
27. Muhammad Kifayat Ullah, Muhammad Shahimi Mustapha, Md. Moklesur Rahman Sarker, "Phytochemical investigation of ethanolic extract of Pericampylus glaucus leaves

- from Malaysia by GC-MS analytical technique " International Journal of Pharm Tech Research. 2016; Vol.9, No.12, 410-416. (Scopus index Journal).
28. Mohammad Amin, Mohd. Shoaib, Ghulam Nabi, Naveed Ahamad, Muhammad Kifayatullah. "A Comprehensive Review on Fishery Biology of catfishes" Journal of Biology and Life Science, 2016,1. (Macrothink Institute, United States)
 29. Muhammad Kifayatullah, Pinaki Sengupta. "Effect of *Pericampylus glaucus* Lam Merr on plasma glucose concentration and lipid profile in streptozotocin- induced diabetic rats" Bangladesh Journal of Pharmacology. 2016;11, 200-205. **(Impact factors 1.05).**
 30. Sreemoy Kanti Das, Pinaki Sengupta, Mohd. Shahimi Mustapha, Arindam das, Md. Moklesur Rahman Sarker, Muhammad Kifayatullah. Toxicological Investigation of Ethanolic Extract of *Epipremnum aureum* in Rodents. J App Pharm Sci. 2015; 5(2): 057-061.**(Impact factors 0. 553).**
 31. Muhammad Kifayatullah*, Mohd. Shahimi Mustafa, Pinaki Sengupta, Md. Moklesur Rahman Sarker, Arindam Das, Sreemoy Kanti Das "Evaluation of the acute and sub-acute toxicity of the ethanolic extract of *Pericampylus glaucus* (Lam.) Merr. in BALB/c mice" J Acute Dis 2015; 4(4): 303-308. **(Impact factors 0.4).**
 32. Muhammad Kifayatullah*, Pinaki Sengupta, Mohd. Shahimi Mustafa, Sreemoy Kanti Das, Mrutunjay Sisugoswomi "Evaluation of Ethanolic Extract of *Pericampylus glaucus*(Lamk.) Merr for Total Phenolic, Total Flavonoids Contents and In-vitro Anti – Oxidant Activity" International Journal of Pharmacognosy and Phytochemical Research 2015; 7(4); 677- 683.(Scopus index Journal).
 33. Muhammad Kifayat Ullah, Muhammad Shahimi Mustapha, Md. Moklesur Rahman Sarker, "Phytochemical investigation of ethanolic extract of *Pericampylus glaucus* leaves from Malaysia byGC-MS analytical technique " International Journal of Pharm Tech Research. 2016; Vol.9, No.12, 410-416.
 34. Muhammad Kifayatullah, Mohd Shahimi Mustapha, Muhammad Amin, Sardar Hameed, Izhar- Ullah. A review on Malaysian medicinal plants having anti-hyperglycemic activity. Journal of Coastal Life Medicine. 2016; 4(11): 898-901.
 35. Muhammad Kifayatullah, Mohd.shahimi Mustafa, Satheesh babo natrajan, Arindam das, Mashood ahamad shah. A review on medicinal plants possessing anti-inflammatory activity Int J Pharm 2014; 4(4):151-155.
 36. Syed Asif, Jahanzeb Kazmi, Izhar Ullah, Naveed Ali Siddique, Muhammad Yaseen, Muhammad Kifayatullah. To evaluate the antibacterial effect of indigenous medicinal plants against gram +ve bacteria (*s.aureus*) WJPPS volume 3, issue 9, 1349-1361.
 37. Muhammad kifayatullah^{1*}, Ishrat waheed, Sreemoy kanti Das, Mrutyunjay Sisugoswomi, Izharullah. Evaluation of hydroethanolic extract of *Opuntia monacantha* Haw cladodes for analgesic activity. World Journal of Pharmacy and Pharmaceutical Sciences.3, 2, 1006-1020.
 38. Muhammad kifayatullah, Ishrat Waheed. Evaluation of hydroethanolic extract of *Opuntia monacantha* haw cladodes for antipyretic activity World Journal of Pharmacy and Pharmaceutical Sciences 3, 2, 1021-1130.
 39. Muhammad Kifayatullah, Mohd Shahimi Mustapha, Md. Moklesur Rahman Sarker, Pinaki Sengupta, Abdul Basit Khan. Effect of ethanolic extract of *Pericampylus glaucus* (Lam) Merr on biochemical parameters in high fats diets (HFD) Sprague-Dawley rats. Journal of Coastal Life Medicine.2017; 5(5): 219-223.

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CONFERENCES / SEMINARS

a) Conferences Organized

1. International Conference on Recent Advances in Health Sciences, Malaysia, 2014

b) Poster Presentation:

1. MM Rahman Sarker, MTAR Zihad, M. Islam, M Ahmad Shah, M.Kifayatullah, SK Das. Shiitake Mashroom: Potential glycemic control activity on Alloxan and Glucocorticoids Induced diabetic Long Evans Rats. PGO 5, MPSPSC 201500037 (Oral). Malaysia
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HONORS / AWARDS

1. 1st position in School BISE Metric Board Exam

SKILLS

1. SPSS
2. End note
3. Graph pad
4. World excels

REFERENCES

References will be furnished upon request
