

CURRICULUM VITAE

Dr. Syed Muhammad Ali Shah PhD,
Assistant Professor Department of Eastern Medicine,
Directorate of Medical Sciences, Government College University Faisalabad.
Address for Corresponding: Qutabpur Tehsil Dunyapur District Lodhran, Multan
Date of Birth: 07-09-1977 Mobile No. 0301-7769745
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Academic Qualification:

PhD in Eastern Medicine in 2013

Hamdard University Karachi, Pakistan

M.Phil: in Phytomedicine, The Islamia University of Bahawalpur, Pakistan, 2008.

BEMS: Bachelor of Eastern Medicine & Surgery from Hamdard University Karachi, Pakistan, 2003

Approved HEC Supervisor

Teaching and Research Experience:

Assistant Professor

1. Currently working as Assistant Professor from July 1, 2014 till to date in the Department of Eastern Medicine, Directorate of Medical Sciences, Government College University Faisalabad.
2. Worked as Assistant Professor on IPFP from April 8, 2014 to 30th June 2014 in GCUF.
3. Worked as a Visiting Assistant Professor from January 1, 2014 in GCUF.

Previous Teaching Experiences

Lecturer

1. Worked as a Lecturer on BPS 18 in the Department of Eastern Medicine from 2012 to 2013, The University Poonch, Rawalakot, Azad Kashmir
2. Worked as a Visiting lecturer in the College of Conventional Medicine, Faculty of Pharmacy and Alternative Medicine, The Islamia University of Bahawalpur Pakistan. 2007-2011.

Professional Membership:

Registered Tabib (Registration No. QBH-0035) with National Council for Tibb Pakistan

Administrative Experience:

1. **In charge**, Department of Eastern Medicine, Government College University Faisalabad, Pakistan. Dated: 01-05-2015 to 10-01-2019

Achievements as a In charge

1. Got NOC from HEC in Phytomedicine and started classes.
2. Got NOC from HEC in Eastern Medicine and classes started in fall semester 2019.
3. Visit the Department by NCT and got accredited from council.
4. Purchase the books and laboratory equipment's for undergraduate and graduate students

Professional Honors

1. Member of Board of Studies for the Department of Eastern Medicine, Directorate of Medical Sciences, GC University Faisalabad.

2. Member of Board of Studies for the Department of Public Health, Directorate of Medical Sciences, GC University Faisalabad
3. Member of Board of Studies for the College of Allied Health Professionals, Directorate of Medical Sciences, GC University Faisalabad
4. Member of Board of Studies for the College of Physical Therapy, Directorate of Medical Sciences, GC University Faisalabad
5. Member of Board of Advisory Committee University College Conventional Medicine, Faculty Pharmacy, The Islamia University of Bahawalpur.
6. Member Selection Board Committee University College Conventional Medicine, Faculty Pharmacy, The Islamia University of Bahawalpur.
7. Member Selection Board Committee, University of Poonch, Rawalakot Azad Kashmir
8. Member of HEC (NCRC) for BEMS program from Department of Eastern Medicine, Directorate of Medical Sciences GC University Faisalabad.
9. Assist Editor, Pakistan Journal of Medical and Biological Sciences, Government College University Faisalabad.

Member of Selection Board

1. Member of selection board University College of Conventional Medicine, The Islamia University Bahawalpur.
2. Member of selection board Department of Eastern Medicine, University of Pooch, Rawalakot, Azad Kashmir.

Research Projects/Awards

1. Got GCUF Research Productivity Award (Awarded)
2. Got GCUF Research Project (Completed)
3. Effect of *Asparagus racemosus* and *Luffa acutangula* in the management of female infertility and lactation by targeting the pituitary gland in animal model (Submitted in NRPDU)

Clinical Experiences:

Working as a Tabib since 2004 to till to date.

Professional Membership:

1. Registered with National Council for Tibb Ministry of Health Government of Pakistan
2. Lifetime member of Pakistan Association for Eastern Medicine
3. Lifetime member of BEMS Medical Association of Pakistan

Brief Statement of Research Interest:

1. Evaluation of medicinal plants for novel enzyme inhibitors.
2. Ethnobotanic / ethnomedicinal, Phytochemistry, Biological, pharmacological, nutraceutical uses of spices and culinary herbs.
3. Pre-clinical, clinical study, Standardization and safety of herbs and herbal formulations.
4. Comparative clinical study of different herbal formulation.
5. Antioxidant, Antimicrobial, Antifungal, Anticancer and Immunodulation activity of various indigenous medicinal plants and its formulation in animal model.

Publications: (Total IF: 71.1546)

In 2019-

1. Muhammad Akram, **Syed Muhammad Ali Shah**, Naveed Munir, Muhammad Daniyal, Imtiaz Mahmood Tahir, Zahed Mahmood, Muhammad Irshad, Muhammad Akhlaq, Sabira Sultana, Rida Zainab. Hexose monophosphate shunt, the role of its metabolites and associated disorders: A review. *J Cell Physiol.* 2019;1–10. wileyonlinelibrary.com/journal/jcp. **(IF: 4.523)**.
2. **Syed Muhammad Ali Shah**, Muhammad Akram, Muhammad Riaz, Naveed Munir, Ghulam Rasool (2019). Cardioprotective potential of plants derived molecules – A Scientific and Medicinal Approach. *Dose Response.* 17(2):1-14 **(Impact Factor: 2.451)**.
3. Ghazala Shaheen, Muhammad Akram, Farhat Jabeen, **Syed Muhammad Ali Shah**, Naveed Munir, Muhammad Daniyal, Muhammad Riaz, Imtiaz Mahmood Tahir, Aymen Owais Ghauri, Sabira Sultana, Rida Zainab, Muslim Khan (2019). Therapeutic Potential of Medicinal Plants for the Management of Urinary Tract Infection: A Systematic Review. *Clinical and Experimental Pharmacology and Physiology.* 46(7):613-624 **(Impact Factor: 2.336)**.
4. Asma Marium, Abida Kausar, **Syed Muhammad Ali Shah**, Muhammad Yasin Ashraf, Noreen Akhtar and Muhammad Akram (2019). Assessment of cucumber genotypes for salt tolerance based on germination and physiological indices. *Dose Response* (Accepted) **(Impact factor: 2.451)**.
5. Muhammad Aftab, Alina Ramzan, Sajjad Haider Bhatti, Tanvir Ahmad, Muhammad Ali Raza, **Syed Muhammad Ali Shah** and Muhammad Akram (2019). Correlates of diabetic retinopathy: A case study. *Pakistan Journal of Pharmaceutical Sciences*, 32(4):1909-1912 **(Impact Factor 0.596)**.
6. Jawad Zaheer, Qazi Najam-Us-Saqib, Asif Mehmmod Hashmi, Muhammad Mukhtiar, Sadia Zafar, Muhammad Riaz, Ghulam Rasool, Muhammad Akram, **Syed Muhammad Ali Shah**, Saher Rahat and Faid Said Khan (2019). Abortifacient activity of *Androsace foliosa* n-hexane leaves fraction on isolated rabbit uterus. *Pakistan Journal of Pharmaceutical Sciences*, 32(5-Suppl):2333-2339. **(Impact Factor 0.596)**.
7. Sabira Sultana, Tasneem Qureshi, Hafiz Muhammad Asif, Muhammad Akram, Sultan Ayaz, and **Syed Muhammad Ali Shah**. Acute and sub-acute toxicity study and randomized clinical trial of polyherbal coded drug candicure in the management of acute vulvovaginal candidiasis. *Pak. J. Pharm. Sci.*, Vol.32, No.1(Suppl), January 2019, pp.315-322**(IF: 0.596)**.
8. Naveed Munir, Muhammad Anjum Zia, Sumaira Sharif, Imtiaz Mahmood Tahir, Muhammad Jahangeer, Irum Javed, Muhammad Riaz, Muhammad Usman Sarwar, Muhammad Akram, **Syed Muhammad Ali Shah** (2019). L-Asparaginase potential in acrylamide mitigation from foodstuff: a mini-review. *Progress in Nutrition*;21(3): 00-00. **(Impact Factor: 0.265)**.
9. Hasan Abdaal Jalani, **Syed Muhammad Ali Shah**, Fozia Anjum, Samreen Gul Khan, Naheed Akhter, Muslim Khan, Muhammad Akram, Imtiaz Mahmood Tahir and Naveed Munir. Prevalence and co-infection of Malaria and Typhoid in the local population of Faisalabad, Pakistan. *Pak. J. Pharm. Sci.*, Vol.32, No.1(Suppl), January 2019, pp.323-326. **(IF: 0.596)**.

In 2018-

10. Muhammad Daniyal, Muhammad Akram, Rida Zainab*, Naveed Munir, Aamir Sharif, **Syed Muhammad Ali Shah**, Bin Liu, Wei Wang (2018). Prevalence and current therapy in chronic liver disorders, *Inflammopharmacology*. 27(2):213–231 (**Impact factor 3.838**).
11. Muhammad Akram, Imtiaz Mahmood Tahir, **Syed Muhammad Ali Shah**, Zahed Mahmood, Awais Altaf, Khalil Ahmad, Naveed Munir, Muhammad Daniyal, Suhaila Nasir, Huma Mehboob “Antiviral potential of medicinal plants against HIV, HSV, influenza, hepatitis, and coxsackievirus: A systematic review” *Phytotherapy Research*. 2018;1–12. (**IF:3.092**).
12. M Akram, A Hamid, A Khalil, A Ghaffar, N Tayyaba, A Saeed, **M Ali**. Review on Medicinal Uses, Pharmacological, Phytochemistry and Immunomodulatory Activity of Plants. *International journal of immunopathology and pharmacology* 27 (3), 313-319, 2014. (**IF:2.347**).
13. Fahad Said Khan, Muhammad Akram, Nosheen Aslam, Imtiaz Mahmood Tahir, Naveed Munir, Iftikhar Ahmad Khan, Abdul Hamid Khan, Sodah Mustafa, Jawad Zaheer, Aamir Sharif, **Syed Muhammad Ali Shah**, Shumaila Kausar (2018). Phyto chemical analysis and hepatoprotective effect of poly herbal formulation on CCl₄ induced hepatotoxicity in mice. *Pakistan Journal of Pharmaceutical Sciences*; 31(6):2721-2725 (**Impact Factor 0.596**).
14. Abdul Khaliq, **Syed Muhammad Ali Shah**, Muhammad Akram, Naveed Munir, Muhammad Daniyal, Muhammad Irshad, Saeed Ahmad (2018). Determination of oil contents from eight varieties of *Olea europaea* (Olive) grown in Pakistan, *Natural Product Research* <file:///D:/168-olive%20content.pdf> (**Impact factor 1.999**).
15. Shamaila Zafar, Muhammad Mudassar Ashraf, Asghar Ali, Nosheen Aslam, Asma Ashraf, Sara Zafar, Rahat Andleeb, Muhammad Waqas Khadam, Imtiaz Mahmood Tahir, Muhammad Akram, **Syed Muhammad Ali Shah**, Muhammad Daniyal (2018). Effect of caffeine on anti-clotting activity of warfarin in healthy male albino rabbits. *Pakistan Journal of Pharmaceutical Sciences*. 31(2):611-616. (**Impact Factor 0.596**)
16. Sabira Sultana, Muhammad Akram, **Syed Muhammad Ali Shah**, Sultan Ayaz, Muhammad Riaz Ur Rehman, Hammad Ahmad, Abdul Wadood Chishti (2018). *Moringa oleifera* Lam. A miraculous medicinal plant: Review, *Pakistan Journal of Medical and Biological Sciences*;2(1):60-63.
17. Shagufta kamal, Naheed Akhter, Samreen Gul Khan, Shumaila kiran, Tahir Farooq, Muhammad Akram, **Syed Muhammad Ali Shah**, Imtiaz Mahmood Tahir, Muhammad Akhlaq, Fahad Said, Jawad Zaheer (2018). Anti-diabetic activity of aqueous extract of *Ipomoea batatas* L in alloxan induced diabetic wistar rats and its effects on biochemical parameters in diabetic rats. *Pakistan Journal of Pharmaceutical Sciences*, 31(Suppl-4):1539-1548 (**Impact Factor 0.596**).
18. In vitro antioxidant and cytotoxic potential of methanolic extracts of selected indigenous medicinal plants. Abida Kauser, **Syed Muhammad Ali Shah**, Naeem Iqbal, Mian Anjum Murtaza, Iqbal Hussain, Asma Irshad, Suhaila Nasir, Muhammad Akram, Naveed Munir, Muhammad Riaz. *Progress in Nutrition* 2018; Vol. 20, N. 4: 706-712. (**IF: 0.265**).
19. Saeed Ahmad, Muhammad Akram, **Syed Muhammad Ali Shah**, Subira Sultana (2018). Evaluation of antipyretic activity of hydroalcoholic extract of *Corchorus depressus* Linn. in *Escherichia coli*-induced pyretic rabbits. *European Journal of Inflammation*, xx: 1-4 (**Impact factor, 0.733**).

20. Imtiaz Mahmood Tahir, Naheed Akhter, Abida Parveen, Huma Mehboob, Sadaf Saleem, Naveed Munir, **Syed Muhammad Ali Shah**, Jawad Zaheer, Fahad Said Khan, Sabira Sultana, Muhammad Akram (2018). Effects of methanolic and aqueous extracts of Ipomoea batatas L on mineral contents level (calcium and magnesium) in alloxan induced diabetic rats. Pakistan Journal of Pharmaceutical Sciences, 31(5):2077-2083 (**Impact Factor 0.596**).
21. Naveed Munir, Muhammad Asghar, Mian Anjum Murtaza, Naheed Akhter, Ghulam Rasool, **Syed Muhammad Ali Shah***, Imtiaz Mahmood Tahir, Fahad Said Khan, Muhammad Riaz, Sabira Sultana, Abid Rashid, Muhammad Akhlaq, Muhammad Akram (2018). Enhanced production of Lovastatin by filamentous fungi through solid state fermentation. Pakistan Journal of Pharmaceutical Sciences, 31(Suppl-4):583-1589 (**Impact Factor 0.596**).
22. **Syed Muhammad Ali Shah**, Zahid Mehmood, Naveed Munir, Muhammad Jahangeer, Samad Ahmed Qamar, Ghazia Fatema, Sultan Ayaz, Muhammad Akram, Sabira Sultana (2018). Herbal treatment of viral cancer, Pakistan Journal of Medical and Biological Sciences;2(1):36-44.

In 2017-

23. **Syed M. Ali Shah**¹, Irshad Ahmad, M. Ashraf, Shafia Arshad, Muhammad Yar, Abida Latif, Uzair Afzal and Muhammad Uzair “Di phenyl picryl hydrazyl (dpph) free radical scavenging activity of some indigenous medicinal plants” Pak J Med Biol Sci 2017 - Vol. 1, Issue 1.
24. Saeed Ahmad, **Syed Muhammad Ali Shah**, Muhammad Akram, Hafiz Muhammad Wariss, Khurshid Alam, Muhammad Abdullah, Shazia Anjum (2017). Biodiversity, Conservation of Endemic Medicinal Flora in Cholistan Desert, Pakistan. Climate Change and Biodiversity, Proceedings Ist International Conference on Climate Change and Biodiversity, 83-90.
25. Yusra Akram, Zahed Mahmood, Muhammad Riaz, Irum Javed, Muhammad Shahid, Tahira Batool, **Syed Muhammad Ali Shah**, Naveed Munir, Imtiaz Mahmood Tahir. Biochemical profiling of tuberculosis patients co-infected with hepatitis C virus. European Journal of Inflammation 2017, Vol. 15(1) 42–45. (**IF:0.719**).
26. **Syed Muhammad Ali Shah**, Muhammad Akram, Abid Rashid, Muhammad Daniyal, Benish Ali, Armghan Anjum, Naheed Akhter, Imtiaz Mahmood Tahir, Naveed Munir “Epidemiology and herbal treatment of osteoarthritis”. Pak J Med Biol Sci 2017 - Vol. 1, Issue 2.
27. Amtul Fayyaz, Junaid Ali Khan, Muhammad Mudassar Ashraf, Naheed Akhter, Bilal Aslam, Muhammad Fiaz Khalid, Sidra Altaf, Rana Dawood Naseer, Muhammad Akram, **Syed Muhammad Ali Shah**, Muhammad Waqas Khadam and Imtiaz Mahmood Tahir “Pharmacokinetic behavior of montelukast in indigenous healthy male volunteers” Pak. J. Pharm. Sci., Vol.30, No.6(Suppl), November 2017, pp.2435-2439. (**IF: 0.596**).
28. Mushtaq Ahmad, Ghazala Shaheen, Saeed Ahmad, Muhammad Akram, **Syed Muhammad Ali Shah**, Shahbaz Ahmad Zakki “Clinical efficacy of Unani medicine Renax for treatment of Urolithiasis” Pak. J. Pharm. Sci., Vol.30, No.5(Suppl), September 2017, pp.2003-2006. (**IF: 0.596**).
29. Asma Ashraf, Muhammad Mudassar Ashraf, Azhar Rafique¹, Bilal Aslam, Saddia Galani, Shoab Zafar, Farkhanda Asad, Rana Dawood Asghar, Sidra Akram, Hamad Ahmed, **Syed Muhammad Ali Shah** and Rizwan Asif. In vivo antiviral potential of Glycyrrhiza glabra

- extract against Newcastle disease virus. Pak. J. Pharm. Sci., Vol.30, No.2 (Suppl), March 2017, pp.567-572. (IF: 0.596).
30. Muhammad Sajid Khan, Abdul Hamid, Muhammad Akram, Soda Bint Mustafa, Abdul Sami, **Syed Muhammad Ali Shah** and Khan Usmanghani. Antipyretic potential of herbal coded formulation (Pyrexol). Pak. J. Pharm. Sci., Vol.30, No.1, January 2017, pp.195-198. 195 (IF: 0.596).
 31. Risk factors of neonatal mortality in Faisalabad, Pakistan Sajjad Haider Bhatti, Hiba Izzam Mamuna , Muhammad Aftab , Muhammad Aslam , Nosheen Aslam , **Syed Muhammad Ali Shah**, Hamad Ahmed and Muhammad Akram. Pak. J. Pharm. Sci., Vol.30, No.2(Suppl), March 2017, pp.663-665 (IF: 0.596).
 32. Amtul Fayyaz, Junaid Ali Khan, Muhammad Mudassar Ashraf, Naheed Akhter, Bilal Aslam, Muhammad Fiaz Khalid, Sidra Altaf, Rana Dawood Naseer, Muhammad Akram, **Syed Muhammad Ali Shah**, Muhammad Waqas Khadam, Imtiaz Mahmood Tahir (2017). Pharmacokinetic behavior of montelukast in indigenous healthy male Volunteers. Pakistan Journal of Pharmaceutical Sciences, 30(6):2435-2439 (Impact Factor 0.596).
 33. Sajjad Haider Bhatti, Hiba Izzam Mamuna, Muhammad Aftab, Muhammad Aslam, Nosheen Aslam, **Syed Muhammad Ali Shah**, Hamad Ahmed, Muhammad Akram (2017). Risk factors of neonatal mortality in Faisalabad, Pakistan, Pakistan Journal of Pharmaceutical Sciences;30:2:663-665. (Impact Factor 0.596).
 34. Muhammad Sajid Khan, Muhammad Akram, Sodah Bint Mustafa, Abdul Sami, **Syed Muhammad Ali Shah** and Khan Usmanghani (2017). Antipyretic potential of herbal coded formulation (Pyrexol), Pakistan Journal of Pharmaceutical Sciences; 30(1):195-198 (Impact Factor 0.596).
 35. **Syed Muhammad Ali Shah**, Muhammad Akram, Abid Rashid, Muhammad Daniyal, Benish Ali, Armghan Anjum, Naheed Akhtar, Imtiaz Mahmood Tahir, Naveed Munir (2017). Epidemiology and herbal treatment of osteoarthritis. Pakistan Journal of Medical and Biological Sciences. 1(2):38-57.
 36. Muhammad Akram, **Syed Muhammad Ali Shah**, Umbreen Naz, Nosheen Aslam, Imtiaz Mahmood, Zahid Manzoor, Shaukat Hussain Munawar, Muhammad Saleem (2017). Phytotherapy of sexual dysfunction: A Review, Pakistan Journal of Medical and Biological Sciences, 1(2):35-40.
 37. . **Syed Muhammad Ali Shah**, Muhammad Akram, Abid Rashid, Muhammad Daniyal, Benish Ali, Armghan Anjum, Naheed Akhtar, Imtiaz Mahmood Tahir, Naveed Munir (2017). Epidemiology and herbal treatment of osteoarthritis. Pakistan Journal of Medical and Biological Sciences. 1(2):38-57.
 38. Riaz Ur Rehman, Farhan Sarwar, Ubreen Naz, **Syed Muhammad Ali Shah**, Muhammad Akram, Imran Ahmed, Khan, Abdul Aziz, Shoaib Zafar (2017). Medicinal plants having wound healing activity: A Review, Pakistan Journal of Medical and Biological Sciences, 1(1):63-69.

In 2016-

39. Mustafa, S.B., Mehmood, Z., Akhter, N., Kauser, A., Hussain, I., Rashid, A., Akram, M., Tahir, I.M., Munir, N., Riaz, M. **Shah, S.M.A.** and Niazi, S.G., 2016. Medicinal plants and

- management of Diabetes Mellitus: A review. *Pak. J. Pharm. Sci*, 29(5), pp.1885-1891. **(IF: 0.596)**.
40. Noreen, S., Shaheen, G., Akram, M., Rashid, A. and **Shah, S.M.A.**, 2016. Antiurease and anti-oxidant activity of *Vaccinium macrocarpon* fruit. *Pak. J. Pharm. Sci*, 29(4), pp.1383-1385. **(IF: 0.596)**.
 41. Sodah Bint Mustafa, Zahid Mehmood, Naheed Akhter, Abida Kauser, Iqbal Hussain, Abid Rashid, Muhammad Akram, Imtiaz Mahmood Tahir, Naveed Munir, Muhammad Riaz, Samia Gul Niazi, Abid Ali, Muhammad Mudassar Ashraf, Umbreen Naz, Hammad Ahmed, **Syed Muhammad Ali Shah** and Khan Usmanghani (2016). Medicinal plants and management of Diabetes Mellitus: A review, *Pakistan Journal of Pharmaceutical Sciences*; 29 (5Suppl):1885-1891 **(Impact Factor 0.596)**.
 42. Alam, M.K., Ahmed, S., Anjum, S., Akram, M., **Shah, S.M.A.**, Wariss, H.M., Hasan, M.M. and Usmanghani, K., 2016. Evaluation of antipyretic activity of some medicinal plants from Cholistan desert Pakistan. *Pak. J. Pharm. Sci*, 29(2), pp.529-533. **(IF: 0.596)**.
 43. **Shah, S.M.A.**, Usmanghani, K., Akhtar, N., Akram, M., Asif, H.M. and Hasan, M.M., 2016. Clinical study on the efficacy of Amoebex (coded herbal drug) compared with Metronidazole for the treatment of Amoebic dysentery. *Pak. J. Pharm. Sci*, 29(6), pp.2005-2014 **(IF: 0.596)**.
 44. Mahmood, S., Mahmood, T., Hussian, I., Javed, S., Afzal, B., Ghaffar, F., Iqbal, M., Akram, M. and **Shah, S.M.A.**, 2016. Efficacy of differently applied tyrosine and tryptophan for modulation of phenolic metabolism in *Trachyspermum ammi* (L.) sprague seedlings. *Pak. J. Pharm. Sci*, 29(5), pp.1847-1851. **(IF: 0.596)**.
 45. . Shabana Noreen, Ghazala Shaheen, Muhammad Akram, Abid Rashid, **Syed Muhammad Ali Shah** (2016) Antiurease and anti-oxidant activity of *Vaccinium macrocarpon* fruit, *Pakistan Journal of Pharmaceutical Sciences*, 29(4): 1383-1385 **(Impact Factor 0.596)**
 46. **Syed Muhammad Ali Shah**, Khan Usmanghani, Naveed Akhtar, Muhammad Akram, Hafiz Muhammad Asif, Muhammad Motasheemul Hasan (2016). Clinical study on the efficacy of Amoebex (coded herbal drug) compared with Metronidazole for the treatment of Amoebic dysentery, *Pakistan Journal of Pharmaceutical Sciences*. 29 (6): 2005-2014 **(Impact Factor 0.596)**.
 47. Ali, A., Rahman, K., Jahan, N., Jamil, A., Rashid, A. and **Shah, S.M.**, 2016. Protection of DNA during oxidative stress and cytotoxic potential of *Artemisia absinthium*. *Pakistan journal of pharmaceutical sciences*, 29(1 Suppl), pp.295-299. **(IF: 0.596)**.
 48. Saqib Mahmood, Tariq Mahmood, Iqbal Hussian, Sadia Javed, Beenish Afzal, Freeha Ghaffar, Muhammad Iqbal, Muhammad Akram and **Syed Muhammad Ali Shah** (2016), Efficacy of differently applied tyrosine and tryptophan for modulation of phenolic metabolism in *Trachyspermum ammi* (L.) sprague seedlings. *Pakistan Journal of Pharmaceutical Sciences*. 29(5Suppl):1847-1851. **(Impact Factor 0.596)**.

In 2015-

49. Riaz, Muhammad, Zahed Mahmood, Muhammad Shahid, M. Usman Qamar Saeed, Imtiaz Mahmood Tahir, **SM Ali Shah**, Naveed Munir, and Ahmed El-Ghorab. "Impact of reactive oxygen species on antioxidant capacity of male reproductive system." *International journal of immunopathology and pharmacology* (2015): 0394632015608994. **(IF:2.347)**.

50. Munir, Naveed, M. Asgher, Imtiaz Mahmood Tahir, Muhammad Riaz, Muhammad Bilal, and **SM Ali Shah**. "Utilization of agro-wastes for production of ligninolytic enzymes in liquid state fermentation by *Phanerochaete chrysosporium*-IBL-03." *IJCBS* 7 (2015): 9-14.
51. Muhammad Khurshid Alam, Saeed Ahmed, Shazia Anjum, Muhammad Akram, **Syed Muhammad Ali Shah**, Hafiz Muhammad Wariss Muhammad Mohtasheemul Hasan and Khan Usmanghani. Evaluation of antipyretic activity of some medicinal plants from Cholistan desert Pakistan. *Pak. J. Pharm. Sci* 29 (2), 529-533 (**IF: 0.596**).
52. Mahboob Alam, Ghazala Shaheen, Muhammad Akram, **Syed Muhammad Ali Shah** (2015). Investigation of cytotoxic activity of hydro-alcoholic extract of medicinal plants using *Artemia Salina* (Brine Shrimp Test), *Latin American Applied Research*; 45 (4):231-232 (**Impact factor, 0.018**).
53. Akhtar Ali, Ejaz Mohiuddin, Shahabuddin, Abdul Hannan, **Syed Muhammad Ali Shah** and Khan Usmanghan. Clinical evaluation of unani. Ear drops herbotic for earache. 2243-2248, 2015 *Pakistan Journal of Pharmaceutical Sciences*. (**IF: 0.596**).
- In 2014-**
54. M Akram, A Hamid, A Khalil, A Ghaffar, N Tayyaba, A Saeed, **M Ali**. Review on Medicinal Uses, Pharmacological, Phytochemistry and Immunomodulatory Activity of Plants. *International journal of immunopathology and pharmacology* 27 (3), 313-319, 2014. (**IF:2.347**)
55. Ahmad, Saeed, **Syed Muhammad Ali Shah**, Muhammad Khurshid Alam, Khan Usmanghani, Iqbal Azhar, and Muhammad Akram. "Antipyretic activity of hydro-alcoholic extracts of *Moringa oleifera* in rabbits." *Pakistan journal of pharmaceutical sciences* 27, no. 4 (2014). (**IF: 0.596**).
56. Muhammad Akram, Abdul Hamid, Khalil Ahmed, Abdul Ghaffar, Tayyaba Naveed, Saeed Ahmed, **Syed Muhammad Ali Shah**, Naveed Akhtar (2014). Review on medicinal uses, pharmacological activity, phytochemistry and immunomodulatory activity of plants, *International Journal of Immunopathology and Pharmacology*; 27(3):313-319 (**Impact factor 2.180**).
57. Saeed Ahmad, **Syed Muhammad Ali Shah**, Muhammad Khurshid Alam, Khan Usmanghani, Iqbal Azhar and Muhammad Akram (2014), Antipyretic activity of hydro-alcoholic extracts of *Moringa oleifera* in rabbits, *Pakistan Journal of Pharmaceutical Sciences*, 27(4): 931-934 (**Impact Factor 0.596**).

In 2013-

58. A Somro, M Akram, MI Khan, HM Asif, A Sami, **SAM Shah**, K Ahmed Pharyngitis and sore throat: A review *African Journal of Biotechnology* 10 (33), 6190-6197 2013.
59. **SMA Shah**, M Ashraf, I Ahmad, S Arshad, M Yar, A Latif Anti-lipoxygenase activity of some indigenous medicinal plants *ournal of Medicinal Plants Research* 7 (6), 219-222,2013.
60. M Akram, A Hamid, K Ahmed, A Ghaffar, T Naveed, S Ahmed, **SM Ali**. Hypocholesterolemic activity of plants: A Review. *International Journal of Agronomy and Plant Production* 4 (11), 2906-2911, 2013.

61. Muhammad Akram, Khalil Ahmed, Abdul Ghaffar, Tayyaba Naveed, Saeed Ahmed, **Syed Muhammad Ali Shah**, Naveed Akhtar (2013). Hypocholesterolemic activity of plants: A Review, International Journal of Agronomy and Plant Production; 4 (11):2906-2911.

In 2012-

62. K Ahmed, **SM Ali**, M Akram, HM Asif. Efficacy of Unani medicine. Journal of Medicinal Plants Research 6 (22), 2012.
63. M Akram, E Muhiuddin, A Ahmed, K Usmanghani, **SMA Shah** Enzymes: A review Journal of Medicinal Plants Research 6 (6) 2012.
64. M Akram, E Muhiuddin, A Ahmed, K UsmanGhani, HM Asif, **SMA Shah** Glycosides: A potential source of phytomedicine Journal of Medicinal Plants Research 6 (6) 2012.
65. Muhammad Ibrahim Khan, Muhammad Irfanullah Siddiqui, Khan Usmanghani, Ejaz Mohiuddin, Sultan Ayaz, Muhammad Akram, **Syed Muhammad Ali Shah** and Hafiz Muhammad Asif (2012). Clinical Evaluation of Herbal Formulation for the Treatment of Intestinal Worms, Pakistan Journal of Nutrition; 11 (2):133-139.
66. **Syed Muhammad Ali Shah**, Muhammad Akram, Hafiz Muhammad Asif, Riaz Ur Rehman, Khalil Ahmad, Asadullah Madni, Ghazala Shaheen, Tahira Shamim, Qalb-e- Saleem (2012). Hormonization of Traditional Medicine with Modern Medicine, International Journal of Applied Biology and Pharmaceutical Technology; 2(1):253-260.
67. M Ibrahim Khan, Muhammad Irfanullah Siddiqui, Khan Usmanghani, E Mohiuddin, Sultan Ayaz, M Akram, **SM Ali Shah**, HM Asif “Clinical Evaluation of Herbal Formulation for the Treatment of Intestinal Worms”. Pakistan Journal of Nutrition 11 (2), 133-139 2012.

In 2011-

68. **S Shah**, N Akhtar, M Akram, PA Shah, T Saeed, K Ahmed, H Asif “Pharmacological activity of *Althaea officinalis* L” J Med Plants Res 5, 5662-5666,2011. **(IF:0.879)**.
69. Ghazala Shaheen, Irshad Ahmad, Arshad Mehmood, Naveed Akhter, Khan Usmanghani, Tahira Shamim, **SM Ali Shah**, Laila Sumreen, M Akram Monograph of *Vaccinium macrocarpon* Journal of Medicinal Plants research 2011, 5 (22), 5340 5346,2011. **(IF:0.879)**.
70. **Syed Muhammad Ali Shah**, Naveed Akhtar, Muhammad Akram, Pervaiz Akhtar Shah, Tariq Saeed, Khalil Ahmed and Hafiz Muhammad Asif (2011). Pharmacological activity of *Althaea officinalis* L. Journal of Medicinal Plants Research, 5(24); 5662-5666. **(Impact factor, 0.879)**.
71. M Akram, **SMA Shah**, HM Asif, G Shaheen, T Shamim, MI Khan, AUllah. Comparative study of similarity and identity of human albumin with some selected organism albumin Journal of Medicinal Plants Research 5 (19) 2011.**(IF:0.879)**
72. Ghazala Shaheen, Irshad Ahmad, Arshad Mehmood, Naveed Akhter, Khan Usmanghani, Tahira Shamim, **Syed Muhammad Ali Shah**, Laila Sumreen and Muhammad Akram (2011). Monograph of *Vaccinium macrocarpon*. Journal of Medicinal Plants Research. 5(22):5340-5346 **(Impact factor, 0.879)**.
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Research or Creative Accomplishments:

1. I have completed research work on “comparative clinical study on the efficacy of Amoebex (coded herbal drug) compared with metronidazole for the treatment of amoebic dysentery” in my PhD.
2. I also completed research on “Investigations on the inhibitions of Lipoxygenase and NTPDase by some medicinal plants.
3. I also completed as co-research work on Acetyl cholinesterase and NADH Oxidase inhibition by some medicinal plants.
4. Antioxidant activity by some medicinal plants and formulations

Books Published

1. Immunomodulator and Anticancer Phytomedicine 2019.
2. Role of Phenylalanine and its metabolites in health neurological disorders 2019.
3. Text Book on Differential Diagnosis of Common Complaints 2019.
4. Lipid Biochemistry submitted in Elsevier
5. Inhibition of Lipoxygenase and NTPDase Activity by Medicinal Plants
6. New Enzyme Inhibitors found in Medicinal Plants (Acetylcholinesterase and NADH Oxidase activity by medicinal Plants)

7. Short Text Book of Biochemistry

Professional Presentations:

1. Organized the seminar on Dengue Fever held on 3-10-2019.
2. Present a paper in 3rd international conference “Functional Food and Nutraceuticals” held on December 4-5, 2013.
3. Certificate of Participation in “World Radiology Day” on 15 December 2015 organized by Directorate of Medical Sciences, Government College University Faisalabad.
4. Certificate of Participation in “Application of Ionizing Radiation in Everyday Life, Radiation Hazards and Means of Protection” on 27th April, 2016 organized by Directorate of Medical Sciences, Government College University Faisalabad.
5. Certificate of Participation in “Project Formulation Workshop” held on January 20-21, 2016 Government College Women University, Faisalabad organized by Pakistan Science Foundation Islamabad.
6. Certificate of Participation in “International Conference of Biochemistry, Biotechnology and Biomaterials” (ICBBB) on February 22-24, 2016 organized by Department of Biochemistry University of Agriculture Faisalabad.
7. Certificate of Participation in “World Orthotics and Prosthetic Day” on January 17, 2018 organized by Directorate of Medical Sciences, Government College University Faisalabad.
8. Certificate of Participation in “2nd International Conference on Materials Science and Nanotechnology 2018” on February 19-20, 2018 organized by Department of Physics, Government College University Faisalabad-Pakistan.
9. Certificate of Participation in Workshop on “Intellectual Property Rights” on November 6th, 2015 organized by PASTIC in Government College University Faisalabad-Pakistan.
10. Certificate of Appreciation in 2nd International Seminar “Strengthening Health Care with Eastern Medicine for Growth and Development of Socio-Economic Environment” Held on 2nd May 2017 organized by Department of Environmental Sciences, Faculty of Basic and Applied Sciences, International Islamic University, Islamabad.
11. Certificate of Participation and Organizer in awareness seminar on “Crimean Congo Hemorrhagic Fever” on October 27th, 2016 organized by Directorate of Medical Sciences, Government College University Faisalabad.
12. Certificate of Participation in “Medical Relief Camp in Flood Effectuated Areas District Jhang and District Chiniot ” on September 2015 organized by Directorate of Medical Sciences, Government College University Faisalabad.
13. Certificate of Appreciation in “Organizing Blood Donation Campaign” on May 12th, 2015 organized by Sundas Foundation at Government College University Faisalabad-Pakistan.
14. Certificate of Appreciation as Asst. Editor in Publication of “Pakistan Journal of Medical and Biological Sciences (PJMBS)” in Directorate of Medical Sciences, Government College University Faisalabad-Pakistan.

15. Certificate of Appreciation in “Organizing Blood Donation Camp” on April 14th, 2016 organized by Shaukat Khanum Memorial Cancer Hospital & Research Centre at Government College University Faisalabad-Pakistan.
16. Certificate of Appreciation for participation “Oath Taking Ceremony” on November 6th, 2017 organized by Directorate of Medical Sciences, Government College University Faisalabad-Pakistan.
17. Certificate of Oral Presentation in 4th Hamdard International Conference on Unani Medicine-2017 “Unani Medicine: Past, Present, and Future” Held from January 9-11, 2017 at Hamdard University, Madinat al-Hikmah, Karachi Pakistan.
18. Certificate of Participation as Organizer in “Industrial Linkage and Eastern Medicine for the Better Promise of Tomorrow” on May 19th, 2016 organized by Department of Eastern Medicine, Directorate of Medical Sciences, Government College University Faisalabad.
19. Certificate of Oral Presentation in one day workshop in “Clinical Application of Kuliat (Laws of Nature) and Treatment of Hepatitis C with Herbal Medicines” on September 10th, 2014 organized by Faculty of Pharmaceutical Sciences and Department of Eastern Medicine, Directorate of Medical Sciences, Government College University Faisalabad.
20. Certificate of Participation in “Breast Cancer” on October 25th, 2017 organized by Directorate of Medical Sciences, Government College University Faisalabad.
21. Certificate of Participation in International conference on “Major Environmental constraints to Plants: Assessment & Reclamations” on March 28-30, 2016 organized by Department of Botany, Government College University Faisalabad.
22. Certificate of Participation in International conference on “Functional Foods & Nutraceuticals” on March 28-30, 2016 organized by Department of Food Science, Nutrition and Home Economics, Government College University Faisalabad-Pakistan
23. Certificate of Participation in “Breast Cancer” on October 5th, 2016 organized by Directorate of Medical Sciences, Government College University Faisalabad.
24. Present a paper in International Science Conference on “Agriculture and Food Security Issues in Global Environment Perspectives” held on 11-13 July 2012.
25. Present a paper on "Investigations on the inhibitions of Lipoxygenase by some medicinal plants" in the international conference "Expanding the Horizon of Integrated medicine" Held on November 24-26, 2008.
26. Paper is presented on “Treatment of Malaria by Herbal Medicine” organized by Pakistan Tibbi Conference. Held on Friday 14 2010 at Auditorium Chamber of Commerce, Gujramwala, Pakistan.
27. Paper is presented on “Antioxidant Activity of Medicinal Plants” Symposium on Progress of Unani Medicine with Science Technology held on Sunday, March 14, 2010 at Sargodha, Pakistan.
28. Attended in a Seminar on Hepatitis in Hasilpur held on 22nd November 2009 organized by Anjuman-e-Attiba, Hasilpur.
29. Participated in a Symposium on Progress of Unani Medicine with Science and Technology, held on Sunday, March 14, 2010 at Sargodha, organized by Pakistan

30. Association of Eastern Medicine in collaboration with Hamdard University Karachi. Present a paper in Two days National Conference on “Scope and Development of Eastern Medicine in Pakistan held on 12-13 at Ghotvi Hall, Abbadasia Campus, The Islamia University of Bahawalpur.
31. Present a paper in 2nd National Conference on “Future Prospects and Challenges for Natural Medicine in Pakistan held on May 03-04, 2013 at Bahawalpur, Pakistan.

External Examiner:

1. External Examiner in the Islamia University of Bahawalpur from 2007 to till to date for undergraduate students and Post graduate students
2. External Examiner in University of Poonch undergraduate students and Post graduate students.
3. External Examiner in Hamdard University Karachi for Post graduate students.

Role as Co-Supervisor in PhD

No	Student Name	Year	Thesis Title
1	Saeed Ahmad	2014 -continued	Comparative Efficacy of Unani Drug Urinile in Gouty Arthritis (Niqras)

Role as Co-Supervisor in MPhil

No	Student Name	Year	Thesis Status
1	Laiba Kanwal	2015 -2017	Completed
2	Seemab Asghar	2015-2017	Completed
3	Muhammad Sohaib	2016-2018	Completed
4	Faizan Ahmad	2016-2018	Completed
5	Zunera ziulfqare	2018-2020	Under supervision
6	Fatima bilal	2018-2020	Under supervision
7	Muhammad Boota	2019-2021	Under supervision
8	Mustanser Abbas	2019-2021	Under supervision

References:

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