

**Publications- 2012-2017**  
**Department of Pharmacognosy**  
**Faculty of Pharmacy and Pharmaceutical Sciences**  
**University of Karachi**

**2017--- 27 research papers**

1. Sehrish Badar, Shiekh Abdul Khaliq, Danish Raza, Syed Waseemuddin Ahmed, Zafar Alam Mahmood, Iqbal Azhar, Ishrat Younus, Saman Usman. A comprehensive review on occupational asthma, its management and manifestation in miscellaneous industries. *International Journal of Advanced Research and Review*, 2 (12): 25-32, 2017.
2. Sana Sarfaraz, Rahila Najam, Iqbal Azhar, shadab Ahmed and Ghulam Sarwar (2017) Evaluation of hypolipidemic and hepatoprotective effects of ethanolic extract of *Cleoma brachycarpa* on albino rabbits. *Journal of Analytical & Pharmaceutical Research*, (5) 6: 00162, 2017.
3. Farhana Tasleem, Saad Bin Zafar Mahmood, Iqbal Azhar Rubina Gulzar, Faheem Ahmed and Zafar Alam Mahmood. Effect of *Adenanthera pavonina* leaves extracts and  $\beta$ -sitosterol glucoside in CCL<sub>4</sub> induced hepatocellular injury in Wistar rats. *Advancements in Medicinal Plants*, 5 (4): 51-62, 2017.
4. Iqbal Azhar, Ejaz Basheer, Zeeshan Javaid, Kashif Sohail and Mahmood sheikh A review of emerging analytical techniques for standardization of herbal medicinal products. *Acta Poloniae Pharmaceutica*, 74 (5): 1321-1326, 2017.
5. Shahla Imam, Najma Shaheen, Farhana Tsasleem, Iqbal Azhar and Zafar Alam Mahmood. Evaluation of anti-inflammatory and other biological activities of flavonoids based cream formulation for topical application using *invitro* model *International Journal Pharmaceutical Sciences and Research*, 8 (10):1000-1008, 2017.
6. Kanwal Naseer, Rafeeq Alam Khan and Iqbal Azhar. Impact of *Hypnea pannosa* and Lipid Profile J2 (5) *Journal of Complementary Medicine and Alternative Health Care* 2 (5): 1-3, 2017.
7. Nausheen Hameed Siddiqui, Iqbal Azhar, Sheikh Abdul Khaliq and Zafar Alam Mahmood. Scope and evaluation of sapodilla pectin in pharmaceutical solid and liquid oral with special reference to its effects on various physico- medicinal properties up on both solid and liquid dosage form. *Intentional Journal Pharmaceutical Science and Research*, 9 (1) 100-109, 2017.

8. Farhana Tasleem, Saad Bin Zafar, Shahla Imam, Nausheen Hameed, Rashid Jafery, Iqbal Azhar, Zafar Alam Mahmood. Hepatoprotective effect of *Peltophorum pterocarpum* leaves extracts and pure compound against carbon tetra chloride induced liver injury in rats, *Medical Research Archives*, 5 (4): 1-14, 2017.
9. Syed Muzzamil Ahmed, Iqbal Azhar, Nadia Ahmed and Darakhshan Masroor. Pharmacoeconomic evaluation and comparison of licorice (*Glycyrrhiza glabra* L.) with Triaminic DM based therapies for common cold in the city of Karachi: retrospective burden of illness, cost and budget impact analysis *Journal of Pharmacognosy and Phytochemistry* 6 (1): 258-270, 2017.
10. Rifat Roshan, Salman Ahmed and Muhammad Mohtasheemul Hasan. *Arisaema jacquemontii* Blume (Araceae): A review of medicinal uses, phytochemistry and pharmacology. *Journal of Pharmacognosy and Phytochemistry*, 6 (6): 429-432, 2017.
11. Salman Ahmed, Muhammad Mohtasheemul Hasan and Zafar Alam Mahmood. Growth patterns of monosodium urate monohydrate (gouty and urinary) crystals in gel : An *in vitro* study. *Pakistan Journal of Pharmaceutical Sciences*, 30(6): 2101-2108, 2017.
12. Salman Ahmed, Imran Ahsan Mallick and Muhammad Mohtasheemul Hasan. Exploring globally used antiurolithiatic plants of A to L families: Asteraceae, Fabaceae and Lamiaceae revisited. *Journal of Pharmacognosy and Phytochemistry, India*, 6 (5): 1780-1787, 2017.
13. Salman Ahmed and Muhammad Mohtasheemul Hasan. Exploring globally used antiurolithiatic plants of M to R families: Including Myrtaceae, Phyllanthaceae, Piperaceae, Polygonaceae, Rubiaceae and Rutaceae. *Journal of Pharmacognosy and Phytochemistry, India*, 6 (5): 325-335, 2017.
14. Salman Ahmed, Saad Bin Zafar Mahmood, Muhammad Mohtasheemul Hasan and Zafar Alam Mahmood. Essential minerals and phytic acid in legumes with reference to their nutritive and medicinal properties. *Pakistan Journal of Pharmaceutical Sciences*, 30(5): 1733-1742, 2017.
15. Salman Ahmed and Muhammad Mohtasheemul Hasan. A comprehensive glimpse on globally used antiurolithiatic plants of Convolvulaceae, Costaceae, Ebenaceae, Fagaceae, Hypericaceae, Lauraceae, Liliaceae and Lythraceae. *World Journal of Pharmaceutical Research*, 6 (8):224-233, 2017.

16. Salman Ahmed and Muhammad Mohtasheemul Hasan. Antiurolithiatic plants of Acanthaceae, Amaranthaceae, Amaryllidaceae, Anacardiaceae, Apocynaceae, Arecaceae, Asparagaceae, Aspleniaceae, Caesalpiniaceae, Capparidaceae, Caryophyllaceae, Chenopodiaceae, Cucurbitaceae, Cupressaceae, Ericaceae, Equisetaceae. *World Journal of Pharmacy and Pharmaceutical Sciences*, 6 (8):156-182, 2017.
17. Salman Ahmed and Muhammad Mohtasheemul Hasan. A review on globally used antiurolithiatic monoherbal formulations belonging to Boraginaceae, Brassicaceae, Malvaceae and Poaceae families. *World Journal of Pharmacy and Pharmaceutical Sciences*, 6 (8):48-61, 2017.
18. Salman Ahmed and Muhammad Mohtasheemul Hasan. Exploring globally used antiurolithiatic plants of S to Z families: Including Saxifragaceae, Scrophulariaceae, Solanaceae, Urticaceae, Vitaceae, Zingiberaceae and Zygophyllaceae. *Journal of Pharmacognosy and Phytochemistry*, 6 (4): 1430 - 1436, 2017.
19. Salman Ahmed, Syed Muhammad Umer Gilani and Muhammad Mohtasheemul Hasan. Antiurolithiatic potential of globally used medicinal plants belonging to the family Rosaceae. *Journal of Pharmacognosy and Phytochemistry*, 6 (4): 1028-1031, 2017.
20. Salman Ahmed, Muhammad Mohtasheemul Hasan and Zafar Alam Mahmood. Phosphate type kidney stone (brushite) formation in gel: A morphological study on growth patterns to evaluate natural antiurolithiatic drugs. *Journal of Pharmaceutical and Scientific Innovation*, 6 (3): 64-68, 2017.
21. Salman Ahmed, Minhaj Shakoor Khatri and Muhammad Mohtasheemul Hasan. Plants of family Lamiaceae: A promising hand for new antiurolithiatic drug development. *World Journal of Pharmacy and Pharmaceutical Sciences*, 6 (7): 90-96, 2017.
22. Salman Ahmed, Maaz Uddin Ahmed Siddiqui and Muhammad Mohtasheemul Hasan. Globally used antiurolithiatic plants of family Apiaceae. *World Journal of Pharmaceutical Research*, 6 (7): 358-364, 2017.
23. Salman Ahmed, Muhammad Mohtasheemul Hasan and Zafar Alam Mahmood. Antiurolithiatic plants of family Fabaceae: A memoir of mechanism of action, therapeutic spectrum, formulations with doses. *Journal of Pharmacognosy and Phytochemistry*, 6 (3): 592-596, 2017.

24. Salman Ahmed, Muhammad Mohtasheemul Hasan and Zafar Alam Mahmood. Globally used antiurolithiatic plants of family Asteraceae: Historical background, mechanism of action, therapeutic spectrum, formulations with doses. *Journal of Pharmacognosy and Phytochemistry*, 6 (3): 394-402, 2017.
25. Maryam Anis, Salman Ahmed and Muhammad Mohtasheemul Hasan. Algae as nutrition, medicine and cosmetic: The forgotten history, present status and future trends. *World Journal of Pharmacy and Pharmaceutical Sciences*, 6(6): 1934-1959, 2017.
26. Salman Ahmed, Muhammad Mohtasheemul Hasan and Zafar Alam Mahmood. Urolithiasis in gel: an *in vitro* approach for Whewellite growth patterns to evaluate risk factors and management of urinary stones. *Journal of Pharmacognosy and Phytochemistry*, 6(2): 87-91, 2017.
27. Salman Ahmed, Muhammad Mohtasheemul Hasan and Zafar Alam Mahmood. Urolithiasis in gel: Successful journey of an *in vitro* model from vision to reality. *Journal of Pharmacognosy and Phytochemistry*, 6(1): 102-108, 2017.

#### **2016--- 26 research papers**

1. Syed Rashid Ali Jaffary, Syed Waseemuddin Ahmed, Sadia Shakeel, Hafiz Muhammad Asif, Khan Usmanghani. *In vitro* antioxidant and reducing capability of weight loss tablet formulation. *Pakistan Journal of Pharmaceutical Sciences*, 29(5 Suppl): 1749-1753.
2. Syed Rashid Ali Jaffary, Syed Waseemuddin Ahmed, Sadia Shakeel, Hafiz Muhammad Asif, Khan Usmanghani. Evaluation of *in vitro* urease and lipoxygenase inhibition activity of weight reducing tablets. *Pakistan Journal of Pharmaceutical Sciences*, 29(4):1397-1400, 2016.
3. Tanveer Abbas, Faryal Liaquat, Najma Shaheen, Iqbal Azhar and Zafar Alam Mahmood. *In vitro* antibacterial activity of Ethanolic extracts of dietary spices against clinical isolates. *National Journal of Health Sciences*, 1(1):11-16, 2016.
4. Mansoor Ahmad, Faheem Ahmed Siddiqui, Mehjabeen and Noor Jahan. Phytochemical Analysis and evaluation of analgesic and anti-inflammatory properties of *Xanthoxylum fraxineum*. *African Journal of Pharmacy and Pharmacology*, 10(13): 244-249, 2016.

5. Muhammad Asif, Ghazala H. Rizwani, Hina Zahid, Zahid Khan, Rao Qasim. Pharmacognostic studies on *Taxus baccata* L.: A brilliant source of Anti-cancer agents. *Pakistan Journal of Pharmaceutical Sciences*. 29(1): 105-109, 2016.
6. Alya Maimoona, Fareeha Iqbal, Qurat-UI-Ain Syed and Salman Ahmed. Phytochemical analysis and anti-emetic activity of *Illicium verum* Hook. f. fruit by chick emesis model. *Journal of Pharmacognosy and Phytochemistry*, 5(6): 185-188, 2016.
7. Darakhshan Masroor, Rafi Akhtar Sultan, Salman Ahmed and Muhammad Mohtasheemul Hasan. Near infrared spectroscopy of *Cicer arietinum* L., seeds. *Journal of Pharmacognosy and Phytochemistry*, 5(6): 182-184, 2016.
8. Zainish M. Saleem, Salman Ahmed and Muhammad Mohtasheemul Hasan. *Phaseolus vulgaris* Linn: Botany, medicinal uses, phytochemistry and pharmacology. *World Journal of Pharmaceutical Research*, 5(11):1611-1616, 2016.
9. Shoaib Alam, Afshan Siddiq and Muhammad Mohtasheemul Hasan. Hypolipidemic effect of *Phaseolus vulgaris* L. at various doses and its impact on cardiovascular disease. *World Journal of Pharmacy and Pharmaceutical Sciences*, 5(11):163-174, 2016.
10. Syed Muhammad Ali Shah, Khan Usmanghani, Naveed Akhtar, Muhammad Akram, Hafiz Muhammad Asif and Muhammad Mohtasheemul Hasan. 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, 2016.
11. 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. *Pakistan Journal of Pharmaceutical Sciences*, 29(2):529-533, 2016.
12. Zainish M. Saleem, Salman Ahmed and Muhammad Mohtasheemul Hasan. *Phaseolus lunatus* Linn: Botany, medicinal uses, phytochemistry and pharmacology. *World Journal of Pharmacy and Pharmaceutical Sciences*, 5(11):87-93, 2016.
13. Salman Ahmed, Muhammad Mohtasheemul Hasan and Zafar Alam Mahmood. Antirolithiatic plants: Formulations used in different countries and cultures. *Pakistan Journal of Pharmaceutical Sciences*, 29(6):2129-2139, 2016.

14. Salman Ahmed, Muhammad Mohtasheemul Hasan and Zafar Alam Mahmood. Urolithiasis management and treatment: Exploring historical vistas of Greco-Arabic contribution. *Journal of Pharmacognosy and Phytochemistry*, 5(5): 167-178, 2016.
15. Salman Ahmed and Muhammad Mohtasheemul Hasan. Muslim heritage in medicine: A concise review on Greco-Arabic contribution. *Journal of Pharmacognosy and Phytochemistry*, 5(4): 273-283, 2016.
16. Salman Ahmed, Muhammad Mohtasheemul Hasan and Zafar Alam Mahmood. *Macrotyloma uniflorum* (Lam.) Verdc., *Phaseolus lunatus* Linn., and *Phaseolus vulgaris* Linn. seeds: Nature's potential candidates against urolithiasis by virtue of multidimensional pharmacology. *World Journal of Pharmacy and Pharmaceutical Sciences*, 5(8):289-300, 2016.
17. Salman Ahmed, Muhammad Mohtasheemul Hasan and Zafar Alam Mahmood. *In vitro* urolithiasis models: An evaluation of prophylactic management against kidney stones. *Journal of Pharmacognosy and Phytochemistry*, 5(3): 28-35, 2016.
18. Salman Ahmed, Muhammad Mohtasheemul Hasan and Zafar Alam Mahmood. *In vitro* microscopic study of calcium oxalate monohydrate crystals growth patterns. *Journal of Pharmaceutical and Scientific Innovation*, 5(2): 69-73, 2016.
19. Salman Ahmed, Rafi Akhtar Sultan, Muhammad Mohtasheemul Hasan and Zafar Alam Mahmood. Near infra red spectroscopic analysis of *Macrotyloma uniflorum* (Lam.) Verdc., *Phaseolus lunatus* Linn. and *Phaseolus vulgaris* Linn. *Journal of Pharmaceutical and Scientific Innovation*, 5(1):23-26, 2016.
20. Salman Ahmed, Muhammad Mohtasheemul Hasan and Zafar Alam Mahmood. Inhibition and modulation of calcium oxalate monohydrate crystals by phytic acid: An *in vitro* study. *Journal of Pharmacognosy and Phytochemistry*, 5(2): 91-95, 2016.
21. Salman Ahmed, Muhammad Mohtasheemul Hasan and Zafar Alam Mahmood. Antiurolithiatic plants: Multidimensional pharmacology. *Journal of Pharmacognosy and Phytochemistry*, 5(2): 04-24, 2016.
22. Salman Ahmed, Muhammad Mohtasheemul Hasan and Zafar Alam Mahmood. *Macrotyloma uniflorum* (Lam.) Verdc. (Papilionaceae): a review of medicinal uses, phytochemistry and pharmacology. *World Journal of Pharmacy and Pharmaceutical Sciences*, 5(2):51-62, 2016.

23. Salman Ahmed, Muhammad Mohtasheemul Hasan and Zafar Alam Mahmood. Inhibition of calcium oxalate crystals growth by *Macrotyloma uniflorum* (Lam.) Verdc, *Phaseolus lunatus* Linn, and *Phaseolus vulgaris* Linn: An *in vitro* study. *Journal of Pharmacognosy and Phytochemistry*, 5(1): 124-130, 2016.
24. Salman Ahmed, Muhammad Mohtasheemul Hasan and Zafar Alam Mahmood. Antirolithiatic plants in different countries and cultures. *Journal of Pharmacognosy and Phytochemistry*, 5(1): 102-115, 2016.
25. Salman Ahmed and Muhammad Mohtasheemul Hasan. Importance of Herbaria in herbal drug discovery. *World Journal of Pharmaceutical Sciences*, 4(1):127-129, 2016.
26. Salman Ahmed, Muhammad Mohtasheemul Hasan and Zafar Alam Mahmood. *In vitro* microscopic study of calcium hydrogen phosphate dihydrate crystals growth patterns. *World Journal of Pharmaceutical Sciences*,4(1): 64-67, 2016.

#### **2015--- 31 research papers**

1. Najma Shaheen, Iqbal Azhar, Zeb-un-Nisa and Zafar Alam Mahmood. Comparative phytochemical investigations for standardization of some spices available in *Pakistan* . *World Journal of Pharmaceutical Sciences*, 3(8):1496-1506, 2015.
2. Quratulain Munawar, Syed Waseemuddin Ahmed, Zafar Alam Mahmood, Iqbal Azhar and Shazia Qasim Jamsheed. Management of Migraine Headaches in different System of Medicine - A Comparative study. *Journal of Pharmacy and Pharmaceutical Sciences*, 3(1): 23-38, 2015.
3. Nausheen H. Siddiqui, Iqbal Azhar, Omar M. Tarar, Sana Masood and Zafar Alam Mahmood. Influence of pectin concentrations on physicochemical and sensory qualities of jams. *World Journal of Pharmaceutical Sciences*, 4(6): 68-77, 2015.
4. Shahla Imam, Iqbal Azhar and Zafar Alam Mahmood In-vitro evaluation of sun protector factor of a cream formulation prepared from extracts of *Musa accuminata* (L.), *Psidium gujava* (L.) and *Pyrus communis* (L.). *Asian Journal of Pharmaceutical and Clinical Research*, 8 (3):234-237, 2015.
5. Tanveer Abbas, Adil Anwar Bhatti, Asma Saeed, Farhana Tasleem, Iqbal Azhar and Zafar Alam Mahmood In vitro antibacterial activity of Copper / yellow flametree or peelagulmohar (*Peltophorum roxburghii*). *International Journal of Current Research*, 7(4):1434-1439, 2015.

6. Tanveer Abbas, Adil Anwar Bhatti, Asma Saeed Najma Shaheen, Iqbal Azhar and Zafar Alam Mahmood. *In vitro* antibacterial action of native and domestic spices including black cumin, green cardamom and cinnamon (natural antimicrobials). International Journal of Current Research, 7(4):14506-14511, 2015.
7. Shahla Imam, Iqbal Azhar, S. Perveen, S. G. Hussain and Zafar Alam Mahmood. Studies on *In vitro* antioxidant activity and total flavonoid contents of a cream formulation to correlate its Anti-aging effect. World Journal of Pharmaceutical Research, 4(1):1646-1655, 2015.
8. Nasreen Qazi, Rafeeq Alam Khan, Ghazala H Rizwani. Evaluation of antianxiety and antidepressant properties of *Carthamus tinctorius* L. (Safflower) petal extract. Pakistan Journal of Pharmaceutical Sciences. 28(3): 991-995, 2015.
9. Sobia Akram, Rahila Najam, Ghazala H. Rizwani, Syed Atif Abbas. Determination of heavy metal contents by atomic absorption spectroscopy (AAS) in some medicinal plants from Pakistani and Malaysian origin. Pakistan Journal of Pharmaceutical Sciences. 28(5): 1781-1787, 2015.
10. Arfa Kamil, Shamim Akhter, Maryam Ahmed, Ghazala H. Rizwani, Sohail Hassan, Sabahat Naeem, Sarwat Jahan, Raheela Khursheed, Hina Zahid. Antimalarial and insecticidal activities of newly synthesized derivatives of Benzimidazole. Pakistan Journal of Pharmaceutical Sciences. 28(6): 2179-2184, 2015.
11. Farheen Zaheer, Shahnaz Usman, Sakina Fatima and Muhammad Mohtasheemul Hasan. Comparative study of antibiotics for their antimicrobial susceptibility in clinical isolates. International Journal of Pharmaceutical Sciences and Research, 6(2): 630-635, 2015.
12. Salman Ahmed, Muhammad Mohtasheemul Hasan and Zafar Alam Mahmood. *In vitro* microscopic study of mono sodium urate monohydrate crystals growth pattern. Journal of Pharmaceutical and Scientific Innovation, 4(6): 295-297, 2015.
13. Salman Ahmed, Muhammad Mohtasheemul Hasan and Zafar Alam Mahmood. Basic composition and caloric contents of *Macrotyloma uniflorum* (Lam.) Verdc., *Phaseolus lunatus* Linn., and *Phaseolus vulgaris* Linn., legume flours. PHARMANEST - An International Journal of Advances in Pharmaceutical Sciences, 6(5):2984-2987, 2015.



14. Salman Ahmed, Muhammad Mohtasheemul Hasan and Zafar Alam Mahmood . Total, insoluble and soluble dietary fiber contents of *Macrotyloma uniflorum* (Lam.) Verdc., *Phaseolus lunatus* Linn., and *Phaseolus vulgaris* Linn., legume flours. World Journal of Pharmacy and Pharmaceutical Sciences, 4(11):23-30, 2015.
15. Salman Ahmed, Muhammad Mohtasheemul Hasan. Crude drug adulteration: A concise review. World Journal of Pharmacy and Pharmaceutical Sciences, 4(10):274-283, 2015.
16. Salman Ahmed , Muhammad Mohtasheemul Hasan. Standardization of crude drugs: A precise review. World Journal of Pharmaceutical Research, 4(10):155-174, 2015.
17. Salman Ahmed , Muhammad Mohtasheemul Hasan, Zafar Alam Mahmood. Estimation of oxalate contents in *Macrotyloma uniflorum* (Lam.) Verdc., *Phaseolus lunatus* Linn., and *Phaseolus vulgaris* Linn. World Journal of Pharmaceutical Research, 4(10):242-249, 2015.
18. Muhammad Sohail Anwer, Sumbul Shamim, Salman Ahmed, Muhammad Mohtasheemul Hasan and Iqbal Azhar. Hypotensive activity of *Melilotus Officinalis* (L.) Pallas. European Journal of Medicine. Series B, 3(2):80-85,2015.
19. Muhammad Ashraf and Salman Ahmed. Antifungal activity of *Hypnea pannosa* J. AGARDH against *Aspergillus flavus*. International Journal of Phycology and Phychochemistry, 11(1):1-4, 2015.
20. Farhana Tasleem, Salman Ahmed and Iqbal Azhar. Antiemetic activity of bergenin from *Peltophorum roxburghii* L. Indo American Journal of Pharmaceutical Research, 5(2): 760-764, 2015.
21. Farah-Saeed , Mehjabeen , Noor-Jahan , Tao Li , Mansoor Ahmad. *In vivo* studies: Multi-disciplinary action of *Digitalis purpurea* Linn. extract in rabbits. International Journal of Research in Pharmaceutical Sciences, 6(2) 89–99, 2015.
22. Mehjabeen, Farah Saeed, Mansoor Ahmed, Noor Jahan. Evaluation of protective effects of *Apis mellifica* against CCl<sub>4</sub> induced toxicity in rabbits. International Journal Of Toxicological And Pharmacological Research,7(1):128-131, 2015.
23. Farah Saeed, Mehjabeen, Sikandar Khan Sherwani, Noor-Jahan, Mansoor Ahmad. Diuretic & anti-urolithic activity of some crude extracts. International Journal of Pharmacognosy and Phytochemical Research, 7(1): 128-131, 2015.

24. Farah Saeed, Noor Jahan, Mansoor Ahmed, Mehjabeen. Evaluation of neuropharmacological activities *in six homeopathic drugs*. African Journal of Pharmacy and Pharmacology, 9(11): 367-374.
25. Noor Jahan, Mansoor Ahmad, Mehjabeen, Farah-Saeed, Shafi Muhammad, Asif bin Rehman. *In-vitro* intestinal activity of leaves extract of *Dryopteris chrysocoma*. International Journal of Toxicological And Pharmacological Research,7(3):1-5, 2015.
26. Farah Saeed, Mehjabeen, Noor Jahan, Mansoor Ahmed. Hematological, biochemical and histopathological studies of *Cicuta virosa* Linn. extract on Wistar rabbits. International Journal of Pharmaceutical and Phytopharmacological Research,4(4):238-243, 2015.
27. Mehjabeen, Mansoor Ahmad, Noorjahan, Farah Saeed, Asif Bin Rehman. The Role of *Elettaria cardamomum* (L.) Maton in Inflammatory, Gastrointestinal and Stress Disorders. International Journal of Pharmaceutical and Phytopharmacological Research,4(6):302-305, 2015.
28. Mehjabeen , Farah Saeed, Noor Jahan, Mansoor Ahmad. Effects of *A. mellifica* extract on the hematological, biochemical, urine and histo-pathological parameters of white albino rabbits. International Journal of Pharmacy and Pharmaceutical Sciences, 7(5):127-129, 2015.

#### **2014--- 45 research papers**

1. Shazia Qasim Jamshed, Muhammad Atif, Mohammad Jamshed Siddiqui, Iqbal Azhar. What practicing pharmacists think about their role in healthcare: Preliminary findings from Karachi, Pakistan. Archives of Pharmacy Practice 5(3): 132-136, 2014.
2. Afshan Siddiq, Dure-e-Shahnaz Shafi, Rahela Najam, Iqbal Ahzar, Sadia Ghousia Baig (2014) Dose related CNS acting potential of *Tamarindas indica*, *World Journal of Pharmaceutical Sciences*, 2(10):1406-1415, 2014.
3. Nausheen H. Siddiqui, Arshad Arain, Zafar. S. Saify, Iqbal Azhar, Shazia Haider and Zafar A Mahmood. Acute Toxicology and neurobehavioral studies on a new 7- Azaindole Derivative, *World journal Pharmaceutical Research*, 3(5): 77-87, 2014.
4. Farhana Tasleem, Iqbal Azhar, Syed Nawazish Ali, Shaista Perveen, Zafar Alam Mahmood. Analgesic and anti-inflammatory activities of *Piper nigrum* L. *Asian Pacific Journal of Tropical Medicine*, 7(1): S461-S468, 2014.

5. Sana Sarfaraz, Rahila Najam, Iqbal Azhar, Bushra Riaz, Humera Anser. Anxiolytic and CNS depressant effect of *Cleome brachycarpa* revealed after neuropharmacological screening, 2 (7): 605-610, 2014.
6. Muhammad Akram, Khan Usmanghani, Iqbal Ahmed and Iqbal Azhar. Comprehensive Review on Therapeutic Strategies of Gouty Arthritis., Pakistan Journal of Pharmaceutical Sciences. Pakistan Journal of Pharmaceutical Sciences, 27(5): 1575-158, 2014.
7. Rafi Akhtar Sultan, Saad Bin Zafar Mahmood, Iqbal Azhar, Syed Waseemuddin Ahmed, Zafar Alam Mahmood. Biological Activities Assessment of *Centella asiatica* (Linn.) Journal of Herbs, Spices and Medicinal Plants, 20(3): 319-327, 2014.
8. Safia Abidi, Fatima Ramzan Ali, Sheikh Abdul Khaliq, Manzar Raza and Iqbal Azhar. Dental Problems in The Patients of Diabetes Mellitus. International Journal of Pharmacy, 4(1):172-174, 2014.
9. Muhammad Akram, Khan Usmanghani, Iqbal Ahmed, Iqbal Azhar and Abdul Hamid. *In vitro* xanthine oxidase inhibitory and *in vivo* hypouricemic activity of herbal coded formulation (Gouticin). Pakistan Journal of Pharmaceutical Sciences, 27(3): 541-550, 2014.
10. Saeed Ahmed, S. M. Ali Shah, M. Khursheed Alam, Khan Usman ghani and Iqbal Azhar. Antipyretic activity of hydro-alkoholic extracts of *Moringa olifera*. Pakistan Journal of Pharmaceutical Sciences, 24(4): 931-934, 2014.
11. Misbah Zubair, Syed Waseemuddin Ahmed, Salman Ahmed, M. Shaiq Ali and Patricia Akpomedaye Onocha. Analgesic and antiemetic activities of *Ficus exasperata* Vahl., and *Cleome ciliata* Schmach and Thonn. World Journal of Pharmaceutical Research, 3(6):1945-1956, 2014.
12. Salman Ahmed, Muhammad Mohtasheemul Hasan and Syed Waseemuddin Ahmed. Natural antiemetics: An overview. Pakistan Journal of Pharmaceutical Sciences, 27(5) (Special Issue): 1583-1598, 2014.
13. Salman Ahmed, Muhammad Mohtasheemul Hasan. Legumes: an overview. Journal of Pharmacy and Pharmaceutical Sciences, 2(1):34-38 , 2014.
14. Leena Khalid, Ghazala H. Rizwani, Viqar Sultana, Hina Zahid, Raheela Khursheed, Huma Shareef. Antidepressant activity of ethanolic extract of *Hibiscus rosa sinensis* L., Pakistan Journal of Pharmaceutical Sciences, 27(5): 1327-31, 2014.

15. Hina Zahid, Ghazala H. Rizwani and Huma Shareef Standardization of *Hibiscus shizopelatus* (Mast) Hook according to World Health Organization guidelines. *Journal of Medicinal Plant Research*, 8(22): 802-810, 2014.
16. Yusra Shafiq, Baqir S. Naqvi, Ghazala H. Rizwani, Muhammad Usma, Barkat Ali Shah, Muhammad Aslam and Bushra Hina. Anti-acne activity of *Casuarina equisetifolia* bark extract: A randomized clinical trial. *Bangladesh Journal of . Pharmacology*, 9: 337-341, 2014.
17. Bushra Hina, Ghazala H Rizwani and Hina Zahid. Hematological screening of heavy metals among patients of asthma using medicinal herbs in Karachi, Pakistan. *Pakistan Journal of Pharmaceutical Sciences*, 27(6):1899-1904, 2014.
18. Hina Zahid, Ghazala H. Rizwani, Huma Shareef, S. Tahir Ali. Antioxidant and Urease inhibition activity of methanol extract of *Hibiscus schizopetalus*. *Journal of Pharmacognosy and Phytochemistry*, 2(6): 1-5, 2014.
19. Leena Khalid, Ghazala H. Rizwani, Viqar Sultana, Hina Zahid, Raheela Khursheed, Huma Shareef. Antidepressant activity of ethanolic extract of *Hibiscus rosa sinensis* Linn. *Pakistan Journal of Pharmaceutical Sciences* 27(5): 1327-32, 2014.
20. Ghazala H. Rizwani, De Shen Wang, Mansoor Ahmad, Amir Hasan, Zheng Rong Lai, Rui-Hua Xu, Affan Zahid, Zhee-Sheng Chen, Zhi Shi, Najia Masnoor, Huma Shareef, Anticancer activity of various extracts of five traditionally used medicinal plants. *Journal of Cancer Research Updates*, 3: 103-107, 2014.
21. Ambreen Huma, Ghazala H Rizwani, Muhammad Usman, Sumaira Ishaque, Shakeel Ahmed Ansari. Drug development of Herbomineral capsule (ALG-06) used for hypopigmentation especially in vitiligo. *Pakistan Journal of Pharmaceutical Sciences*, 27(5 Spec): 1451-1457, 2014.
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