

**SALMAN AHMED**

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Researcher Info and Profile	
Academia.edu- San Francisco, California	http://karachi.academia.edu/SalmanAhmed
ResearchGate- United States	http://www.researchgate.net/profile/Salman_Ahmed5
Google Scholar	https://scholar.google.com.pk/citations?user=MppjuHAAAAAJ&hl=en
ORCID (Open Researcher and Contributor ID)	ORCID ID: orcid.org/0000-0003-2033-0181 http://orcid.org/0000-0003-2033-0181
PubMed -NCBI	http://www.ncbi.nlm.nih.gov/myncbi/salman.ahmed.1/cv/25972/
Scopus	Scopus Author ID: 56532555500 http://www.scopus.com/authid/detail.url?authorId=56532555500
Researcher ID- Thomson Reuters	Researcher ID: B-8789-2015 http://www.researcherid.com/rid/B-8789-2015
LiveDNA	LiveDNA: 92.11143 http://livedna.org/92.11143

ACADEMIC QUALIFICATIONS

- **M.Phil.** (Pharmacognosy) C.GPR = 3.80; University of Karachi (2010).
- **B.Pharm.** C.GPR = 3.15; University of Karachi (2004).
- **D.H.M.S.**, Mohammadi Homoeopathic Medical College, Malir, Karachi, (2010).
- **H.S.S.C.** 1st Division , B-Grade; Govt Science College Malir Cantt, Karachi (1997).
- **S.S.C.** 1st Division, A-1 Grade; Govt Boys Secondary School # 02 (1995).



CURRENT STATUS

- Lecturer in (BPS-18) Department of Pharmacognosy, Faculty of Pharmacy and Pharmaceutical Sciences, University of Karachi from 21-01-2013 to date.
- Ph.D Fellow, Department of Pharmacognosy, Faculty of Pharmacy and Pharmaceutical Sciences, University of Karachi, Pakistan from 2011 to date.

PROFESSIONAL EXPERIENCE

- 2005-2009
As an Officer Production Searle Pakistan Ltd. in Solid manufacturing area from 04-04-2005 to 09-10-2009.
- 2005
Management Trainee as Granulation Technician from 16-12-2004 to 15-03-2005 in Searle Pakistan Ltd.
- 2004
Management Trainee as Q.A. Inspector in PharmEvo (Pvt.) Ltd. from 17-09-2004 to 10-12-2004.
Internship in Helix Pharma (Pvt.) Ltd from 06-06-2004 to 20-07-2004.

PROFESSIONAL STATUS

- Registered Pharmacist, Pharmacy Council of Sindh, Karachi, Pakistan (Registration No. 2688).
- Registered Homoeopath Doctor, National Council for Homoeopathy, Islamabad, Pakistan (Registration No.131059).
- Life member, The Chemical Society of Pakistan, Islamabad, Pakistan (Registration No. S0387).
- Life member, Pakistan Botanical Society (PBS), Karachi, Pakistan.
- Life Fellow, Zoological Society of Pakistan (ZSP), Punjab, Pakistan (ZSP # 77).
- Global Outreach Contribution Member, American Society for Microbiology (ASM), Washington. (ASM Member # : 54253189).
- Member, National Academy of Young Scientists (NAYS) Pakistan.



- Annual member, University of Karachi Alumni, Karachi, Pakistan (Registration No. 079).
- Member, Karachi University Pharmacy Alumini, Karachi, Pakistan (Membership No.KUPA-04005).

ADMINISTRATIVE RESPONSIBILITIES

- Member Quality Enhancement Cell Committee, Faculty of Pharmacy and Pharmaceutical Sciences, University of Karachi from May 05, 2016 to date.
- Member Board of Studies in Pharmacognosy, Faculty of Pharmacy, University of Karachi from March 28, 2014 to date.
- Member Board of Faculty, Faculty of Pharmacy and Pharmaceutical Sciences, University of Karachi from January 21, 2013 to January 21, 2016.
- Member Industrial visit, internship and training committee, Faculty of Pharmacy and Pharmaceutical Sciences, University of Karachi from February 02, 2017 to date.

AWARDS

- Nishan-e-Zafar (an award of University of Karachi for Meritorious services in Education and Research) for the year 2013-2014.

http://www.researchgate.net/publication/268389305_NISHAN-E-ZAFAR

PARTICIPATION

INVITED REFEREE / REVIEWER (03)

- RADS- Journal of Pharmacy and Pharmaceutical Sciences (JPPS), Pakistan. August 2017.

https://www.researchgate.net/publication/318861915_RADS-Journal_of_Pharmacy_and_Pharmaceutical_Sciences_JPPS-Reviewer_Certificate-August_2017



- **Jordan Journal of Biological Sciences (JJBS), Jordan. June, 2015.**
https://www.researchgate.net/publication/277588623_Jordan_Journal_of_Biological_Sciences_%28JJBS%29_-_Reviewer_Certificate-June_2015
- **Journal of Medicinal plant Research (JMPR), Nigeria. July, 2014.**
https://www.researchgate.net/publication/263651483_Reviewer_Certificate

MEMBER EDITORIAL BOARDS (01)

- Member International Advisory Board of **PHARMANEST - An International Journal of Advances in Pharmaceutical Sciences**, India since November, 2015. <http://www.pharmanest.net/editorial-board.php>

INVITED LECTURES (03)

- **Salman Ahmed**, invited speaker of "Ethnopharmacology - The Science behind herbal medicine discovery from ancient wisdom" in Biological session of 4th International Conference on Environmental Horizon - Valuing and Conserving Nature (ICEH-2016), January 08-10, 2016, Karachi. Jointly organized by Department of Chemistry and International Center for Chemical and Biological Sciences, University of Karachi.
https://www.researchgate.net/publication/290605245_Ethnopharmacology_The_Science_behind_herbal_medicine_discovery_from_ancient_wisdom
- **Salman Ahmed**, invited speaker of "Herbal Medicine - leaf to drug molecule" one day seminar, September 16, 2015, Karachi. Organized by Department of Botany, Jinnah University for Women, Karachi, Karachi, Pakistan.
https://www.researchgate.net/publication/283461098_Memory_of_Second_invited_lecture---Sep-2015_%281%29
- **Salman Ahmed**, invited speaker of "Ethnopharmacology- Drug discovery from treasure house of ancient wisdom" delivered in Symposium on World Diabetes Day "Role of Ethnopharmacology in metabolic disorders", November 18, 2014, Karachi. Organized by Phytopharmacology and Biotechnology Research Laboratory, Department of Biochemistry, University of Karachi, Karachi, Pakistan.
https://www.researchgate.net/publication/268446534_Ethnopharmacology-Drug_Discovery_from_Treasure_House_of_Ancient_Wisdom



ORAL PRESENTATION (01)

- **Salman Ahmed**, Muhammad Mohtasheem-ul-Hasan, M. Shaiq Ali and Iqbal Azhar. Antiemetic activity of *Iyengaria stellata* and *Valoniopsis pachynema* in chicks. 2nd National Phycological Conference on “Algae for Mankind”, October 15-17, 2012, Karachi. Organized by Department of Botany, University of Karachi, Karachi.

POSTER PRESENTATION (08)

- **Salman Ahmed**, Muhammad Mohtasheemul Hasan and Zafar Alam Mahmood. Total, insoluble and soluble dietary fiber contents of three Pakistani legume flours. 4th International Conference on Environmental Horizon - Valuing and Conserving Nature (ICEH-2016), January 08-10, 2016, Karachi. Jointly organized by Department of Chemistry and International Center for Chemical and Biological Sciences, University of Karachi.
- **Salman Ahmed**, Muhammad Mohtasheemul Hasan and Zafar Alam Mahmood. "Total, insoluble and soluble oxalate contents of three Pakistani legume flours". 4th Pak-France Bi-national workshop on drug discovery and molecular medicine, October 12-14, 2015, Karachi. Jointly organized by Dr. Panjwani Center for Molecular Medicine and Drug Research (International Center for Chemical and Biological Sciences, University of Karachi, Karachi) and Embassy of Republic of France, Islamabad, Pakistan.
- Muhammad Sohail Anwer, Sumbul Shamim, **Salman Ahmed**, Mohammad Mohtasheemul Hasan and Iqbal Azhar. Hypotensive activity of *Melilotus officinalis* (L.) PALLAS. Third Hamdard International Unani Medicine Conference on “Unani Medicine: Education and research issues, prospects and challenges (HUCON-2013)”, February 25-27, 2013. Organized by Hamdard University, Faculty of Eastern Medicine, Hamdard University, Karachi- 74600, Pakistan.
- Najma Shaheen, **Salman Ahmed**, Iqbal Azhar and M. Mohtasheem. Analgesic activity on two Cleome species. 10th International and 22nd National Chemistry Conference, November 21-23, 2011. Organized by Department of Chemistry and Biochemistry, University of Agriculture, Faisalabad-Pakistan.
- Kanwal Waseem, **Salman Ahmed**, M. Mohtasheemul Hasan, Syed Waseemuddin Ahmed and Iqbal Azhar. Analgesic activity of *Luffa cylindrica*. Symposium cum Workshop on Tools in Biomedical Research (Golden Jubilee Celebration Series), March 01-03, 2011. Organized by Department of Biochemistry, University of Karachi.



- Kanwal Waseem, M. Mohtasheemul Hasan, **Salman Ahmed**, Syed Waseemuddin Ahmed and Iqbal Azhar. Anti-inflammatory activity of *Luffa cylindrica*. 1st International Conference of Chemistry and its role in Science (ICCRS-1), January 3-5, 2011, Karachi. Organized by Department of Chemistry, Jinnah University for Woman, Karachi.
- **Salman Ahmed**, Iqbal Azhar, M. Mohtasheemul Hasan and Syed Waseemuddin Ahmed. "Anti-emetic activity of six aromatic medicinal plants by using chick emetic model". 1st International Symposium on Nanomedicine: Past, Present & Future Prospects, December 20-21, 2010, Karachi. Jointly organized by H.E.J. Research Institute of Chemistry, University of Karachi, Karachi and The Center of Nanoscale Science Technology, University of Illinois at Urbana-Champaign, USA.
- Iqbal Azhar, M. Mohtasheemul Hasan, **Salman Ahmed**, Affan Zahid and Rabail Zahid. "Anti-emetic activity of some aromatic medicinal plants". 12th International Symposium on Natural Product Chemistry, November 22 – 25, 2010, Karachi. Organized by H. E. J. Research Institute of Chemistry, University of Karachi, Karachi.

INTERNATIONALLY RECOGNISED ONLINE COURSES (02)

(Total Credit Hours: 02)

- "Clinically Relevant Herb-Drug Interactions: Past, Present, and Future-National Center for Complementary and Alternative Medicine", under the program of Online Continuing Education Series conducted by National Center for Complementary and Integrative Health, U.S. National Institutes of Health (NIH). Lecturer: Bill J. Gurley, Ph.D. Professor in the Department of Pharmaceutical Sciences and director of the Clinical Pharmacokinetics Laboratory at the University of Arkansas for Medical Sciences College of Pharmacy, course completion March 06, 2015 **(Credit hour:01)**.
- "Integrative Medicine-National Center for Complementary and Alternative Medicine", under the program of Online Continuing Education Series conducted by National Center for Complementary and Integrative Health, U.S. National Institutes of Health (NIH). Lecturer: Ralph Snyderman, M.D. James B. Duke Professor of Medicine in the Duke University School of Medicine, course completion March 06, 2015 **(Credit hour: 01)**.



PUBLICATIONS

BOOKS (05)

Publications (Books) - 2014

1. **Salman Ahmed.** *Tithonia diversifolia* (Hemsl.) A. Gray: Ethnopharmacology, biological and phytochemical investigation. (ISBN: 978-3-659-11057-3). LAP LAMBERT Academic Publishing, Omniscryptom GmbH & Co. KG, Heinrich-Bocking-Str.6-8, 66121 Saabrucken Deutschland / Germany [Pages, 64](#) , (2014).

Publications (Books) - 2013

2. **Salman Ahmed,** Sohail Anwer and Iqbal Azhar. *Melilotus officinalis* (L.) Pallas: Ethnopharmacology, biological and phytochemical investigation. (ISBN: 978-3-659-49132-0). LAP LAMBERT Academic Publishing, Omniscryptom GmbH & Co. KG, Heinrich-Bocking-Str.6-8, 66121 Saabrucken Deutschland / Germany. [Pages, 104](#) , (2013).
3. **Salman Ahmed.** *Ficus exasperata* and *Cleome ciliata*: ethnopharmacology, biological and phytochemical investigation (ISBN: 978-3-659-43611-6). LAP LAMBERT Academic Publishing, AV Akademikeverlag GmbH & Co. KG, Heinrich-Bocking-Str.6-8, 66121 Saabrucken Deutschland / Germany. [Pages, 112](#), (2013).
4. **Salman Ahmed,** Farhana Tasleem and Iqbal Azhar. *Samanea saman* and *Prosopis cineraria*: Traditional use- biological and phytochemical investigation (ISBN: 978-3-659-36955-1). LAP LAMBERT Academic Publishing, AV Akademikeverlag GmbH & Co. KG, Heinrich-Bocking-Str.6-8,66121 Saabrucken Deutschland / Germany. [Pages, 52](#) (2013).

Publications (Books) - 2011

5. M. Mohtasheem ul Hasan, **Salman Ahmed** and S. Waseemuddin Ahmed. Genera *Phoenix*, *Castanospermum* and *Cordia*: Traditional use- biological and phytochemical investigation (ISBN: 978-3-845-47720-6). LAP LAMBERT Academic Publishing GmbH & Co. KG, Dudweiler Landstraße 99 , 66123 Saarbrücken, Germany. [Pages, 156](#) (2011).



RESEARCH PAPERS (71)

International (59) ; National (12)

Total Impact Factor (IF) = 5.638

Publications (Research papers) - 2018

1. Syeda Anum Fatima, Sadia Ghouisia Baig, Muhammad Mohtasheem ul Hasan, **Salman Ahmed** and Salma. Analgesic and anti-inflammatory activities of fixed oil of *Macrotyloma uniflorum* (Lam.) Verdc. in mice and rats. Pakistan Journal of Pharmaceutical Sciences, 31(2): 581-585, 2018 (**IF = 0.649**).
2. Darakhshan Masroor, Sadia Ghouisia Baig, **Salman Ahmed**, Syed Muzzammil Ahmad and Muhammad Mohtasheem ul Hasan. Analgesic, anti-inflammatory and diuretic activities of *Cicer arietinum* L.. Pakistan Journal of Pharmaceutical Sciences, 31(2): 553-558, 2018 (**IF = 0.649**).

Publications (Research papers) - 2017

3. 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, India, 6 (6): 429-432, 2017.
4. 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 (**IF = 0.649**).
5. 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.
6. 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.
7. 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 (**IF = 0.649**).



8. 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, Bulgaria*, 6 (8):224-233, 2017.
9. 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, Bulgaria*, 6 (8):156-182, 2017.
10. 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, Bulgaria*, 6 (8):48-61, 2017.
11. 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, India*, 6 (4): 1430 -1436, 2017.
12. 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, India*, 6 (4): 1028-1031, 2017.
13. 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, India*, 6 (3): 64-68, 2017.
14. 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, Bulgaria*, 6 (7): 90-96, 2017.
15. Salman Ahmed, Maaz Uddin Ahmed Siddiqui and Muhammad Mohtasheemul Hasan. Globally used antiurolithiatic plants of family Apiaceae. *World Journal of Pharmaceutical Research, Bulgaria*, 6 (7): 358-364, 2017.
16. 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, India*, 6 (3): 592-596, 2017.



17. 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, India*, 6 (3): 394-402, 2017.
18. 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, Bulgaria*, 6(6): 1934-1959, 2017.
19. 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, India*, 6(2): 87-91, 2017.
20. 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, India*, 6(1): 102-108, 2017.

Publications (Research papers) - 2016

21. 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, India*, 5(6): 185-188, 2016.
22. Darakhshan Masroor, Rafi Akhtar Sultan, Salman Ahmed and Muhammad Mohtasheemul Hasan. Near infrared spectroscopy of *Cicer arietinum* L., seeds. *Journal of Pharmacognosy and Phytochemistry, India*, 5(6): 182-184, 2016.
23. Zainish M. Saleem, Salman Ahmed and Muhammad Mohtasheemul Hasan. *Phaseolus vulgaris* Linn: Botany, medicinal uses, phytochemistry and pharmacology. *World Journal of Pharmaceutical Research, Bulgaria*, 5(11):1611-1616, 2016.
24. 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, Bulgaria*, 5(11):87-93, 2016.
25. Salman Ahmed, Muhammad Mohtasheemul Hasan and Zafar Alam Mahmood. Antiurolithiatic plants: Formulations used in different countries and cultures. *Pakistan Journal of Pharmaceutical Sciences*, 29(6):2129-2139, 2016 (IF = 0.581).



26. 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, India*, 5(5): 167-178, 2016.
27. Salman Ahmed and Muhammad Mohtasheemul Hasan. Muslim heritage in medicine: A concise review on Greco-Arabic contribution. *Journal of Pharmacognosy and Phytochemistry, India*, 5(4): 273-283, 2016.
28. 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, Bulgaria*, 5(8):289-300, 2016.
29. 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, India*, 5(3): 28-35, 2016.
30. 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, India*, 5(2): 69-73, 2016.
31. 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, India*, 5(1):23-26, 2016.
32. 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, India*, 5(2): 91-95, 2016.
33. Salman Ahmed, Muhammad Mohtasheemul Hasan and Zafar Alam Mahmood. Antirolithiatic plants: Multidimensional pharmacology. *Journal of Pharmacognosy and Phytochemistry, India*, 5(2): 04-24, 2016.
34. 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, Bulgaria*, 5(2):51-62, 2016.
35. 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, India*, 5(1): 124-130, 2016.



36. Salman Ahmed, Muhammad Mohtasheemul Hasan and Zafar Alam Mahmood. Antiuro lithiatic plants in different countries and cultures. Journal of Pharmacognosy and Phytochemistry, India, 5(1): 102-115, 2016.
37. Salman Ahmed and Muhammad Mohtasheemul Hasan. Importance of Herbaria in herbal drug discovery. World Journal of Pharmaceutical Sciences, India,4(1):127-129, 2016.
38. 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, India,4(1): 64-67, 2016.

Publications (Research papers) - 2015

39. 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, India, 4(6): 295-297, 2015.
40. 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, India,6(5):2984-2987, 2015.
41. 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, Bulgaria, 4(11):23-30, 2015.
42. Salman Ahmed and Muhammad Mohtasheemul Hasan. Crude drug adulteration: a concise review. World Journal of Pharmacy and Pharmaceutical Sciences, Bulgaria, 4(10):274-283, 2015.
43. Salman Ahmed and Muhammad Mohtasheemul Hasan. Standardization of crude drugs: a precise review. World Journal of Pharmaceutical Research, Bulgaria, 4(10):155-174, 2015.
44. Salman Ahmed , Muhammad Mohtasheemul Hasan and Zafar Alam Mahmood. Estimation of oxalate contents in *Macrotyloma uniflorum* (Lam.) Verdc., *Phaseolus lunatus* Linn., and *Phaseolus vulgaris* Linn. World Journal of Pharmaceutical Research, Bulgaria, 4(10):242-249, 2015.



45. 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, Russian Federation, 3(2):80-85, 2015.
46. Muhammad Ashraf and Salman Ahmed. Antifungal activity of *Hypnea pannosa* J. AGARDH against *Aspergillus flavus*. International Journal of Phycology and Phycochemistry, Pakistan, 11(1):1-4, 2015.
47. Farhana Tasleem, Salman Ahmed and Iqbal Azhar. Antiemetic activity of bergenin from *Peltophorum roxburghii* L. Indo American Journal of Pharmaceutical Research, India, 5(2): 760-764, 2015.

Publications (Research papers) - 2014

48. 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, Bulgaria, 3(6):1945-1956, 2014.
49. 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 (IF = 0.682).
50. Salman Ahmed and Muhammad Mohtasheemul Hasan. Legumes: an overview. RADS - Journal of Pharmacy and Pharmaceutical Sciences, Pakistan, 2(1):34-38, 2014.

Publications (Research papers) - 2013

51. Muhammad Ashraf and Salman Ahmed. Antifungal activity of *Hypnea pannosa* J. AGARDH. International Journal of Phycology and Phycochemistry, Pakistan, 9(1):53-56, 2013.
52. Salman Ahmed and Patricia Akpomedaye Onocha. Antiemetic activity of *Tithonia diversifolia* (HEMSL.) A. Gray leaves in copper sulfate induced chick emesis model. American Journal of Phytomedicine and Clinical Therapeutics. Florida, U.S.A., 1(9):734-739, 2013.
53. Kanwal Waseem Khan, Syed Waseemuddin Ahmed and Salman Ahmed. Analgesic activity of leaves, flowers and fruit peel of *Luffa cylindrica* (L.) ROEM. Pharmanest - An International Journal of Advances in Pharmaceutical Sciences, India, 4(6):1401-1408, 2013.



54. Kanwal Waseem Khan, Syed Waseemuddin Ahmed, Salman Ahmed and Mohammad Mohtasheemul Hasan. Anti-emetic and anti-inflammatory activity of fruit peel of *Luffa cylindrica* (L.) ROEM. Asian Journal of Natural & Applied Sciences, Japan, 2(2):75-80 , 2013.
55. Salman Ahmed and Patricia Akpomedaye Onocha. Anti-emetic activity of root extract of *Acalypha ornata* Hochst. Pharmanest - An International Journal of Advances in Pharmaceutical Sciences, India, 4(3):448-452 , 2013.
56. Salman Ahmed, Muhammad Mohtasheemul Hasan, Syed Waseemuddin Ahmed, Zafar Alam Mahmood, Iqbal Azhar and Solomon Habtemariam. Anti-emetic effects of bioactive natural products. Phytopharmacology - International Journal of Phytotherapeutics & Bioactive Natural Products, U.K. 4(2): 390-433 , 2013.
57. Muhammad Nadeem Ahmed and Salman Ahmed. Anti-Emetic activity of *Cleome brachycarpa* Vahl ., and *Cleome viscosa* L., (leaves) in chicks. Universal Journal of Pharmacy, India, 2(1):96-99 , 2013.
58. Syed Muzammil Ahmed, Farhana Tasleem and Salman Ahmed. Analgesic activity of leaves extracts of *Samanea saman* Merr., and *Prosopis cineraria* Druce. International Research Journal of Pharmacy, India, 4(1):93-95, 2013.
59. Kanwal Waseem Khan, Syed Waseemuddin Ahmed, Salman Ahmed and Mohammad Mohtasheemul Hasan. Antiemetic and Anti-inflammatory activity of leaves and flower extracts of *Luffa cylindrica* (L.) Roem. The Journal of Ethnobiology and Traditional Medicine, Photon, 118:258-263 ,2013.
60. Najma Shaheen, Salman Ahmed, Iqbal Azhar, Muhammad Mohtasheemul Hasan. Analgesic, anti-inflammatory and antiemetic activities of *Cleome scaposa* DC. Phytopharmacology - International Journal of Phytotherapeutics & Bioactive Natural Products, UK, 4(1):106-113 , 2013.

Publications (Research papers) - 2012

61. Salman Ahmed, Muhammad Mohtasheem-ul-Hasan, M. Shaiq Ali and Iqbal Azhar. Antiemetic activity of *Iyengaria stellata* and *Valoniopsis pachynema* in chicks. International Journal of Phycology and Phycochemistry, Pakistan, 8(2): 127-132 , 2012.
62. Rafi Akhtar Sultan, Zafar Alam Mahmood, Iqbal Azhar, Muhammad Mohtasheem ul Hasan, Salman Ahmed. Pharmacognostic and preliminary phytochemical investigation of aerial parts of *Centella asiatica* Linn. International Journal of Phytomedicine, India, 4(1): 125-133 , 2012.



63. Tehseen Quds, Salman Ahmed, Muhammad Shaiq Ali, Patricia Akpomedaye Onocha, Iqbal Azhar. Antiemetic activity of *Acalypha fimbriata* Schumach. & Thonn., *Acalypha ornata* Hochst., and *Acalypha wilkesiana* cv. *godseffiana* Muell Arg. *Phytopharmacology - International Journal of Phytotherapeutics & Bioactive Natural Products*, UK, 3(2): 335-340, 2012.
64. Salman Ahmed, Affan Zahid, Safia Abidi and Sadia Meer. Anti-emetic activity of four species of genus *Cassia* in chicks. *IOSR Journal of Pharmacy*, India, 2(3):380-384, 2012.
65. Salman Ahmed, Toseef Sabzwari, Muhammad Mohtasheemul Hasan and Iqbal Azhar. Antiemetic activity of leaves extracts of five Leguminous plants. *International Journal of Research in Ayurveda and Pharmacy*, India, 3(2):251-253, 3(2):251-253, 2012.
66. Syed Muzammil Ahmed, Salman Ahmed, Farhana Tasleem, Muhammad Mohtasheemul Hasan and Iqbal Azhar. Acute systemic toxicity of four Mimosaceae plants leaves in mice. *IOSR Journal of Pharmacy*, India, 2(2): 291-295, 2012.
67. Zafar Alam Mahmood, Salman Ahmed, Syed Waseemuddin Ahmed and Muhammad Mohtasheemul Hasan. Insecticidal activity of *Castanospermum australe* against stored grain pest *Callosobruchus analis*. *IOSR Journal of Pharmacy*, India, 2(2):189-191, 2012.
68. Muhammad Mohtasheemul Hasan, Iqbal Azhar, S. Muzammil, Salman Ahmed and Syed Waseemuddin Ahmed. Anti-emetic activity of some Leguminous plants. *Pakistan Journal of Botany*, 44(1):389-391, 2012 (IF = 0.872).
69. Muhammad Mohtasheemul Hasan, Salman Ahmed, Ziauddin Ahmed and Iqbal Azhar. Anti-emetic activity of some aromatic plants. *Journal of Pharmaceutical and Scientific Innovation*, India, 1(1):47-49, 2012.

Publications (Research papers) - 2011

70. Salman Ahmed, Burhan Qureshi, Muhammad Mohtasheemul Hasan, Syed Waseemuddin Ahmed and Iqbal Azhar. Toxicity assessment of *Mucuna pruriens* Linn seeds. *International Research Journal of Pharmacy*, India, 2(11):133-135, 2011.
71. Salman Ahmed, Munnawar Sultana, Muhammad Mohtasheemul Hasan and Iqbal Azhar. Analgesic and Antiemetic Activity of *Cleome viscosa* L. *Pakistan Journal of Botany*, 43 (SI): 119-122, 2011 (IF = 0.907).

