

MUHAMMAD MOHTASHEEMUL HASAN

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ACADEMIC QUALIFICATIONS

Ph. D. Department of Pharmacognosy, University of Karachi, 2009.

M. Phil. Department of Pharmacognosy, University of Karachi 2000.

B. Pharm. Faculty of Pharmacy, University of Karachi 1993 with CGPR 3.298.

PROFESSIONAL EXPERIENCE

1. Chairman, Department of Pharmacognosy from 25th March 2015 to date.
2. Associate Professor, Department of Pharmacognosy, Faculty of Pharmacy and Pharmaceutical Sciences, University of Karachi, from May 19, 2011 to date.
3. Assistant Professor in Department of Pharmacognosy, Faculty of Pharmacy and Pharmaceutical Sciences, University of Karachi, from March 17, 2009 to May 18, 2011.
4. Lecturer, Department of Pharmacognosy, Faculty of Pharmacy and Pharmaceutical Sciences, University of Karachi from February 10, 2006 to March 16, 2009.

5. Visiting lecturer of Pharmacognosy in Faculty of Pharmacy, Hamdard University from April 12, 2005 to January 31, 2006.
6. Research Associate, Hamdard Institute of Advanced Studies and Research (Bait -al- Hikmah Research Institute) Hamdard University, Karachi from September 16, 1999 to February 13, 2006.
7. Quality Assurance Officer, B. Braun Pakistan (Pvt) Ltd. from March 08, 1999 to May 31, 1999.
8. Analyst in ARDIN Pharmaceutical (Pvt) Ltd. Karachi, from March 22, 1997 to March 06, 1999.
9. Trainee Pharmacist in W. Woodward Pakistan (Pvt) Ltd. Karachi from April 03, 1994 to June 26, 1994.

PROFESSIONAL STATUS

- * Registered Pharmacist, Pharmacy Council of Sindh, Registration No., 1600.

MEMBERSHIP

- * The Chemical Society of Pakistan (Membership No. S0261).
- * Life member, Pakistan Botanical Society (PBS), Pakistan.
- * Global Outreach Member, American Society for Microbiology, Washington.
- * Life-Fellow, Zoological Society of Pakistan (ZSP # 81).
- * Karachi University Pharmacy Alumini, Karachi, Pakistan (KUPA-93002).

ADMINISTRATIVE RESPONSIBILITIES

- Member Selection Committee for the appointment of Clinical Coordinator in Faculty of Pharmacy & Pharmaceutical Sciences from February 16, 2016 to date.

- Member Vigilance Committee (Examinations) from January 15, 2013 for the year 2012-2013.
- Member Board of Studies of Department of Pharmacognosy, Faculty of Pharmacy, Ziauddin University from May 16, 2016 to date.
- Member Board of Studies of Dow College of Pharmacy from 29th July, 2017 to date.
- Member Scholarship Award Committee, University of Karachi from 2016 to date.
- Co-patron of Pharmacy Literary Club, Faculty of Pharmacy, University of Karachi from March 21, 2014 to date.
- Working as Tabulator in Semester Examination Section, University of Karachi, from August 2008 to date.
- Member Class Room Maintenance Committee, Faculty of Pharmacy, University of Karachi from August 16, 2007 to July, 2009.
- Incharge Garden Committee, Faculty of Pharmacy, University of Karachi from August 16, 2007 to July, 2009.
- Member Board of Studies, Department of Pharmacognosy, Faculty of Pharmacy, University of Karachi , from February 2006 to date.
- Member Board of Faculty, Faculty of Pharmacy, University of Karachi, February 2006 to date.
- Member Organizing Committee of First one day seminar on “Herbs, Medicine and Therapeutics” March 29, 1997, jointly organized by Pakistan Society of Pharmacognosy and Department of Pharmacognosy , Faculty of Pharmacy , University of Karachi.

RESEARCH SUPERVISED

M.Phil:

1. Salman Ahmed, Chemical and biological studies on some species of genus *Cordia* (2010).

2. Javed Asharaf, Biological studies on *Macrotyloma uniflorum* and *Phaseolus vulgaris* (2014).
3. Maryam Anis, Chemical and pharmacological studies on *Ulva fasciata* Delile (2017).
4. Zainish M. Saleem, Comparative pharmacological studies on *Phaseolus* species (2017).
5. Darakshan Masroor, Chemical and pharmacological studies on *Cicer arietinum* Linn (2017).
6. Nimrah Mazhar (In process).
7. Maaz uddin Ahmed (In process).
8. Syed Muhammad Umer Gilani (In process).

Ph.D:

1. Salman Ahmed (In process).

PUBLICATIONS

BOOKS

1. Monographs of Unani Medicine, Vol 1, Compiled / Edited by A Saeed, H. H. Ahmed, H. S. Ahmed, M. A. Rizvi, **M. Mohtasheem**, H. Bano and F. Mazhar. A joint Publication of Bait-al-Hikmah Hamdard University, Hamdard Foundation Pakistan and Drug Control and Traditional medicine Division, National Institute of Health, Islamabad (2003).
2. **M. Mohtasheem ul Hasan** , Salman Ahmed and S.Waseemuddin Ahmed. Genera *Phoenix*, *Castanospermum* And *Cordia*: Traditional Use- Biological And Phytochemical Investigation. LAP LAMBERT Academic Publishing GmbH & Co. KG, Dudweiler Landstraße 99 , 66123 Saarbrücken, Germany (2011).
ISBN-10: 3845477202, ISBN-13: 978-3845477206 .

RESEARCH PAPERS

1. Syeda Anum Fatima, Sadia Ghousia 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 Ghousia 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).
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, 6 (6): 429-432, 2017. (India)
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, 6 (5): 1780-1787, 2017. (India)
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, 6 (5): 325-335, 2017. (India)
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, 6 (8):224-233, 2017. (Bulgaria)
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, 6 (8):156-182, 2017. (Bulgaria)

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*, 6 (8):48-61, 2017. (Bulgaria)
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*, 6 (4): 1430 - 1436, 2017. (India)
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*, 6 (4): 1028-1031, 2017. (India)
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*, 6 (3): 64-68, 2017. (India)
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*, 6 (7): 90-96, 2017. (Bulgaria)
15. 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. (Bulgaria)
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. (India)
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*, 6 (3): 394-402, 2017. (India)
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, 6(2): 87-91, 2017. (India)
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, 6(1): 102-108, 2017. (India)
21. 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. (India)
22. 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. (Bulgaria)
23. 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. (Bulgaria)
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, 5(11):87-93, 2016. (Bulgaria)
25. 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 (IF = 0.682). (Pakistan)
26. 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 (IF = 0.682). (Pakistan)
27. Salman Ahmed and **Muhammad Mohtasheemul Hasan**. Urolithiasis management and treatment: Exploring historical vistas of Greco-arabic

- contribution. Journal of Pharmacognosy and Phytochemistry, 5(5): 167-178, 2016. (India)
28. 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. (India)
29. 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. (Bulgaria)
30. 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. (India)
31. Salman Ahmed, **Muhammad Mohtasheemul Hasan** and Zafar Alam Mahmood. *In vitro* microscopic study of calcium oxalate monohydrate crystals growth pattern. Journal of Pharmaceutical and Scientific Innovation, 5(2): 69-73, 2016. (India)
32. 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. (India)
33. 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 Pharmaceutical Sciences, 29(2): 529-533, 2016. (IF=0.682) (Pakistan)
34. 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. (India)
35. Salman Ahmed, **Muhammad Mohtasheemul Hasan** and Zafar Alam Mahmood. Antiurolithiatic plants: Multidimensional pharmacology. Journal of Pharmacognosy and Phytochemistry, 5(2): 04-24, 2016. (India)
36. 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. (Bulgaria)

37. 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. (India)
38. Salman Ahmed, **Muhammad Mohtasheemul Hasan** and Zafar Alam Mahmood. Antiurolithiatic plants in different countries and cultures. Journal of Pharmacognosy and Phytochemistry, 5(1): 102-115, 2016. (India)
39. Salman Ahmed and **Muhammad Mohtasheemul Hasan**. Importance of Herbaria in herbal drug discovery. World Journal of Pharmaceutical Sciences, 4(1):127-129, 2016. (India)
40. 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. (India)
41. 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. (India)
42. 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. (India)
43. 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. (Bulgaria)
44. Salman Ahmed, **Muhammad Mohtasheemul Hasan**. Crude drug adulteration: a concise review. World Journal of Pharmacy and Pharmaceutical Sciences, 4(10):274-283, 2015. (Bulgaria)
45. Salman Ahmed , **Muhammad Mohtasheemul Hasan**. Standardization of crude drugs: a precise review. World Journal of Pharmaceutical Research, 4(10):155-174, 2015. (Bulgaria)
46. 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. (Bulgaria)

47. Muhammad Sohail Anwer, Sumbul Shamim, Salman Ahmed, **Muhammad Mohtasheemul Hasan**, Iqbal Azhar. Hypotensive activity of *Melilotus Officinalis* (L.) Pallas. European Journal of Medicine. Series B, 3(2):80-85, 2015. (Russian Federation).
48. 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.
49. Salman Ahmed, **Muhammad Mohtasheemul Hasan**, Syed Waseemuddin Ahmed. Natural antiemetics: An overview. Pakistan Journal of Pharmaceutical Sciences. 27(5)(Special Issue):1583-1598, 2014(**IF = 0.95**). (Pakistan)
50. Salman Ahmed, **Muhammad Mohtasheemul Hasan**. Legumes: an overview. Journal of Pharmacy and Pharmaceutical Sciences, 2(1):34-38, 2014. (Pakistan)
51. Najma Shaheen, Salman Ahmed, Iqbal Azhar, **Muhammad Mohtasheemul Hasan**. Analgesic, anti-inflammatory and antiemetic activities of *Cleome scaposa* DC. Phytopharmacology, 4(1):106-113, 2013.(U.K.)
52. Kanwal Waseem Khan, Syed Waseemuddin Ahmed, Salman Ahmed, **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.(India)
53. Salman Ahmed, **Muhammad Mohtasheemul Hasan**, Syed Waseemuddin Ahmed, Zafar Alam Mahmood, Iqbal Azhar, Solomon Habtemariam. Anti-emetic effects of bioactive natural products. Phytopharmacology, 4(2), 390-433, 2013. (U.K.)
54. Kanwal Waseem Khan, Syed Waseemuddin Ahmed, Salman Ahmed, **Muhammad 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. (Japan).
55. **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=0.907**) (Pakistan)
56. **Muhammad Mohtasheemul Hasan**, Salman Ahmed, Ziauddin Ahmed, Iqbal Azhar. Anti-emetic Activity of Some Aromatic Plants. Journal of Pharmaceutical and Scientific Innovation, 1(1): 47-49, 2012.(India)

57. 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, 2(2):189-191, 2012.(India)
58. 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, 3(2): 251-253, 2012.(India)
59. Syed Muzammil Ahmed, Salman Ahmed, Farhana Tasleem, **Muhammad Mohtasheemul Hasan** and Iqbal Azhar. Acute systemic toxicity of four Mimosaceous plants leaves in mice. IOSR Journal of Pharmacy, 2(2):291-295, 2012.(India)
60. Rafi Akhtar Sultan, Zafar Alam Mahmood, Iqbal Azhar, **Muhammad Mohtasheem ul Hasan** and, Salman Ahmed. Pharmacognostic and preliminary phytochemical investigation of aerial parts of *Centella asiatica* linn. International Journal of Phytomedicine, 4(1): 125-133, 2012. (India)
61. Salman Ahmed, **Muhammad Mohtasheemul Hasan**, M. Shaiq Ali, Iqbal Azhar. Antiemetic activity of *Iyengaria stellata* and *Valoniopsis pachynema* in chicks. International Journal of Phycology and Phycochemistry, 8(2):127-132, 2012. (Pakistan)
62. Farah Mazhar, **M. Mohtasheemul Hasan**, Iqbal Azhar, M. Shaiq Ali, Misbah Zubair, Rabail Zahid, Muhammad Akram. Some Biological Studies on *Hypnea pannosa* J. Ag. African Journal of Biotechnology, 10(61):13313-13317, 2011.(IF=0.573) (Nigeria)
63. Salman Ahmed, Munnawar Sultana, **Muhammad Mohtasheemul Hasan**, Iqbal Azhar. Analgesic and antiemetic activity of *Cleome viscosa* L. Pakistan Journal of Botany, Special Issue 43:119-122, 2011. (IF= 0.947) (Pakistan)
64. Salman Ahmed, Burhan Qureshi, **Muhammad Mohtasheemul Hasan**, Syed Waseemuddin Ahmed and Iqbal Azhar. Toxicity assessment of *Mucuna pruriens* Linn. Seed. International Research Journal of Pharmacy, 2(11):133-135, 2011. (India)
65. **M. Mohtasheem**, S.W. Ahmed, I. Azhar and H. Bano. Phytoconstituents isolated from *Phoenix sylvestris* Roxb., Journal of Basic and Applied Sciences, 6(1): 17-22, 2010. (Pakistan)
66. Zafar Alam Mahmood, Syed Waseemuddin Ahmed, Husan Bano, Mohammad Sualeh, **M. Mohtasheemul Hasan** and Ghulam Sarwar. *In vitro* activity of Some plant extract against *Plasmodium falciparum*. Proceedings of Parasitology, 49: 65-69, 2010. (Pakistan)

67. Zafar Alam Mahmood, Husan Bano, Syed Waseemuddin Ahmed, Mohammad Sualeh, Shabana Usman Simjee, **Mohtasheemul Hasan**, Iqbal Azhar and Saad Bin Zafar Mahmood. *In vitro* Leishmanicidal activity of Some plant extracts against *Leishmania Major*. Proceedings of Parasitology, 50: 43-51, 2010. (Pakistan)
68. I. Azhar, **M. Mohtasheem**, F. Mazhar and M. S. Ali. Some Biological evaluation on *Samanea saman*, Pakistan Journal of Pharmacology, 26(1): 47-53, 2009. (Pakistan)
69. Z. A. Mahmood, S. M. Zoha, U. G. Khan, **M. Mohtasheem**, O. Ali, S. Jahan, A. Saeed, R. Zahid and M. Zubair. *Kohl (Surma)*: Retrospect and prospect, Pakistan Journal of Pharmaceutical Sciences, 22(1): 107-122, 2009. (IF=0.825) (Pakistan)
70. M. Suhail Anwer, **M. Mohtasheem**, I. Azhar, S. W. Ahmed and H. Bano. Chemical constituents from *Melilotus officinalis*, Journal of Basic and Applied Sciences, 4(2): 89-94, 2008. (Pakistan)
71. S. Imam, I. Azhar, **M. Mohtasheem**, M. S. Ali and S. W. Ahmed. Two Triterpenes lupanone and lupeol isolated and identified from *Tamarindus indica* L., Pakistan Journal of Pharmaceutical Sciences, 20(2): 125-127, 2007.
72. **M. Mohtasheem**, S.W.Ahmed, I.Azhar, H.Bano, V.U.Ahmed and M.S.Ali. Biological activity and phytochemistry of *Phoenix* species, Hamdard Medicus, Vol.XVIII (3):11-19, 2005. (Pakistan)
73. A.Shadmani, I. Azhar, F. Mazhar, **M. Mohtasheem**, S. Waseemuddin Ahmed, I. Ahmed, K. U. Ghani and S. Shamim. Kinetic studies on *Zingiber officinale*, Pakistan Journal of Pharmaceutical Sciences, 17(1): 47-54, 2004. (Pakistan)
74. **M. Mohtasheem**, S. Waseemuddin Ahmed, K. Usmanghani, I. Azhar, V.U. Ahmed and M. Shaiq Ali. Genus *Cordia*, Hamdard Medicus, Vol. XLVI, No. 2: 16-24, 2003. (Pakistan)
75. S. Shamim, S. Waseemuddin Ahmed, I. Azhar, **M. Mohtasheem** and H. Bano. Superficial Mycosis in Sind region, Pakistan Journal of Pharmacology, 20(2): 27-35, 2003. (Pakistan)
76. Rahmatullah Qureshi, G. Raza Bhatti, Aftab Saeed and **M. Mohtasheem**. Medicinal Plants of Capparidaceae family growing around Madinat-al-Hikmah, Hamdard Medicus, Vol. XLVI, No. 4: 12-21, 2003. (Pakistan)
77. **M. Mohtasheem**, S. Waseemuddin Ahmed, I. Azhar and M. Shaiq Ali. Brine Shrimp bioassay of *Phoenix sylvestris*, Pakistan Journal of Pharmaceutical Sciences, 14 (2):19-21, 2001. (Pakistan)