

Iqbal Azhar Ph.D., R. Ph.

Professor & Dean

Faculty of Pharmacy & Pharmaceutical Sciences
Editor in Chief, Pakistan Journal of Pharmaceutical Sciences
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PERSONAL INFORMATION

Father's Name : Dr. Qazi Azhar-ul-Hassan

Date of Birth : 16th January 1965

Marital Status : Married

ACADEMIC QUALIFICATIONS

Ph.D. : Department of Pharmacognosy, Faculty of Pharmacy,
University of Karachi, 2000
M.Pharm. : Department of Pharmacognosy, Faculty of Pharmacy,
University of Karachi, 1992
B.Pharm. : Faculty of Pharmacy, University of Karachi, 1990

DISSERTATIONS

Ph.D. : Chemical and Biological Studies on Medicinal
Leguminaces.
M. Pharm. : Constituents of *Sapindus mukorossi* Gaertn.
Zygodhylum propinquum Decne. and *Laurencia
obtusum* Lamour.

Ph.D. and M. Pharm. Supervisor

Prof. Dr. Usman Ghani Khan

Visiting Professor, Faculty of Pharmacy, Jinnah University for Women Karachi, Pakistan.

PROFESSIONAL STATUS

Registered Pharmacist
(Reg. 1409 Register "A" Pharmacy Council of Sindh, Pakistan)

TEACHING AND RESEARCH EXPERIENCE

2011- present : Professor
2005 – 2011 : Associate Professor
2000 - 2005 : Assistant Professor
1994 - 2000 : Lecturer
1993 - 1994 : Cooperative Teacher

RESEARCH INTERESTS

Phytopharmaceuticals, Nutraceuticals, Cosmeceuticals, Pharmacognostic Studies, Biological and Chemical Studies on Terrestrial and Marine Sources.

RESEARCH PROJECT:

Synthesis of various derivatives of ursolic acid and betuline acid to evaluate their pharmacological potential and applications in medicine.
(No. PM-/HRD/HEC/2011/2765

RESEARCH STUDENTS SUPERVISED

Ph. D.	Name	Title	Year
1.	S. Muzzammil Ahmad	Pharmacoeconomic Evaluations of Herbal Therapies for Major Diseases in Karachi.	Submitted
2.	Najma Shaheen	Pharmacognostic and Chemical Studies on Spices available in Pakistan Market to ascertain their Folk Use and Standardization.	2017
3.	Nousheen H. Siddiqui	Studies on Production of Pectine from Fruit Waste Available in Pakistan. Its Bio-Characterization and Utilization in the Development of Pharmaceutical and Food Products.	2017
4.	Farhana Tasleem	Biological Analysis on Phytopharmaceuticals	2016
5.	Shehla Imam	Studies on Flavonoids some Seasonal Fruits and Topical Formulations Design for Correlation of their Usefulness in the Management of Personal Care Problems.	2016
6.	Rafi Akhtar Sultan	Pharmacognostic Studies on <i>Centella asiatica</i>	2013
M. Phil.			
1	Sara Naqvi	Determination of the Flavonoids content of some seasonal Fruits and Assessment of their Role in the management of Cardio-Vascular Disease Risk.	2017
2	Samana Zehra	Strategies to Minimize Herbal and Over-the-Counter Drugs Associated Risk	2017
3	Asma Masood	Pharmacological Evaluation on <i>Tithonia diversifolia</i> and <i>Skimmia laureda</i>	2013
4	Tehseen Quds	Biological Studies on Some Species of the Genus <i>Acalypha</i> .	2009
5	Najma Shaheen	Biological Studies on <i>Cleome brachycarpa</i> and <i>Cleome scaposa</i> .	2009
6	Shahla Imam	Phytochemical and Pharmacological Investigations on <i>Tamarindus indica</i> and <i>Cassia absus</i>	2008
7	M. Ashraf	Chemical and Biological Studies on <i>Samanea saman</i> and a Marine Red Alga <i>Hypne pannosa</i>	2006
8	Sohail Anwar	Biological and Chemical Studies on <i>Melilotus officinalis</i>	2005

RESEARCH STUDENTS SUPERVISED

M. Pharm.			
S#	Name	Title	Year
1	Noshaba Shaheen	Herbal Drugs: An Approach Towards Diabetes Management	2012
2	Faiza Qamar Siddiqui	Anti-emetic study on some Natural Sources	2011
3	Munawar Sultana	Biochemical Studies on <i>Cleome viscosa</i>	2011
4	Samreen Hasan	Researches on Methods Used for Analysis of Triterpenes	2010
5	Safia Abidi	Dental Problem in Diabetic Patients (A Survey Based Study).	2010
6	Nosheen Hameed Siddiqui	Toxicological and Neurobehavioral Studies on 3-(N-methyl 3 piperidyl) 7 Azo Indole compound.	2010
7	Affan Zahid	Antiemetic Study on Aromatic Herbs.	2009
8	Tayyaba Tahira	<i>Triterpenes</i> from Iranian Motherwort	2009
9	Zia uddin Ahmed	Antiemetic Study on Some Terrestrial and Marine Sources	2008
10	M. Nadeem Ahmed	Pharmacological Studies on Two Nigerian Medical Plants	2007
11	Touseef Subzwari	Comparative Pharmacological Studies on Two Nigerian Medicinal Plants	2007
12	S. Muzzammil Ahmed	Assessment of Market Chemistry and Pharmacology of Some Medicinal Herbs.	2007
13	Saleem	Chemical and Pharmacological Studies on <i>Tamarindus indica</i>	2006

RESEARCH STUDENTS ENROLLED

Ph.D.	06
M. Phil.	03

PROFESSIONAL MEMBERSHIPS

- Life Member Pakistan Pharmacist Association
- Life Member, Pakistan Pharmacological Society
- Life Member Chemical Society of Pakistan

ADMINISTRATIVE RESPONSIBILITIES AND EXPERIENCES

- Chairman, Department of Pharmacognosy, Faculty of Pharmacy & Pharmaceutical Sciences, University of Karachi 2009-2012.
- Associate Editor Pakistan Journal of Pharmaceutical Sciences. (2007-2010).

- Member, Board of Faculty, Faculty of Pharmacy & Pharmaceutical Sciences, University of Karachi.
- Member Board of Studies Jinnah University for Women, Nazimabad Karachi.
- Member Pharm-D. Curricula Committee, Faculty of Pharmacy & Pharmaceutical Sciences, University of Karachi
- Internal Tabulator in Semester Cell, nominated by the Faculty of Pharmacy & Pharmaceutical Sciences, University of Karachi (2000-2009).
- Coordinator, Seminar Committee, Faculty of Pharmacy & Pharmaceutical Sciences, University of Karachi (2007-2015).
- Programe Coordinator, University of Sains Malaysia and Faculty of Pharmacy & Pharmaceutical Sciences, University of Karachi.(2008-2010)
- Programe Coordinator, Faculty of Pharmacy University of Karachi and Pharm Evo (Pvt.) Ltd. Career Counseling Services at Faculty of Pharmacy & Pharmaceutical Sciences, University of Karachi (2010-2015).
- Assistant Students Advisor, University of Karachi 31-3-2001 to 20-10-2001
- Incharge, Official Magazine, FARMACIA, official magazine of the Faculty of Pharmacy, University of Karachi from 2001 to 2002.

LECTURES PRESENTED

1. Academic Industry Collaboration

Post graduate Research Symposium for Prospective Graduate Students & Enrolled Research Fellows held on 23rd June, 2014, Organized by Office of Research & Innovation & Commercialization, University of Karachi.

2. Natural Products in Drug Discovery

April 27-30, 2017 1st International Conference on new horizons in drug discovery and pharmaceutical sciences.

Organized by: Department of Pharmaceutical Sciences, Abbottabad University of Science & Technology, Havelian Abbottabad.

3. Searching the Oceans for the New Products

18th July, 2017 Arts auditorium, University of Karachi Organized by Office of Research Innovation & Commercialization, University of Karachi.

Ethical Consideration in Pharmaceutical Settings

Fifth – ICLS KIBGE Conference on “Responsible Conduct of Science: Ethical Concern in Medical and Pharmaceutical Practice and Research” May 20-22, 2017, Organized by Dr. A.Q. Khan Institute of biotechnology and Genetic Engineering (KIBGE), University of Karachi.

4. Recent Trends in Alternative Medicine: Herbal and Other Natural Products

06th July, 2017, Arts Auditorium, University of Karachi. Organized by Department of Biochemistry In collaboration with Department of Food Sciences & Technology.

5. Blue Ocean Leadership and Public Sector Universities

7th October, 2017 Institute of Business Managements.

6. Career opportunities for Pharmacist National Practice

PUBLICATIONS

BOOKS

Complementary and Alternative Medicine, Research Institute of Indusyunic Medicine, A-592, Block-N, North Nazimabad, Karachi-74000, Pakistan (2005), ISBN: 969-8678-04-2

Spices as Medicine, Research Institute of Indusyunic Medicine, A-592, Block-N, North Nazimabad, Karachi-74000, Pakistan (2003), ISBN: 969-8678-02-6

Essential Oils, Research Institute of Indusyunic Medicine, A-592, Block-N, North Nazimabad, Karachi-74000, Pakistan, (2002), ISBN: 969-404-017-5

Tannins: Their Chemistry and Bio-activity, B.C.C. & T Press Chapter in Book (University of Karachi, 1997) ISBN: 969-404-028-0

Chapter in Book:

Kohl Use in Antiquity Effect on the Eye. Chapter 7 History of Toxicology and Environmental Health: Toxicology in Antiquity II, Philip Wexler (Editor) Academic press (2014) ISBN 0128015063 / 9780128015063

E-Books:

Title *Melilotus officinalis* Pallas
Authors [Ahmed Salman](#), [Anwer Sohail](#), [Azhar Iqbal](#)
Publisher LAP Lambert Academic Publishing, 2013
ISBN 3659491322, 9783659491320

Title *Samanea saman* and *Prosopis cineraria*
Authors [Salman Ahmed](#), [Farhana Tasleem](#), [Iqbal Azhar](#)
Publisher LAP Lambert Academic Publishing, 2013
ISBN 3659369551, 9783659369551

RESEARCH PAPERS

1. Nausheen Hameed Siddiqui, **Iqbal Azhar**, Muhammad Shaiq Ali and Zafar Alam Mahmood (2018) Physio-Mechanical Impact on Yield of Pectin Extracted From Relatively Three New Sources *Pakistan Journal of Botany* **50** (1): 251-257.
2. Najma Shaheen, Shahlla Imam, Safia Abidi, Rafi Akhtar Sultan, **Iqbal Azhar**, and Zafar Alam Mahmood (2018) Comparative Pharmacognostic Evaluation and Standardization of *Capsicum annum* L (Red Chili), *International Journal of Pharmaceutical Sciences and Research* **9** (7): 1000-15.

3. Sehrish Badar, Shiekh Abdul Khaliq, Danish Raza, Syed Waseemuddin Ahmed, Zafar Alam Mahmood, **Iqbal Azhar**, Ishrat Younus, Saman Usman (2017) A Comprehensive Review on Occupational Asthma, Its Management and Manifestation in Miscellaneous Industries. *International Journal of Advanced Research and Review* **2** (12) : 25-32.
4. 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.
5. Farhana Tasleem, Saad Bin Zafar Mahmood, **Iqbal Azhar** Rubina Gulzar, Faheem Ahmed and Zafar Alam Mahmood (2017) effect of *Aden anther pavonina* leaves extracts and β -sitosterol glucoside in CCL₄ induced hepatocellular injury in Wistar rats *Advancements in Medicinal Plants* **5** (4) 51-62.
6. **Iqbal Azhar**, Ejaz Basheer, Zeeshan Javaid, Kashif Sohail and Mahmood sheikh (2017) A review of emerging analytical Techniques for standardization of Herbal Medicinal Products *Acta Poloniae Pharmaceutica Drug Research* **74** (5) 1321-1326.
7. Shahlla Imam, Najma Shaheen, Farhana Tsasleem, **Iqbal Azhar** and Zafar Alam Mahmood (2017) Evaluation of anti-inflammatory and other biological activities of flavonoids based cream formulation for topical application using *invitro* model *International Journal Pharma Science & Research* **8** (10)1000-08.
8. Kanwal Naseer, Rafeeq Alam Khan and **Iqbal Azhar** (2017) Impact of *Hypnea pannosa* and Lipid Profile **J2** (5) *Journal of Complementary Medicine and Alternative Health Care* MS. ID 555598,1-3
9. Nausheen Hameed Siddiqui, **Iqbal Azhar**, Sheikh Abdul Khaliq and Zafar Alam Mahmood (2017) 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 Pharma Science & Res.* **9** (1) 100-09
10. Farhana Tasleem, Saad Bin Zafar, Shahla Imam, Nausheen Hameed, Rashid Jafery, **Iqbal Azhar**, Zafar Alam Mahmood (2017) 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.
11. Syed Muzzamil Ahmed, **Iqbal Azhar**, Nadia Ahmed and Syeda Darakhshan Masroor (2017) 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.
12. Tanveer Abbas, Faryal Liaquat, Najma Shaheen, **Iqbal Azhar** and Zafar Alam (2016) *Invitro* Antibacterial Activity of Ethanolic Extracts of Dietary spices Against Clinical Isolate, *National Journal of Health Sciences* **1** (1) 11-16.
13. Najma Shaheen, **Iqbal Azhar**, Zeb- un- Nisa and Zafar Alam Mahmood (2015) Comparative phytochemical investigations for standardization of some spices available in *Pakistan World Journal of Pharmaceutical Sciences* **3** (8) 1496-1506

14. Muhammad Sohail Anwer, Sumbul Shamim, Salman Ahmed, Mohammad Mohtasheem ul Hasan, **Iqbal Azhar**, (2015) Hypotensive activity of *Melilotus officinalis* (L.) Pallas *Russian Federation European Journal of Medicine. Series B* **3** IS. 2, 80-85
15. Quratulain Munawar, Syed Waseemuddin Ahmed, Zafar Alam Mahmood, **Iqbal Azhar** and Shazia Qasim Jamsheed (2015) Management of Migraine Headaches indifferent System of Medicine- A Comparative study, *Journal of Pharmacy and Pharmaceutical Sciences* **3** (1) 23-38
16. Nausheen H. Siddiqui, **Iqbal Azhar**, Omar M. Tarar, Sana Masood Zafar Alam Mahmood (2015) Influence of pectin concentrations on physicochemical and sensory qualities of jams *World Journal of Pharmaceutical Sciences* **4** (6) 68-77.
17. Shahlla Imam, **Iqbal Azhar** , Zafar Alam Mahmood (2015) 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 J. Pharm. Clin. Res.* **8** (3) 234-237.
18. Tanveer Abbas, Adil Anwar Bhatti, Asma Saeed, Farhana Tasleem **Iqbal Azhar** and Zafar Alam Mahmood (2015) Invitro antibacterial activity of Copper / yellow flametree or peelagulmohar (*Peltophorum roxburghii*) *Int. J. Curr. Res.* **7** (4) 1434-1439
19. Tanveer Abbas, Adil Anwar Bhatti, Asma Saeed Najma Shaheen, **Iqbal Azhar** and Zafar Alam Mahmood (2015) *Invitro* antibacterial action of native and domestic spices including black cumin, green cardamom and cinnamon (natural antimicrobials) *Int. J. Curr. Res.* **7** (4) 14506-14511,
20. Farhana Tasleem, Salman Ahmed, **Iqbal Azhar** (2015) Antiemetic Activity of bergentin form *Peltophorum roxburtghii* L. *Indo American Journal of Pharma. Res.* **5** (2) 760-764
21. S. Imam, **Iqbal Azhar**, S. Perveen , S. G. Hussain and Z. A. Mahmood (2015) Studies on *Invitro* 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
22. Shazia Qasim Jamshed, Muhammad Atif, Mohammad Jamshed Siddiqui, **Iqbal Azhar** (2014) What practicing pharmacists think about their role in healthcare: Preliminary findings from Karachi, Pakistan, *Archives of Pharmacy Practice* **5** (3) 132-136
23. Afshan Siddiq, Dure-e-Shahnaz Shafi, Rahela Najam, **Iqbal Ahzar** (2014), Sadia Ghouisia Baig (2014) Dose related CNS acting potential of *Tamarindas Indica*, *World Journal of Pharmaceutical Sciences* **2** (10) 1406-1415
24. Nausheen H. Siddiqui, Arshad Arain, Zafar. S. Saify, **Iqbal Azhar**, Shazia Haider and Zafar A Mahmood (2014). Acute Toxicology and neurobehavioral studies on a new 7-Azaindole Derivative, *World Journal Pharmaceutical Research* **3** (5): 77-87

25. Farhana Tasleem, **Iqbal Azhar**, Syed Nawazish Ali, Shaista Perveen, Zafar Alam Mahmood (2014) Analgesic and anti-inflammatory activities of *Piper nigrum* L. Asian Pacific Journal of Tropical Medicine **7** Supplement 1: S461-S468
26. Sana Sarfaraz, Rahila Najam, **Iqbal Azhar**, Bushra Riaz, Humera Anser (2014). Anxiolytic and CNS depressant effect of *Cleome brachycarpa* revealed after neuropharmacological screening, World Journal of Pharmaceutical Sciences **2** (7) 605-610
27. Muhammad Akram, Khan Usmanghani, Iqbal Ahmed and **Iqbal Azhar**. (2014) Comprehensive Review on Threapeutic Strategies of Gouty Arthritis, Pak. J. Pharm. Sci., **27**, 5: 1575-158
28. Sultan, Rafi Akhtar; Mahmood, Saad Bin Zafar, **Iqbal Azhar**, Ahmed, Syed Waseemuddin; Mahmood, Zafar Alam. (2014) Biological Activities Assessment of *Centella asiatica* (Linn.) Journal of Herbs, Spices & Medicinal Plants, **20** (3) 319-327
29. Safia Abidi, Fatima Ramzan Ali, Sheikh Abdul Khaliq, Manzar Raza, **Iqbal Azhar** (2014). Dental Problems in The Patients of Diabetes Mellitus, Int. J. Phamracy **4** (1): 172-174
30. Muhammad Akram, Khan Usmanghani, Iqbal Ahmed, **Iqbal Azhar** and Abdul Hamid (2014). *Invitro* xanthine oxidase inhibitory and *invivo* hypouricemic activity of herbal coded formulation (Gouticin)., Pak. J. Pharm. Sci., **27** (3): 541-550
31. Saeed Ahmed, S. M. Ali Shah, M. Khursheed Alam, Khan Usman ghani, **Iqbal Azhar** (2014) Antipyretic activity of hydro-alkoholic extracts of *Moringa olifera* Pakistan Journal of Pharmaceutical Sciences **24** (4) 931-934
32. Nuzhat Sultana, **Iqbal Azhar**, Amina Kabir (2013). Experimental Evaluation of ethnoI extract of Curcuma Caesia Roxb. on locomotor and learning behavior., Int. J. Bio. Res., **1** (2): 123-127
33. Fatima Ramzan Ali, Sheikh Abdul Khaliq, Samana Zehra, Hina A. Khan, **Iqbal Azhar** (2013). Knowledge and Perception of Undergraduate Students about Generic Drugs and Their Attitude towards Generic Substitution in Karachi, Pakistan, Int J. Pharm **3**(4): 689-691
34. Nuzhat Sultana, **Iqbal Azhar** (2013). Anti-Anxiety like effect of *Mucuna pruriens* Linn. tested in prodents., Universal Journal of Pharmacy **2**(04) 55-61
35. Nuzhat Sultana, Rafeeq Alam Khan, **Iqbal Azhar** (2013). Analgesic and Anti-Inflammatory activity by methanol extract of *Mucuna pruriens* (L.) DC., Int. J. Res. **1** (6), 69-73
36. Nuzhat Sultana, Rafeeq Alam Khan, **Iqbal Azhar** (2013). Anti-tussive effect and gross toxicities of methanol extract of *Mucuna pruriens* (l) dc in comparison of codeine phosphate Int. Res. J. Pharm. **4** (6), 62-65
37. S. Ahmed, M. M. Hasan , S. Waseemuddin Ahmed , Z.A.Mahmood , **Iqbal Azhar** ,Solomon Habtemariam (2013). Anti-emetic effects of bioactive natural products.,(Review) Phytopharmacology, **4**(2), 390-433

38. B. Riaz, R. Najam, **Iqbal Azhar** and S. S. Khan (2013). Hematopoietic effects of the brown algae *Iyengaria stellata* in albano rabbits., *J. Pharmacy Research* 7 (9) 214-218.
39. Salman Ahmed, Muhammad Mohtasheem-ul-Hasan, M. Shaiq Ali & **Iqbal Azhar** (2012) Antiemetic Activity of *Iyengaria stellata* and *Valoniopsis pachynema* in chicks. *Int. J. Phycol. Phycochem.* 8 (2): 127-132
40. Rafi Akhtar Sultana, Zafar Alam Mahmood, **Iqbal Azhar**, Muhammad Mohatasheemul Hasan, Salman Ahmed (2012). Pharmacognostic and Preliminary Phytochemical investigation of aerial parts of centella asiatica. *Int. Journal of Phytomedicine* 4 (1) 125-133
41. R. Bushra, N. Rahila, **Iqbal Azhar**, *G.Somia* (2013) *Nuropharmacological Screening of the Iyengaria stellata* Reavaleld its Memory Boosting, Anxiolytic and Antidepressant Effect *International Research Journal of Pharmacy* 3 (10) 90-94
42. Jamshed SQ, Siddiqui MJ, Rajiah K, **Iqbal Azhar** (2012) Counseling of Patients by Pharmacy Attendants In Karachi Pakistan: Findings from A Pilot Study *Research Social and Administrative Pharmacy* 8 e57
43. Fozia Israr, Fouzia Hassan, Baqir Shyum Naqvi, **Iqbal Azhar**, Sabahat Jabeen and Syed Mohammad Farid Hasan (2012). Studies on antibacterial activity of some traditional medicinal plants used in folk medicine. *Pak. J. Pharm. Sci.* 25 (3) 669-674.
44. Tehseen Quds, Salman Ahmed, Muhammad Shaiq Ali, Patricia Akpomedaye Onocha, **Iqbal Azhar** (2012). Antiemetic Activity of *Acalypha wilkesiana* cv. *Godseffiana* Muell Arg. *Phytopharmacology*, 3 (2) 335-340
45. Ahmed Salman, Sabzwari Toseef, Hasan Mohammad Mohtasheemul, **Azhar Iqbal** (2012). Antiemetic Activity of Leaves Extracts of Five Leguminous Plants. *International Journal of Ayurveda & Pharmacy.* 3 (2), 251-253.
46. Syed Muzammil, Salman Ahmed, Farhana Tasleem, Muhammad Mohtasheem ul Hasan, **Iqbal Azhar** (2012). Acute Systemic Toxicity of Four Mimosaceous Plants Leaves In Mice. *IOSR J. of Pharmacy* 2(2) 291-295
47. M.M. Akram, M. Saim Jamil, Zahid Mehmood, Khan Usmanghani, Iqbal Azhar, Muhammad Akram, H.M. Asif and Umar Iqbal (2012). Autoimmune Diseases and immunomodulant plant. *J. of Medicinal Plants Research* 6 (7) 1100-1105.
48. Muhammad Mohtasheemul Hasan, **Iqbal Azhar**, S. Muzammil, Salman Ahmed and Syed Waseemuddin Ahmed (2012). Anti- Emetic Activity of some Leguminous plants. *Pak. J. Bot.*, 44 (1) 389-391.
49. Salman Ahmed, Munnawar Sultana, Muhammad Mohtsheem ul Hasan and **Iqbal Azhar** (2011). Analgesic and Antiemetic Activity of *Cleome viscosa* L. *Pak. J. Bot.*, 43: 119-122
50. M. Mohtasheemul Hasan, A. Salman, A.Ziauddin, **Iqbal Azhar** (2012). Antiemetic Activity of some Aromatic Plants. *J. Pharm. Sci. Innov.* 1(1) 47-49

51. S.Q. Jamshed O. Rehman, M. Hassali, **Iqbal Azhar** (2011) Do Pharmacy Studies in Paksitan understand the concept of cancer? *International Journal Clinical Pharmacy* **33** (4) 714.
52. Salman Ahmed, Burhan Qureshi, Muhammad Mohtasheemul Hasan, Syed Waseemuddin Ahmed and **Iqbal Azhar** (2011). Toxicity assessment of *Mucuna pruriens* Linn seeds. *International Research Journal of Pharmacy*, **2** (11):133-135.
53. R. A. Sultan, R. Najam, **Iqbal Azhar**, B. Riaz and A. Adil (2011). Evaluation of *Centella asiatica* for its Neuropharmacology *Med. Forum* **22** (11) 18-21.
54. Farah Mazhar, Mohtasheemul Hasan, **Iqbal Azhar**, M. Shaiq Ali, Misbah Zubair, Rabail Zahid and Mohammad Akram, (2011). Some biological studies on *Hypnea pannosa* J. Ag., *African Journal of Biotechnology* **10** (61), 13313-13317
55. Zafar Alam Mahood, Husan Bano, Syed Waseemuddin Ahmed, Mohammad Sualeh, Shabana Usman Simjee, Muhammad Mohtasheemul Hasan, **Iqbal Azhar** and Saad Bin Zafar Mahmood. (2010) In vitro leishmanicidal activity of some plant extracts against *leishmania Major*, *Proceedings of Parasitology* **50**; 43-51
56. R. Najam, S.P. Ahmed and **Iqbal Azhar**. (2010) Pharmacological Activities of *Hypnea musciformis*, *Afri J. Biomed. Res.* **13**, 69-74
57. Z. A Mahmood, S.W. Ahmed, **Iqbal Azhar**, M. Sualeh, M.T. Baig and S.M.S Zoha (2010) Updates: on Alkaloids produce by the species of Genus: *Boletus*, *Fusarium* and *Psilocybe*, *Pak. J. Pharm. Sci.* **23** (3), 349-357
58. M. Mohtasheemul Hasan, S. Waseemuddin Ahmed, **Iqbal Azhar** and H. Bano, (2010) Phytoconstituents Isolated from *Phoneix sylvestris*. *Journal of Basic and Applied Sciences* **6** (1) 17-22
59. S.Imam, **Iqbal Azhar**, A. Farrukh, S. Rahim and F.Zehra (2009). A review on *Tamarindus indica*. *Hamdard Medicus* **52** (3) : 5- 13.
60. **Iqbal Azhar**, M. Mohtasheemul Hasan, F. Mazhar and M.S. Ali (2009) Some Biological Evaluations on *Samanea Saman*, *Pak. J. Pharmacology* **26** (1) : 47-53
61. K. Usman ghani, E, Mohiuddin, M.S. Sarwar, **Iqbal Azhar**. (2008) Safety and Efficiency of Plant Based Medicine, *Health Science Res. In Eastern Medicine* 29-38
62. M. Sohail Anwer, M. Mohtasheemul Hasan, **Iqbal Azhar**, S. Waseemuddin Ahmed and Husan Bano,(2008) Chemical constituents from *Melitotus officinalis*. *Journal of Basic & Applied Sciences*, **4** (2), 89-94.
63. F. Mazhar, **Iqbal Azhar**, M.S. Ali, S. A. Nawaz and M. Iqbal Choudhry, Enzymes Inhibition studies on *Indigofera oblongifolia* , *Proceedings of Medicinal Plants Isolation & Applications* held at Department of Chemistry, Lahore College for Women University 166-169, 2008.

64. **Iqbal Azhar**, F. Mazhar, M. Mohtasheemul Hasan, M.S. Ali,(2008) Biological Studies on *Melitotus officinalis.*, In Chapter 5, *Advance in Natural Products Importance in Health and Economics* (Eds.) Zaheer Ahmed and Ahsana Dar, Center for Science & Technology of Countries, Daya Publishing House Delhi. India.110-035.
65. R. A. Khan, N. Sultana and **Iqbal Azhar** (2007) Analgesic and Anti tussive Activities on Methanol Extract of *Vigna trilobata*, *Journal of Basic and Applied Sciences.* **3** (2) 81-83
66. S. Imam, **Iqbal Azhar**, M. Mohtasheem, M.S. Ali and S. W. Ahmed (2007) Two Triterpenes Lupanone and Lupeol Isolated and Identified from *Tamarindus indica*, *Pak. J. Pharm. Sciences* **20**: 125-127
67. R. Alam Khan, Saima Afzal, **Iqbal Azhar**, Shahida P. Ahmed (2005) Preliminary Screening of Methanol and Butanol Extracts of *Tamarindus indica* for Anti-emetic Activity *Journal of Basic & Applied Sciences.* **1** (2) 51-54.
68. M. Mohtasheem, S. W. Ahmed, **Iqbal Azhar**, H. Bano, V. U. Ahmed and M. S. Ali (2005) Biological Activity and Phytochemistry of *Phoenix* Species, *Hamdard Medicus* XLVIII (3): 11-19.
69. F. Mazhar and **Iqbal Azhar** (2005) Natural Dyes, *Hamdard Medicus* XLVIII (2):100-106.
70. **Iqbal Azhar**, F. Mazhar, A.Q.N. Manzar, I. Hussain and S. Shamim (2005) Colorimetric determination of Indolic drugs, *Pak. J. Pharm. Sci.* **18**(2):48-51.
71. M. Shaiq Ali, F Ahmed, M K Pervez, **Iqbal Azhar** and S Amir Ibrahim (2005) Parkintin: A new flavanone with epoxy-isopentyle moiety from *Parkinsonia aculeata* Linn *Natural Product Research* **19** (1):53-56.
72. M.Shaiq Ali,F Ahmed, **Iqbal Azhar** and M K Pervez (2005) Pavonin: A new Five membered lactone from *Adenantha pavonina* Linn. *Natural Product Research* **19** (1):37-40.
73. S. Shamim, S.W. Ahmed, S. A. Siddiqui and **Iqbal Azhar** (2005) Superficial mycosis:A study performed for the isolation and identification of fungal species from infected patients. *Pak. J. Pharmacology* **22** (1):41-46.
74. S. Shamim, S.W. Ahmed and **Iqbal Azhar** (2004) Antifungal activity of *Allium*, *Aloe* and *Solanum* species, *Pharmaceutical Biology* **42** (7): 491-498.

75. **Iqbal Azhar**, F. Mazhar, S.W. Ahmad, K. Usmanghani and M. Aslam Gil.(2004). Antifungal Screening of *Lotus garcinii* D.C. Pak. J. Pharmacology **21**(2): 7-10.
76. **Iqbal Azhar**, G. Sarwar, M. Islam, F. Mazhar, S.W. Ahmed, K. Usmanghani, M. Aslam Gill and M. Shaiq Ali (2004). Acute Systemic Toxicity Test on *Lotus garcinii*, Pak. J. Pharmacology **21**(1): 9-11.
77. S. Shamim, S. Waseemuddin Ahmed, **Iqbal Azhar** (2003). Superficial Mycosis in Sindh Region. Pak. J. Pharmacology **19**(2): 27-35.
78. A. Shadmani, **Iqbal Azhar**, F. Mazher, S.W. Ahmed, I. Ahmed, K. Usman ghani, S. Shmim, (2004) Pak. J. Pharm. Sci., **17** (1), 47-54
79. U. Memon, A. H. Brohi, S.W. Ahmad and **Iqbal Azhar** and H. Bano (2003). Antibacterial Screening of *Citrullus colocynthis*, Pak. J. Pharm. Sci. **16**(1): 1-6.
80. M. Hassan, S.W. Ahmad, K. Usmanghani, **Iqbal Azhar**, V.U. Ahmad and M.S. Ali (2003). Genus *Cordia*. Hamdard Medicus **XLVI**(2), 16-24.
81. M. Islam, **Iqbal Azhar**, Khan Usmanghani, Mohammad Aslam Gill, Shahab Uddin and Afzal Ahmad (2002). Antifungal Activity Evaluation of *Bergenia ciliata*, Pak. J. Pharmacology **19**(2): 1-6.
82. H. Bano, S.W. Ahmad, **Iqbal Azhar**, M.S. Ali and N. Alam (2002). Chemical constituents of *Tagetes patula*, Pak. J. Pharm. Sci. **15**(2): 1-12.
83. M. Islam, **Iqbal Azhar**, K. Usmanghani, A. Ahmad and Shahbuddin (2002). Evaluation of antibacterial activity of *Bergenia ciliate*. Pak. J. Pharm. Sci. **15**(2): 21-27.
84. M. Islam, **Iqbal Azhar**, K. Usmanghani, A. Ahmad and Shahbuddin (2002). Bioactivity evaluation of *Bergenia ciliata*, Pak. J. Pharm. Sci. **15**(1): 15-33.
85. M. Mohtasheem, S. W. Ahmad, **Iqbal Azhar** and M. Shaiq Ali (2001). Brine Shrimp Bioassay of *Phoenix sylvestris*, Pak. J. of Pharm. Sci. **14**(2):19-21.
86. M.S.Ali, **Iqbal Azhar**, F.Ahmad, V.U.Ahmad and K. Usmanghani (2001) Antimicrobial screening of Mimosaceae plants, *Pharmaceutical Biology*, **39**(1), 43-46.
87. M.S.Ali, F. Ahmad, **Iqbal Azhar**, V.U. Ahmad and K. Usmanghani (2001) Unusual chemical constituents of *Lotus garcinii* (Fabaceae) *Turk. J. Chem.*, **25**(1), 107-112.

88. M.S. Ali and **Iqbal Azhar** (2000) Treatment by Natural Drugs, *Hamdard Medicus*, **XLIII** (2), 72-78.
89. M.S. Ali, **Iqbal Azhar**, S. Perveen, M. Jahangir, F. Ahmad, V.U. Ahmad and K. Usmanghani (2000) Garcitin: A new flavone-glycoside from *Lotus garcinii* (Fabaceae), *Nat. Med.* **654**(5) 253-256.
90. A.Q.N. Manzar, I.Hussain and **Iqbal Azhar** (2000) Spectrophotometric determination of some indole drugs, *J. Chem. Soc. Pak.*, **22**(2)111-114.
91. M.S. Ali, V.U. Ahmad, A. Zareen, **Iqbal Azhar**, and K. Usmanghani (1999) Antimicrobial screening of some Caesalpiniaceae, *Fitoterapia*, **70** (3) 299-304. 1.848
92. **Iqbal Azhar**, M.S. Ali, S.Perveen, K.Usmanghani and V.U. Ahmad (1999), Sesquiterpenoid as a bridge, *Proceeding of Herb Medicines and Therapeutics*, 94-98.
93. M.S. Ali, **Iqbal Azhar**, V.U.Ahmad and K. Usmanghani (1999) Antimicrobial screening of Papilionaceous plants, *J. Chem. Soc. Pak.*, **21** (9), 73-77.
94. M.S. Ali, F. Mazhar, **Iqbal Azhar**, V.U. Ahmad and K. Usmanghani (1999), Some chemical constituents from marine algae of Karachi (Arabian Sea), *Turkish J.Chem.*, **23**(2), 181-183.
95. M.S. Ali and **Iqbal Azhar** (1998) Chemistry is interesting: Part-V, Gifted medicines by nature, *Hamdard Medicus*, **XLI** (1), 91-97.
96. M.S. Ali, Iqbal Azhar, V.U. Ahmad and K. Usmanghani, (1998) Chemo-tropism in *Tamarindus indica*, *Fitoterapia*, **LXIX** (1), 43-46.
97. M.S. Ali, V.U. Ahmad, **Iqbal Azhar** and K. Usmanghani (1998) Some medicinally important plants and their uses, *Hamdard Medicus*, **XLI** (2), 96-102.
98. M.S. Ali, V.U. Ahmad and **Iqbal Azhar** (1997) Genus *Laurencia* and its sesquiterpenoids, *Hamdard Medicus*, **XL** (4), 84-88.
99. V.U. Ahmad, S.M. Khaliq-uz-Zaman, W. Ahmad, M.S. Ali, A. Malik and **Iqbal Azhar** (1996) Phytochemistry of the genus *Asparagus*, *Hamdard Medicus*, **XXXIX** (1), 27-43.
100. **Iqbal Azhar**, K. Usmanghani and S. Waseemuddin Ahmad (1996) Supercritical fluid extraction and its application in natural products, *Hamdard Medicus*, **XXXIX** (3)58-

101. **Iqbal Azhar** M. S. Ali, V.U. Ahmad and K. Usmanghani, (1996) Constituents of *Sapindus mukorossi*, *Hamdard Medicus*, **XXXIX**(4), 11-15.
102. **Iqbal Azhar**, K. Aftab and K. Usmanghani, (1995) Naturally occurring calcium channel blockers, *Hamdard Medicus*, **XXXVIII** (2), 5-16.
103. **Iqbal Azhar**, K. Usmanghani, S. Perveen, M.S. Ali and V.U. Ahmad (1994) Chemical constituents of *Sapindus mukorossi* Gaertn. (Sapindaceae) *Pak. J. Pharm. Sci.*, **7**(1), 33-41.
104. **Iqbal Azhar**, K. Usmanghani, S. Perveen, M.S. Ali and V.U. Ahmad (1993) Two tri-terpenoidal saponins from *Sapindus mukorossi* Gaertn., *Pak. J. Pharm. Sci.*, **6** (2) 71-77.

Posters

1. H. Bano, Z.A. Mehmood, S.W. Ahmed, Iqbal Azhar and S. U. Simjee (2006) *Invitro* Anti-*Helicobacter pylori* activity of Ethanolic extracts prepared from different Pakistani Plants **10th International Symposium on Natural Products Chemistry**, January 6-9 (Karachi).
2. K. Khan, M. Mohtasheemul Hasan, Iqbal Azhar, S. Waseemuddin and Sumaira (2008) Anti-emetic activity of *Luffa cylindrica* **11th International Symposium on Natural Products Chemistry** January 3-6 (Karachi).
3. Iqbal Azhar, M. Mohtasheemul Hasan, Salman Ahmed, Affan Zahid and Rabail Zahid (2010). Anti Emetic activity of some Aromatic medicinal plants. **12th International Symposium on Natural Product Chemistry** November 22-25 (Karachi).