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Editor-in-Chief, PJPS
and Dean, Faculty of Pharmacy
Faculty of Pharmacy, University of Karachi, Karachi-75270
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PERSONAL

Father's Name: Syed Zia Uddin Ahmed
Date of Birth: 25th March, 1955
Supervision: Four students of Ph.D.
Five students of M.Phil.

BOOKS/PHARMACOPOEIA

1. **“Drugs Analysis on HPLC”** published in 1999 from B.C.C. & T. Press, University of Karachi.
2. **“Tannins” Their Chemistry and Bioactivity”** published in 1997 from B.C.C.& T. Press, University of Karachi.
3. **“Hashmi Collyrium Codex-1998”** published by the Board of Hashmi Collyrium Codex & Formulary, Karachi.
4. **“Microbial Quality of Herbal Products”**, published in *Herbal Medicine Industry in Pakistan*, 2000 from B.C.C.&T. Press, University of Karachi
5. **Reducing the Risk of Pre-Mature Aging (2002)**

PRESENT RESEARCH & BOOK PUBLICATION PROGRAMME:

Titled

1. Herbal Medicine with Bioavailability
2. Stability of Drugs and Analysis by HPLC
3. Drug and Spectroscopy
4. Oral Solid Dosage Form

PROFESSIONAL, RESEARCH

AND TEACHING EXPERIENCE : Twenty-eight years

EDUCATION

Ph.D., Pharmacognosy, Faculty of Pharmacy, University of Karachi, 1992.

M. Pharm., Pharmacognosy, Faculty of Pharmacy, University of Karachi, 1983.

B. Pharm., Faculty of Pharmacy, University of Karachi, 1975.

D.H.M.S., Jinnah Medical College, Nazimabad, Karachi, 1988.

PROFESSIONAL STATUS

Registered Pharmacist, Pharmacy Council Sindh, Pakistan

Registered, Homoeopath Doctor, Pakistan Homoeopath Medical Board.

Life Member, Pakistan Pharmacological Society

AWARDS/GOLD MEDAL

1. Awarded Gold Medal by the Pakistan Society of Pharmacognosy in 1997
2. Awarded Gold Medal by the Pakistan Pharmaceutical Society in 1997
3. Awarded of Excellence, Major Zia-ur-Rehman Shaheed Award in 1998-1999.
4. Awarded Gold Medal by the Zoha Foundation International in 2001.

TEACHING AND RESEARCH EXPERIENCE (16 years)

1994 - present:

Professor, Department of Pharmacognosy, Faculty of Pharmacy, University of Karachi

1988 - 1992:

Ph.D. Research, Department of Pharmacognosy, Faculty of Pharmacy, University of Karachi.

1981 - 1983:

M. Pharm., Research, Department of Pharmacognosy, Faculty of Pharmacy, University of Karachi.

PROFESSIONAL EXPERIENCE (12 years)

- a. *Director Production*, Macter International Pvt. Ltd., Feb., 1992 - May, 1994.
- b. *Production Manager*, Macter International Pvt. Ltd., Feb., 1986 - Dec., 1987.
- c. *Assistant Quality Control Manager*, Efroz Chemical and Pharmaceutical Pvt. Ltd., July, 1984-Jan., 1986.
- d. *Production Pharmacist*, Zafa Pharmaceuticals Pvt. Ltd., Aug., 1983 - July, 1984.
- e. *Quality Control Manager*, Indus Pharmaceutical Pvt. Ltd., Jan., 1979 -May, 1981.
- f. *Assistant Production Manager*, Indus Pharmaceutical Pvt. Ltd., Sept., 1977 - Dec., 1978.
- g. *Practical Training*, Abbott Pharmaceutical Pvt. Ltd.; Beecham Pharmaceutical Pvt. Ltd.; Aspronicholas Pvt. Ltd.

EXAMINER IN VARIOUS UNIVERSITIES:

1. University of Sindh, Department of Pharmacy, Examiner of M.Pharm. and M.Phil. (Thesis Evaluation) since 1995.
2. Department of Physiology, University of Karachi. Examiner of M.Sc. Thesis Evaluation since 1997.
3. Department of Pharmacy, Islamia University, Bahawalpur External Examiner of B.Pharm. Practical Examination

ADMINISTRATIVE EXPERIENCE:

1. External Tabulator for B.A. in 1995.
2. External Tabulator for B.Com. in 1996.
3. Tabulator in Semester Cell for various departments since 1995.
4. Co-Head Tabulator for Faculty of Pharmacy, Islamic Learning etc. in 1998.
5. Member of Admission Committee in 1995.
6. Chairman, Transport Committee, Karachi University, from 2001-2003.

List of students for M.Phil/Ph.D. degree awarded under the supervision of Prof. Dr. S. Waseemuddin Ahmed

*Department of Pharmacognosy, Faculty of Pharmacy
University of Karachi, Karachi- 75270*

M.Phil

1.	M. Mohtasheemul Hasan	Phytochemical and biological studies on <i>Phoenix sylverstris</i> and <i>Cordia myxa</i> .	2000
2.	Husan Bano	Phytochemical and biological studies of <i>Tagetes patula</i> (comparative studies on different parts) and <i>Commicarpus biossieri</i> .	2000
3.	M. Burhan Qureshi	Phytochemical and biological studies on <i>Aegle marmelos</i> and <i>Mucuna pruriens</i> .	2000
4.	Sumbul Shamim	Anti-mycological evaluation of <i>Aloe barbadensis</i> , <i>Allium sativum</i> and <i>Solanum</i> species.	2001

Ph.D

5.	Ghulam Sarwar	The phytochemical and phytopharmacological studies on <i>Saraca indica</i> , <i>Capparis deciduas</i> and <i>Lutus garcinii</i> .	2002
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**List of students working as Ph.D./M.Phil Fellow under
the supervision of Prof. Dr. S. Waseemuddin Ahmed**

*Department of Pharmacognosy, Faculty of Pharmacy
University of Karachi, Karachi- 75270*

Ph.D.

1.	M. Mohtasheemul Hasan	Phytochemical and biological studies on <i>Phoenix sylvestris</i> , <i>Castanospermum australe</i> and <i>Cordia myxa</i> .
2.	Husan Bano	Biological and chemical studies on <i>Commicarpus boissieri</i> , <i>Salmalia malbauica</i> and <i>Xanthium strumarium</i> .
3.	Muhammad Sualeh	Anti-Hyperlipidemic effect of some compound herbal formulations.

M.Phil

4.	Kanwal Waseem Khan	
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LIST OF PUBLICATIONS

BOOKS/PHARMACOPOEIA

1. **“Drugs Analysis on HPLC”** published in 1999 from B.C.C. & T. Press, University of Karachi.
2. **“Tannins” Their Chemistry and Bioactivity”** published in 1997 from B.C.C.& T. Press, University of Karachi.
3. **“Hashmi Collyrium Codex-1998”** published by the Board of Hashmi Collyrium Codex & Formulary, Karachi.
4. **“Microbial Quality of Herbal Products”**, published in *Herbal Medicine Industry in Pakistan*, 2000 from B.C.C.&T. Press, University of Karachi.
5. **Reducing the Risk of Pre-Mature Aging** (2002)

RESEARCH PAPERS:

1. Triterpenoid saponins from leaves of *Gastanospermum australe*. Viqar Uddin Ahmad, Syed Waseem Uddin Ahmed and Khan Usmanghani. **Phytochemistry**, **31**(8), 2805 (1992).
2. Vital amino acid-glutamio acid and aspartica acid their role in brain functions. Zafar Alam Mahmood, Dilnawaz Shaikh, Syed Waseem Uddin Ahmed and Aftah Saeed. **Asian Medical News**, **81**(1), 4 (1992).
3. Cholinergic action of crude saponins from *Castanospermum australe*. A.H. Gilani, Khalid Aftab and Syed Waseem Uddin Ahmed. **International J. of Pharmacognosy**, (1992).
4. Antihypertensive activity of leaves extract of *Castanospermum australe*. A.H. Gilani, Khalid Aftab and Syed Waseem Uddin Ahmed. **J. of Animal and Plant Sciences (JAPS)**, **1**(3), (1991).
5. *Raphanus sativus* Linn (RADISH). A natural hepatoprotective drug. Zafar Alam Mahmood, Aftab Saeed, Tanveer Z. Mahmood and Syed Waseem Uddin Ahmed, **Hamdard Medicus XXXIV** (2), 70 (1991).
6. Biological screening of the saponins of *castanospermum australe*. Syed Waseem Uddin Ahmed, Khan Usmanghani and Viqar Uddin Ahmad. **J. Peruvatan UKM. Malaysia**, **16**, 47 (1994).
7. Castanospermine from *C'astanospermum australe* against Cancer and Aids. Syed Waseem Uddin Ahmed and Khan Usmanghani, **Hamdard Medicus**, **XXXIV** (3), (1993).
8. Bio-Assay directed isolation of medicagenic acid 3-O- -D-glucoside from *Castanospermum australe*. Khalid Aftab, A.H. Gilani, Khan Usmanghani and Syed Waseem Uddin Ahmed. **Proceeding of the Fifth National Chemistry Conference**. Under the auspices of the Chemical Society of Pakistan, Islamabad, pp.217-220 (1993).

9. Isolation and characterization of saponins from *Castanospermum australe* Cunn. et Fraser. Syed Waseem Uddin Ahmed, Khan Usmanghani, Iqbal Ahmed, Viqar Uddin Ahmad and Toshia Miyase. **Chem. Pharm. Bull.**, **42**(3), 314 (1994).
10. Bioavailability and pharmacokinetics of Oxfloracin after oral and administration in health human volunteers. Z.H. Mahmood, Dilnawaz Shaikh and Syed Waseem Uddin Ahmed. **National Health Pakistan**, **Vol. 111**(3), (1994).
11. Supercritical fluid extraction and its application in natural products. Iqbal Azhar, K. Usmanghani and Syed Waseem Uddin Ahmed. **Hamdard Medicus**, **Vol. XXXIX**(3), (1996).
12. Mechanical response of isolated mammalian intestine to crude extract of *Cordia myxa*. Arifa, M. Mohtasheemul Hasan, Azeem, M.A. and Waseemuddin, S. Herb Medicines and Therapeutics, **Proceeding of the First National Symposium on Pharmacy, Pharmaceuticals and Health**, pp.22-26 (1997).
13. Effect of some medicinal plants on Egg Hatching of *Meloidogyne javanica*, root knot Nematode. Husan Bano, Imran Ali Siddiqui, Waseemuddin Ahmed and S. Etheshamul Haque. **Pakistan Journal of Biological Sciences**, **2**, (4), 1364-1365 (1999).
14. Effect of Procaine (PVP) on the Regeneration of Gangrenous Tissues, Bashir A. Mallick, Z.A. Mahmood and S. Waseemuddin Ahmed, **Medical Channel**, September, 2002.
15. Genus *Cordia*, M. Mohtasheem, S. Waseemuddin Ahmed, K. Usmanghani, I. Azhar, V.U. Ahmed and M.S. Ali, Accepted for publication in **Hamdard Medicus**, Vol. **XLVI**, 2, 2003.
16. Brine Shrimp Bioassay of Phoenix sylvestris, M. Mohtasheem, S. Waseemuddin Ahmed, Iqbal Azhar and M. Shaiq Ali, **Pak. J. of Pharm. Sci.** **14**(2): 2001, pp. 19-21.
17. Bioavailability study of Tablet Bezafibrate 200 mg (Lipocor ®), Obaid Ali, M.A.S. Khan, Roohi Obaid and Waseemuddin Ahmed, **Pak. J. of Pharm. Sci.** **15**(1): 35, January 2002.
18. Method development for analysis of gliclazide in human plasma by using high-performance liquid chromatography, Roohi Obaid, Tasneem Ahmed, Obaid Ali, Noor Kamil and Waseemuddin Ahmed, **Pak. J. of Pharm. Sci.** **15**(2): 51, July 2002.
19. Chemical Constituents of *Tagetes patula* L. Husan Bano, Syed Waseemuddin Ahmed, Iqbal Azhar, M. Shaiq Ali and Naseer Alam, **Pak. J. of Pharm. Sci.** **15**(2): 1-12, July 2003.
20. Effect of Co Administration of Haloperidol and Large Neutral Amino Acids (Tryptophan and Valine) on Rats Striatal Dopamine, Serotonin and their Metabolism, Obaid Ali, Darakhshan J. Haleem, Roohi Obaid, Noor Kamil, Mohammed A. Haleem and Syed Waseemuddin Ahmed, **Pak. J. of Pharm. Sci.** **16**(1): 13-25, January 2003.
21. Antibacterial Screening of *Citrullus colocynthis*, Usman Memon, Abdul Hakeem Brohi, Syed Waseemuddin Ahmed, Iqbal Azhar and Husan Bano, **Pak. J. of Pharm. Sci.** **16**(1): 1-6, January 2003.

22. Hypoglycemic Potential of Tablet metformin 500 mg (Glucophage® and Metphage®, A Pharmacological end Point Evaluation, Obaid Ali, Roohi Obaid and Syed Waseemuddin Ahmed, **Pak. J. of Pharm. Sci.** **16**(2): 47-59, July 2003.
23. Kinetic Studies on *Zingiber officinale*, Amir Shadmani, Iqbal Azhar, Farah Mazhar, M. Mohtasheemul Hassan, Syed Waseemuddin Ahmed, Iqbal Ahmad, Khan Usmanghani and Sumbul Shamim, **Pak. J. of Pharm. Sci.** **17**(1): 47-54, January 2004.
24. Pharmacokinetic Differences of some Generic Tablet Gliclazide 80 mg on Pakistani Population, Roohi Obaid, Obaid Ali, Zafar Saied Saify, Noor Kamil, Masood Hameed Khan, T. Ahmed and Syed Waseemuddin Ahmed, **Pak. J. of Pharm. Sci.** **17**(1): 55-64, January 2004.
25. Pharmacokinetic Differences of some Generic Tablet Gliclazide 80 mg on Pakistani Population, Roohi Obaid, Obaid Au, Zafar Saied Saify, Noor Kamil, Masood Hameed Khan, T. Ahmed and Syed Waseemuddin Ahmed, **Pak. J. of Pharm. Sci.** **17**(1): 55-64, January 2004.
26. Acute Systemic Toxicity Test on *Lotus garcinii*, Iqbal Azhar, Farah Mazhar, S. Waseemuddin Ahmad, Khan Usmanghani, M. Aslam Gill and M. Shaiq Ali, **Pak. J. of Pharmacology**, **21**(1): 9-11, January 2004.
27. Antifungal Screening of *Lotus garcinii*, Iqbal Azhar, Farah Mazhar, S. Waseemuddin Ahmad, Khan Usmanghani and M. Aslam Gill, **Pak. J. of Pharmacology** **21**(2): 7-10, July 2004.
28. Antifungal Activity of *Allium aloe* and *Solanum* species, S. Shamim, S. Waseemuddin Ahmed and I. Azhar, **Pharmaceutical Biology**, **42**(7): 490-498 (2004).
29. Pharmacokinetics differences of tab. Mefenamic acid (Ma) 500 mg (one pill) and 250 (two pill) with and without food, Obaid Ali, Roohi Obaid, Noor Kamil, Zafar Saied Saify and Syed Waseemuddin Ahmed, **Int. Chemical, Pharmaceutical & Medical Journal**, **1**(1), 2004, pp.63-68.
30. Superficial Mycosis in Sindh Region: A study performed for the isolation and identification of fungal species from infected patients, S. Shamim, S. Waseemuddin Ahmed and Iqbal Azhar, **Pak. J. of Pharmacology** **22**(1): 41-46, January 2005.
31. Biopharmaceutical evaluation of oral tablet atenolol (100 and 50 mg) on local population Obaid Ali, Roohi Obaid, Zafar Saied Saify and Syed Waseemuddin Ahmed, **Pak. J. of Pharm. Sci.** **18**(1): 25-32, January 2005.
32. Effects of tryptophan and valine administration on behavioral pharmacology of haloperidol, Obaid Ali, Darakhshan J. Haleem, Zafar Saied Saify, Noor Kamil, Roohi Obaid and Syed Waseemuddin Ahmed, **Pak. J. of Pharm. Sci.**, 2005.
33. Biological activity and phytochemistry of phoenix species. M. Mohtasheem. S. Waseemuddin Ahmad, Iqbal Azhar, Husan Bano, V.U. Ahmad and M.S. Ali. **Hamdard Medicus**, Vol.XVIII(3), July-September, 2005, pp.11-19.
34. Two Triterpenes Lupanone And Lupeol Isolated and Identified from *Tamarindus Indica* Linn. Shehla Imam, Iqbal Azhar, M. Mohtasheemul Hasan, M.S. Ali and S. Waseemuddin Ahmed. **Pak. J. of Pharm. Sci.**, **20**(2): 125-127, April 2007.