

Farah Mazhar

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Education

- Ph.D. Enrolled in Department of Pharmacognosy, Faculty of Pharmacy, University of Karachi. Karachi-75300, Pakistan
- M.Phil. Department of Pharmacognosy, Faculty of Pharmacy, University of Karachi. Karachi-75300, Pakistan, Year 1999
- B.Pharm. Department of Pharmacognosy, Faculty of Pharmacy, University of Karachi. Karachi-75300, Pakistan, 1992

Dissertation

- Ph.D. ‘Development of Phytocosmeceutical Formulations for Skin Care and Their Pharmacognostic and Biological Evaluation’.
- M.Phil. “Search for Algal Sterols from Marine Algae of Pharmaceutical Value”.

Awards and Honors

Received Gold Medal from Pakistan Society of Pharmacognosy, University of Karachi, Karachi, 1999.

Productive Scientist of Pakistan declared by Pakistan Council for Science and Technology, Islamabad, Pakistan, 2003

Research Interests

Study of Phytopharmaceuticals and their Standardization,

Phytochemistry, Pharmacognostic Studies, Biological and Chemical Studies on Terrestrial and Marine Natural Products, Analysis of Natural Products

Teaching and Research Experience

2006-Present	Assistant Professor and Ph.D. Research Fellow
2000-2006	Lecturer
1994-1999	M.Phil. Research Fellow

Work Experience

February 2006-Present	Assistant Professor, Department of Pharmacognosy, Faculty of Pharmacy, University of Karachi
March 2000 - February 2006	Lecturer, Department of Pharmacognosy, Faculty of Pharmacy, University of Karachi
April 1999 - February 2000	Research Associate, Bait al-Hikmah Research Institute, Hamdard University, Karachi
August 1993 - May 1994	Junior Executive, the Filling Area (Sterile Area), Department of Injectables, Glaxo Smith Kline.

Training

16 th -20 th January 2012	“Disaster Risk Management”, organized by Akhtar Hameed Khan National Centre for Rural Development, Ministry of Professional and Technical Training, Government of Pakistan, Islamabad
December-2005-January-2006	“1 st Staff Development Program”, Organized by University of Karachi, in Collaboration with H.E.C and N.A.H.E.
1 st November-31 st December 1992	200-Hours training in Hospital Pharmacy at Holy Family Hospital, Karachi, Pakistan.

Publications

Books Monographs Of Unani Medicine, Vol-1, Drugs Control and Traditional Medicine Division, National Institute of Health, Islamabad-Pakistan and Bait al-Hikmah, Hamdard Foundation, Pakistan, (2003)

Spices as Medicine, Research Institute of Indusynic Medicine, A-592,

Block-N, North Nazimabad, Karachi-74000, Pakistan, (2003), ISBN: 969-8678-02-6.

Research Papers

T. Quds, M. Ahmed, S. Shakeel, N. Jalbani, **F. Mazhar**, I. Azhar, Determination of the heavy metal contents of frequently used herbal products in Pakistan, *Tropical Journal of Pharmaceutical Research*, **20** (2), 377-382, 2021.

S. M. Ahmed, F. Tasleem, **F. Mazhar**, S. R. Z. Rizvi and I. Azhar, pharmacological evaluation on methanol extract of *Adenantha Pavonina* leaves, *Pakistan Journal of Pharmacology*, **35** (1 & 2), 57-63, 2018.

F. Mazhar, M. Hasan, M. S. Ali, M. Zubair, R. Zahid and M. Akram, Some biological studies on *Hypnea pannosa*, *J. Ag. Afr. J. Biotechnol.* **10** (61), 13313-13317, 2011.

I. Azhar, Masan, **F. Mazhar**, M. S. Ali, Some Biological Evaluations on *Samanea saman*, *Pak. Jour. Pharmacol.* **26** (1), 47-53, 2009.

F. Mazhar, I. Azhar, M. S. Ali, S.A. Nawaz, M.I. Choudhary. Enzyme Inhibition Studies on *Indigofera oblongifolia*, *Proceedings of 1st International Seminar on Medicinal Plants Isolation and Applications*, 166-169, 2008.

I. Azhar, **F. Mazhar**, M. Hasan, M. S. Ali, Biological Studies on *Melilotus officinalis*, *Advances in Natural Products: Importance in Health and Economy*, Z. Ahmed and A. Dar (Eds.) Centre for Science and Technology of the Non-Aligned and Other Developing Countries. Daya Publishing House, Delhi, pp.27-32, 2008.

I. Azhar, **F. Mazhar**, A.Q.N. Manzar, I. Hussain and S. Shamim, Colorimetric determination of Indolic drugs, *Pak. J. Pharm. Sci.*, **18** (2), 48-51, 2005.

F. Mazhar, I. Azhar, Natural dyes. *Hamdard Medicus*, **XLVIII** (2), 100-106, 2005.

I. Azhar, G. Sarwar, **F. Mazhar**, M. Islam, S.W. Ahmad, K. Usmanghani and M. Aslam Gil. Antifungal Screening of *Lotus garcinii* D.C. *Pak. J. Pharmacology*, **21**(2), 7-10, 2004.

Shadmani, I. Azhar, **F. Mazhar**, M. Mohtasheemul Hassan, S.W. Ahmed, I. Ahmed and K. Usmanghani, Kinetic Studies on *Zingiber officinale*. *Pak. J. Pharm. Sci.*, **17**(1), 47-54, 2004.

Azhar, G. Sarwar, M. Islam, **F. Mazhar**, S.W. Ahmed and K. Usmanghani Khan. Acute Systemic Toxicity Test on *Lotus garcinii*, ***Pak. J. Pharmacol.***,**21(1)**, 9-11,2004.

Mazhar-ul-Islam, I. Azhar, **F. Mazhar**, K. Usmanghani, M. A. Gill, A. Ahmad,Shahab-ud-Din, Evaluation of Antibacterial activity of *Bergeniaciliata*,***Pak. J. Pharm. Sci.***,**15(2)**, 21-27, 2002.

Z. S. Saify, M. Arif, S. Akhtar, N. Mushtaq, **F. Mazhar**, Comparative Studies on Nicotinic Acid Derivatives as Hypolipoproteinemic Agents, ***Pak. J. Pharm. Sci.***, **14(2)**,33-41, 2001.

M. S. Ali, **F. Mazhar**, M. Saleem, M. Jahangir, K. Pervez, K. Usmanghani, V. U. Ahmed, Algal Bioactive Chemical Constituents, ***Proceedings of the ONR Symposium***, 33-44, 2001.

M. S. Ali, **F. Mazhar**. V. U. Ahmed, K. Usmanghani, Preliminary Biological Screening of Some Marine Algae Collected from Karachi Coasts of Arabian Sea, ***J. Chem. Soc. Pak.*****22** (1), 36-41, 2000.

F. Mazhar, M. Aslam, M. Anwar. M. Ahmad, G. H. Rizwani, K. Usmanghani, The Toxic Effects of Environmental Pollution on the Chemical Constituents of Arabian Sea Algae, ***Proceedings of 1st One Day Seminar on Herbs, Medicine and Therapeutics***, 62-80, 1999.

M. S. Ali, **F. Mazhar**, I. Azhar, K. Usmanghani, Some Chemical Constituents from Marine Algae of Karachi Coast (Arabian Sea), ***Turk. J. Chem.***,**23**, 181-183, 1999.

Paper Presentation

21stMay-23rd May 2008 1st International Seminar on Medicinal Plants Isolation and Applications,Organized by Lahore College for Women University, Lahore, Pakistan.

Seminars, Workshops and Trainings Organized

23rd February, 2012 Workshop on “**Bioethics**” by Dr. FarhatMoazam and Dr. AamirJafarey, Centre of Biomedical Ethics and Culture (CBEC), Sind Institute of Urology and Transplantation, Karachi.

15th November, 2008 Seminar on “**Zinc and its Efficacy in the Treatment of Diarrhea**” by Mr. Omar Taha, Public Health Consultant, Nutriset-France.

5th November, 2008 Seminar on “**Pharmaceutical Operations and Social Responsibilities of Pharmacists**” by Mr. Mohd. Abdullah Feroz, MD, Efroz Chemical

	Industries Ltd.
1 st November, 2008	Seminar on “ Lymphoma Cancer and Related Issues ” by Dr. Salman NaseemAdil, Associate Professor, Consultant Hematologist, Aga Khan University Hospital.
30 th August, 2008	Seminar on “ Pharmaco-vigilance ” by Dr. M. Aslam, Technical Director, Otsuka Pak. Ltd.
9 th August, 2008	Seminar on “ Breast Cancer ” by Dr. AzminaTajValimohammad, Medical Oncologist, Aga Khan University Hospital.
12 th April, 2008	Seminar on “ Dimagh Ki BattiJallao ” by Mr. Muhammad MuneebQidwai, Corporate Training Manager, Pfizer Lab. Pak. Ltd.
3 rd April, 2008	Seminar on “ A World of Opportunities-Exploring the Best ” in collaboration with GlaxoSmithKline Pakistan.
15 th March, 2008	Seminar on “ Colorectal Cancer ” by Dr. NehalMasood, Medical Oncologist, Aga Khan University Hospital.
9 th February, 2008	Seminar on “ Role of Pharmacist and Natural Medicines ” by Prof. Dr. AftabSaeed, Faculty of Eastern Medicine, Hamdard University
8 th September, 2007	Seminar on “ Work Flow of Manufacturing and Analysis in Pharmaceutical Industry ” by Mr. Muhammad MushahidRiaz, Pfizer Labs. Pak. Ltd.
29 th May–24 th June, 2006	2nd Staff Development Program for teachers in Higher Education.

Seminars and Workshops Attended

2022	3rd International Chemistry Conference and its Role in Sciences-2022, Theme: Sustainability, Basic to Advance Sciences, Department of Chemistry, University of Karachi, Karachi, Pakistan.
16 th -17 th March, 2022	Biocon-1, 1 st International Conference of Biotechnology, Department of Biotechnology, University of Karachi, Karachi, Pakistan.
21 st -24 th February, 2022	“15 th International Symposium on Natural Product Chemistry”, H.E.J. Research Institute of Chemistry, International Center for Chemical and Biological Sciences (ICCBS), University of Karachi, Karachi, Pakistan.
23 rd -25 th October, 2019	“1st International Conference on Research Perspectives in Pharmaceutical Sciences, Transforming New Paradigms in Industry and Academia Linkages”, Faculty of Pharmacy, Hamdard University,

Karachi-Pakistan and ICCBS, University of Karachi-Pakistan

- 18th-19th November, 2014 “2nd Symposium on Bioequivalence and Bioavailability Studies” organized by Center for Bioequivalence Studies and Clinical Research”, University of Karachi, Karachi, Pakistan.
- 2nd-3rd September, 2014 Course on “Research Communication Skills Development”, Office of Research Innovation and Commercialization, University of Karachi, Karachi, Pakistan.
- 11th 13th August, 2014 Workshop on “Classical Protein Chemistry Panjwani Centre for Molecular Medicine and Drugs”, University of Karachi, Karachi, Pakistan.
- 25th -27th February, 2013 Third Hamdard International Unani Medicine Conference-2013, on “Unani Medicine: Education and Research Issues, Prospects and Challenges” organized by Hamdard University, Karachi, Pakistan.
- 7th April, 2012 Workshop on “Self -Assessment Report”, Quality Enhancement Cell, University Of Karachi, Pakistan.
- 1st February, 2012 Workshop on “Patent Protection for R&D”, Pakistan Scientific & Technological Information Centre (PASTIC), Pakistan Science Foundation, Ministry of Science & Technology, in collaboration with HEJ, International Centre for Chemical and Biological Sciences (ICCBS), University of Karachi, Pakistan.
- 23rd July, 2011 Workshop on “How to Write Scientific Manuscript in High Impact Factor Journals”, Organized by LatifEbrahim Jamal National Science Information Centre, under Virtual Education Project Pakistan and Higher Education Commission, Pakistan.
- 26th July, 2011 One day Seminar on “Cancer, an Ongoing Life Threat”, organized by Department of Physiology in collaboration with Pakistan Physiology Society.
- 13th -14th June, 2011 “Training of Trainers Workshop” Organized by Department of Pharmacognosy Faculty of Pharmacy, University of Karachi, Karachi, Pakistan.
- 23rd April, 2011 Symposium on “Clinical Pharmacy Practice”, organized by Ziauddin College of Pharmacy, Ziauddin University, Karachi, Pakistan.
- 22nd -25th November, 2010 12th International Symposium on “Natural Product Chemistry”, Organized by H.E.J. Research Institute of Chemistry, University of Karachi, Karachi, Pakistan.

- 22nd -23rd May, 2008 “1st International Seminar on Medicinal Plants Isolation and Applications, Organized by Lahore College for Women University, Lahore, Pakistan.
- 9th December, 2005 Workshop on “Writing Scientific Papers”, Organized by Centre for Molecular Genetics, University of Karachi in Collaboration with University of Illinois, Chicago, USA.
- 6th August, 2005 One Day Seminar on “Examination Standards” Organized by Department of Physiology and Quality Enhancement Cell, University of Karachi, Pakistan
- 7th -9th March, 2005 “8th Biennial National Conference of Pakistan Society of Biochemistry and Molecular Biology on Emerging Trends in Biochemistry and Molecular Biology”, Organized by Department of Biochemistry, University of Karachi, Karachi, Pakistan.
- 20th -21st January, 2004 “Emerging Dimensions of Health Care” Organized by Faculty of Health and medical Sciences, Faculty of Eastern Medicine, Faculty of Pharmacy, Hamdard University, Karachi, Pakistan.
- 10th -13th January, 2004 “9th International Symposium on Natural Product Chemistry” Organized by International Center of Chemical Sciences, H.E.J. Research Institute of Chemistry, University of Karachi, Karachi, Pakistan.
- 12th August, 2003 Workshop on “Powertalk” , Organized by British Council, held in Karachi, Pakistan
- 23rd December, 2002-3rd January, 2003 Workshop on “Animal Cell Culture”, Organized by H.E.J. Research Institute of Chemistry, International Center of Chemical Sciences, University of Karachi, Karachi, Pakistan.
- 9th-12th March, 2002 “7th Eurasia Conference on Chemical Sciences”, Organized by H.E.J. Research Institute of Chemistry, International Center of Chemical Sciences, University of Karachi, Karachi, Pakistan.
- 19th February –1st March, 2001 Workshop on “Recent Advances in Psychopharmacology and its Impact on the Management of Psychiatric Illness”, Organized by H.E.J. Research Institute of Chemistry, University of Karachi, Karachi, Pakistan.
- 18th – 22nd January, 2000 “8th International Symposium on Natural Product Chemistry”, Organized by H.E.J. Research Institute of Chemistry, University of Karachi, Karachi, Pakistan.

- 21nd -27nd January, 2000 “Workshop on the Technology for Product Development from Medicinal Plants”, Organized by H.E.J. Research Institute of Chemistry, University of Karachi, Karachi, Pakistan.
- 27th November, 1999 Conference on “Herb, Medicine and Therapeutics”, Organized by Pakistan Society of Pharmacognosy, University of Karachi, Karachi, Pakistan.
- 8th -17th May, 1998 Seminar on “Good Manufacturing Practices, Quality Control, Quality Assurance and Manufacturing Technology”, Organized by Pakistan Pharmacist Association, Pakistan.
- 28th, December 1997-1st January, 1998 “7th International Symposium on Natural Product Chemistry”, Organized by H.E.J. Research Institute of Chemistry, University of Karachi, Karachi, Pakistan.
- 8th July, 1997 Workshop on the “Use of Bioassay Techniques for New Drug Development”, Organized by International Center for Chemical Sciences H.E.J. Research Institute of Chemistry, University of Karachi, Karachi, Pakistan.
- 29th May, 1997 First One Day Seminar on “Herbs, Medicine and Therapeutics”, Organized by Pakistan Society of Pharmacognosy, University of Karachi, Karachi, Pakistan.
- 2nd -5th January, 1997 2nd International Conference on “Pharmaceutical Sciences” organized by Faculty of Pharmacy, University of Karachi, Karachi Pakistan.

Statuary/Professional Registration

Registered Pharmacist (Category “A”), Pharmacy Council of Sindh, Pakistan.

Professional Bodies’ Membership

Member, Pakistan Society of Pharmacognosy.
Life member, The Chemical Society of Pakistan.

Administrative and Other Responsibilities at University of Karachi

Member, Board of Faculty, Faculty of Pharmacy, University of Karachi, since 2000.

Member, Board of Studies, Department of Pharmacognosy, Faculty of Pharmacy, University of Karachi, 2000-2010.

Member, Library Committee, Faculty of Pharmacy, University of

Karachi, from 2002-2005.

Incharge, Library, Research Institute of Pharmaceutical Sciences,
Faculty of Pharmacy, University of Karachi, from 2000-2005.

Member, Workshop and Seminar Committee, Faculty of Pharmacy,
University of Karachi, from 2007-2010

Computer Skills

MS Word, MS Excel, MS Power Point, Chem. Draw.

Languages

Fluent in English and Urdu, French (initial level), Can read Arabic