

DR. SYED MUHAMMAD FARID HASAN
Chairman and Associate Professor
Department of Pharmaceutics
Faculty of Pharmacy and Pharmaceutical Sciences
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EDUCATIONAL QUALIFICATION

Year	Degree	Field of Study	Institution/University
1992	B.Pharm	Pharmacy	University of Karachi
Pharmacy Registration	Registered with the Pharmacy Council of Sindh, Karachi (Registration No. 1433).		
1997	M.Phil	Pharmaceutics	University of Karachi
Title of M.Phil Dissertation	Determination of Diclofenac Sodium in Plasma by HPLC and effect of food on its bioavailability.		
2009	Ph.D	Pharmaceutics	University of Karachi
Title of Ph.D Dissertation	Evaluation of the Bioequivalence and Pharmacokinetics of Two Commercial Formulations of Meloxicam after single oral administration in local population.		

ADMINISTRATIVE EXPERIENCE

Institution/Organization	Position / Job Title	Period	
		From	To
University of Karachi	Chairman, Department of Pharmaceutics	11 th January, 2024	Date
University of Karachi	Chairman, Department of Pharmaceutics	9 th January, 2018	8 th January, 2021
University of Karachi	Chairman, Department of Pharmaceutics	10 th July 2017	14 th July, 2017

ACADEMIC EXPERIENCE

Institution/ Organization	Position / Job Title	Period	
		From	To
University of Karachi	Associate Professor	7 th June 2016	Date
University of Karachi	Assistant Professor	28 th January, 2013	6 th June, 2016
Almaarefa College of Science & Technology (MCST), Riyadh, Kingdom of Saudi Arabia	Assistant Professor (Pharmacy)	25 th November, 2011	21 st January, 2013
University of Karachi	Assistant Professor	17 th March, 2009	20 th August 2011
University of Karachi	Lecturer	04 th March 2006	16 th March, 2009
College of Pharmacy, Ziauddin Medical University, Clifton Karachi	Assistant Professor	01 st February, 2005	03 rd March, 2006

Jinnah Medical and Dental College (JMDC), affiliated with University of Karachi	Assistant Professor	09 th September, 2003	01 st January, 2005
Baqai Institute of Pharmaceutical Sciences, Baqai Medical University, Karachi	Senior Lecturer	20 th June, 2002	30 th August, 2003

INDUSTRIAL EXPERIENCE

Institution/ Organization	Position / Job Title	Period	
		From	To
Getz Pharma, Korangi Industrial area, Karachi	Senior Production Officer	22 nd April, 1999	16 th June, 2002
Getz Pharma, Korangi Industrial area, Karachi	Production Officer	15 th January, 1997	13 th March, 1998
Responsibilities	To supervise manufacturing, packaging, documentation (including auditing) of various dosage forms such as tablets, capsules, syrups, suspensions, creams, ointments etc according to cGMP for local and international markets.		

PROFESSIONAL TRAINING

Squibb Pakistan Ltd, Karachi	Dec.,1992 to Feb.,1993
Holy Family Hospital, Karachi	Dec.,1993 to Jan.,1994
Parke, Davis & Co., Karachi	Dec.,1996 to Jan.,1997

HEC, PAKISTAN RECOGNITION

HEC Approved Supervisor for PhD students funded under various HEC funded in-country scholarship program from 2014-2016 and 9th March 2021 to date.

HEC, PAKISTAN SELF ASSESSMENT REPORT

Selected for Self-Assessment of the Department of Pharmacy, Nazeer Hussain University, Karachi (2021-2022 and 2022-2023).

HEC STAFF DEVELOP COURSE

Participated and successfully completed Staff Development Course conducted by Higher Education Commission, Pakistan from 29th May to 24th June, 2006 at the University of Karachi.

CERTIFICATE OF APPRECIATION

1. Received a "Certificate of Appreciation" by The Dean, Almaarefa Colleges, Riyadh, Kingdom of Saudi Arabia (Now Almaarefa University) for cooperative sharing in the development of Pharmacy Department.

EXAMINER (UNDERGRADUATE / POSTGRADUATE STUDENTS)

- Appointed as an External Examiner of undergraduate / postgraduate students (MPhil & PhD) of Sindh University, Ziauddin University, Hamdard University, Islamia University, Bahuddin Zakariya University, Jinnah University for Women, Federal Urdu University, etc.

MEMBER ADVISORY BOARD

- Member Advisory Board, Pakistan Journal of Pharmaceutical Sciences, Faculty of Pharmacy and Pharmaceutical Sciences, University of Karachi
- Member Advisory Editorial Board, International Journal of Pharmacy and Pharmaceutical Sciences (IJPPS)
- Member Advisory Editorial Board, RADS Journal of Pharmacy and Pharmaceutical Sciences, Jinnah University for Women, Karachi.

EXPERT SELECTION BOARD

- Appointed as a Subject Expert for the Selection Board of Faculty of Pharmacy at Hamdard University, City Campus, Karachi held on 6th February, 2019.

WEBINARS

1. Webinar Facilitator: Giving Back to Pharmacy in Pakistan (4th May, 2024) Topic: Designing Research Questions – Practical Tips
2. Attended a Webinar on “Empowering knowledge on ethical publishing: Mastering the art of identifying predatory, fake and cloned journals” organized by Elsevier APAC Customer Success Hub on 08th June, 2022.

FLASH TALK

1. Saima Quadri, Syed Muhammad Farid Hasan and Monica Gautam Parkash Ojha; Presented a flash talk on; Analysis of Daclatasvir dissolution kinetics using ratio tests, in RAK College of Pharmaceutical Sciences, RAK Medical and Health Science University International e-conference on Drug Development 2021 held from 23-24th May, 2021 in Ras Al Khaimah, Dubai, United Arab Emirates.

POSTERS PRESENTED

1. Rabia Noor, Syed Muhammad Farid Hasan, Shazia Haider, Faheema Siddiqui, Ijaz Ahmed Presented a Poster entitled “Formulation and evaluation of polymeric nanosuspensions of meloxicam with its enhanced analgesic effect in mice” in the International Conference on Food and Applied Sciences (ICFAS-2023) held on 3-5th August, 2023 at Shaheed Benazir Bhutto University (SBBU), Sharningal (Dir), KPK, Pakistan.
2. Amir Qudwai, Syed Muhammad Farid Hasan, Muhammad Sikandar. Presented a Poster entitled “Clinical Pharmacists Role and Physician’s Acceptance in the COVID-19 ICU of Tertiary Care Hospital” in the International Conference on Food and Applied Sciences

- (ICFAS-2023) held on 3-5th August, 2023 at Shaheed Benazir Bhutto University (SBBU), Sheringal (Dir), KPK, Pakistan.
3. Tuba Shar, Syed Muhammad Farid Hasan and Sehrish Erum Presented a Poster entitled: Formulation of Orodispersible tablets of Sumatriptan Succinate for migraine treatment in the International Summit of Health Professionals: A journey from Drug Discovery to Pharmaceutical care held at Faculty of Pharmacy, The University of Lahore on 8th & 9th December, 2022.
 4. Salman Ashfaq, Nighta Razvi, S. M. Farid Hasan and Rabia Noor. Prescribing attitude of Physicians, Consultants and General Practitioners for antibiotics. Poster presented in conference entitled “Innovations in Pharmacotherapy and Disease Management” held on 26-27 September, 2018 at Institute of Pharmaceutical Sciences, Jinnah Sindh Medical University, Karachi.
 5. Rabia Noor, Syed Muhammad Farid Hasan, Salman Ashfaq Ahmad and Imran Ali. Dissolution Kinetics and Comparative brand evaluation of Meloxicam Tablets manufactured by using Soluplus[®] and Povidone. Poster presented in Scientific Research Poster Competition "Bridging Research and Healthcare" held on 28th July 2018 at Jinnah Sindh Medical University, Karachi and won First Prize.
 6. Sharonia Butt, Syed Muhammad Farid Hasan and Salman Mehmood. Dissolution Kinetics of Rosuvastatin caffeine formulation manufactured by direct compression method. Poster presented in Scientific Research Poster Competition "Bridging Research and Healthcare" which held on 28th July 2018 at Jinnah Sindh Medical University, Karachi.
 7. Tuba Sahar, Syed Muhammad Farid Hasan and Abdur Rehman. Drug Prescribing indicators in ophthalmology: A retrospective cross-sectional study. Poster presented in Scientific Research Poster Competition "Bridging Research and Healthcare" held on 28th July 2018 at Jinnah Sindh Medical University, Karachi.
 8. Farah Khalid and Syed Muhammad Farid Hasan. “Formulation development of Ibuprofen immediate release tablets for biowaiver studies”. Presented a Poster in the First National Conference on Current Research and Practices in Pharmaceutical Sciences held from 3rd to 5th November, 2017 at Faculty of Pharmacy, University of Sindh, Jamshoro organized by Faculty of Pharmacy, University of Sindh with the collaboration of HEC, Islamabad.
 9. Syed Muhammad Farid Hasan, Sharonia Butt, Syed Mohtashishmul Hasan and Steven Henry Neau. “Formulation and solubility enhancement of Rosuvastatin using complexation with caffeine”. Presented a Poster in the International Conference on New Horizons in Drug Discovery and Pharmaceutical Sciences held from 27th April, 2017 to 30th April, 2017 at Jalal Baba Auditorium, Abbottabad University of Science and Technology and won Third Prize in Poster competition.
 10. Fozia Israr, Zafar Alam Mahmood, Fouzia Hasan, Syed Muhammad Farid Hasan and Sabahat Jabeen. Study of formulation and evaluation of immediate release cefuroxime axetil tablet using sodium lauryl sulphate in different dissolution medias. Presented a Poster in Second National Conference on Research in Pharmacy & Research Poster Competition held on 7th September, 2013 at Faculty of Pharmaceutical Sciences, Dow College of Pharmacy, Dow University of Health Sciences, Karachi, Pakistan.

POSTER EVALUATION / JUDGE (WORLD PHARMACIST DAY)

1. Judge for Poster Evaluation: International e- conference on Drug Development, RAK College of Pharmaceutical Sciences, RAK Medical and Health Science University, Ras- Al-Khaimah, Dubai, United Arab Emirates (23-24th May, 2021).
2. Attended World Pharmacist Day in October, 2017 at Sheikh Zayed Islamic Centre, Karachi organized by Pharmacy Science Club, Faculty of Pharmacy, University of Karachi and appointed as a Judge for the “Ideas Innovation with Virtual Display”.
3. Attended World Pharmacist Day held on 6th October, 2015 at Sheikh Zayed Islamic Centre, Karachi organized by Pharmacy Science Club, Faculty of Pharmacy, University of Karachi and appointed as a Judge for the Analytical Expo.
4. Attended Pharma-Med Expo held on 12th March, 2015 at Sheikh Zayed Islamic Centre, Karachi organized by Pharmacy Science Club, Faculty of Pharmacy, University of Karachi and actively participated as a Judge for the evaluation of camps organized for creating awareness of some current issues related to health and medicine.
5. Participated in “World Pharmacist Day” and Poster Exhibition organized by Scientific Society, Faculty of Pharmacy, University of Karachi on 25th September, 2013 at Sheikh Zayed Auditorium, University of Karachi and appointed as a judge for poster evaluation.

INVITED / GUEST SPEAKER

1. Invited Speaker: First National Pharmacy Conference, Quaid-e-Azam College of Pharmacy, Sahiwal (22nd February, 2024) Topic: Enhancement of Ebastine solubility using Soluplus and Kollicoat IR
2. Guest Speaker: Fourth Annual Innovation In Pharmacy Conference, Giving Back to Pharmacy in Pakistan (2023) Topic: Ethics in Research Writing
3. Guest Speaker: Sindh Innovation, Research and Education Network (SIREN), LEJ, National Science Information Center, International Center for Chemical and Biological Sciences, University of Karachi (21st September, 2023) Topic: Writing a Scientific Paper
4. Guest Speaker: National Conference on Current Advancements in Pharmacy Profession (CAPP) – Theory and Practice, Faculty of Pharmacy, The University of Lahore, Lahore (2nd April, 2022).
5. Invited Speaker: International Summit of Health Professionals, Inter-Professional Efforts A Journey from Drug Discovery to Pharmaceutical Care, Faculty of Pharmacy, The University of Lahore, Lahore (8-9th December, 2022)

CHAired SCIENTIFIC SESSION

1. Chaired Scientific Session: International Summit of Health Professionals, Inter-Professional Efforts A Journey from Drug Discovery to Pharmaceutical Care, Faculty of Pharmacy, The University of Lahore, Lahore (8-9th December, 2022)
2. Attended and Chaired Third Scientific Session in First National Conference on Current Research and Practices in Pharmaceutical Sciences held from 3rd to 5th November, 2017 at Faculty of Pharmacy, University of Sindh, Jamshoro organized by Faculty of Pharmacy, University of Sindh with the collaboration of HEC, Islamabad.
3. Attended and Chaired Second Scientific Session in Second National Conference on Research in Pharmacy & Research Poster Competition held on 7th September, 2013 at Faculty of Pharmaceutical Sciences, Dow College of Pharmacy, Dow University of Health Sciences, Karachi.

CONFERENCES / PRESENTATIONS

1. Syed Muhammad Farid Hasan and Ghazala Raheem. Presented a Paper entitled “Enhancement of Ebastine solubility using Soluplus and Kollicoat IR” at the First National Pharmacy Conference entitled: “Contemporary Challenges and Apprise in Pharmacy Education and Research” held on February 22nd, 2024 at the Quaid-e-Azam College of Pharmacy, Quaid-e-Azam Educational Complex, Sahiwal, Pakistan.
2. Syed Muhammad Farid Hasan. Presented a paper on: Predicting dissolution kinetics of a new antiviral drug by ANOVA and model dependent method in National Conference on Current Advancements in Pharmacy Profession (CAPP) – Theory and Practice organized by Faculty of Pharmacy, The University of Lahore, Lahore on 2nd April, 2022.
3. Syed Muhammad Farid Hasan Presented a Paper entitled: Effect of Carbopol and HPMC on the release profiles of Vildagliptin Floating Tablets and co-chaired a scientific session in the International Summit of Health Professionals: A journey from Drug Discovery to Pharmaceutical care held at Faculty of Pharmacy, The University of Lahore, Lahore, Pakistan on 8th & 9th December, 2022.

CONFERENCES ATTENDED

1. Attended National Conference on Current Advancements in Pharmacy Profession (CAPP) – Theory and Practice organized by Faculty of Pharmacy, The University of Lahore, Lahore on 2nd April, 2022.
2. Attended First International Conference on Research Perspectives in Pharmaceutical Sciences “Transforming New Paradigms in Industry and Academia Linkages” held on October 23-25, 2019 at Faculty of Pharmacy, Hamdard University, Karachi.
3. Attended International Conference on “New Horizons in Drug Discovery and Pharmaceutical Sciences” held from 27th April, 2017 to 30th April, 2017 at Jalal Baba Auditorium, Abbottabad University of Science and Technology, Abbottabad.
4. Attended conference “Navigating the Future of Community Pharmacy in Pakistan” held on 30th September, 2015 at Sheikh Zayed Auditorium, University of Karachi.
5. Attended a conference on “Navigating the Future of Community Pharmacy in Pakistan” organized by Nurturing Community Pharmacy in Pakistan on 30th September, 2015 at Shaikh Zayed Auditorium, University of Karachi.
6. Attended 6th National Pharmacognosy Conference on “Healthcare Concerns and Phytotherapies” held on 26th June, 2014 at Research Institute of Pharmaceutical Sciences, University of Karachi.
7. Attended Saudi International Medical Education Conference (SIMEC 2012) hosted by Al-Imam Mohammad Ibn Saud Islamic University held from 24-26th April, 2012 at King Faisal Conference Hall, Intercontinental Hotel, Riyadh, Kingdom of Saudi Arabia.
8. Attended Third Biennial National Conference on Pharmacology and Therapeutics under the auspices of Pakistan Pharmacological Society and Hamdard University held on 14 & 17th January, 2005 at Hamdard University, Karachi.

WORKSHOPS CONDUCTED AND ATTENDED

1. Workshop Facilitator: First International Conference on Pharmacology and Allied Sciences (ICPAS), Department of Pharmacology, University of Karachi (25th July, 2024). Topic: Research Paper Writing.
2. Conducted a course entitled, "Journey from Research to Manuscript Writing held at Sardar Yasin Malik Professional Development Centre - University of Karachi on 9-10th February, 2023.
3. Attended a workshop on the Implementation of Pharmacovigilance (PV) in Pakistan conducted from 14-17th March 2023 organized jointly by International Pharmaceutical Federation and The Pakistan Society of Health System Pharmacists.
4. Attended One-day Hybrid Workshop entitled "Artificial Intelligence in Health Sciences" jointly organized by Center for Artificial Intelligence in Health Sciences at ICBBS and the Sindh Innovation, Research and Education Network (SIREN) with the Latif Ebrahim Jamal National Science Information Center, International Center for Chemical and Biological Sciences (LEJNSIC, ICCBS), University of Karachi on 20th December, 2021.
5. Attended One day workshop on "Secrets to Writing Winning Grant Proposal" held on 11th November, 2021 at Mohammad Ali Jinnah University, Karachi.
6. Attended One day Workshop on "Scientific Writing for Impact Factor Journals" held on 20th October, 2021 Organized by Main Communication Network University of Karachi and the Institute of Electrical and Electronics Engineers (IEEE) Karachi Section.
7. Attended a three days Online Workshop on Manuscript Writing for Researchers, May 13-16, 2020 held at Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering, University of Karachi.
8. Attended Evonik Healthcare workshop on "Eudragit® & Healthcare Workshop" on 15th November, 2017 held at Conference Hall, Pearle Continental Hotel, Club road, Karachi.
9. Attended Preconference workshops on Plagiarism and Endnote on 22nd and 23th March, 2014, in the 12th International Conference on Statistical Sciences, Dow University of Health Sciences, Karachi.
10. Attended a Workshop on Leadership Derailment Demystified® jointly organized by Seminar Committee, Faculty of Pharmacy, University of Karachi and Mursadnia, Inc on 03rd April, 2010 at RIPS, University of Karachi.
11. Attended Workshop on Role of Supervisors as First Line Managers conducted by Employers Federation of Pakistan from 25th February to 26th February, 1998 at Avari Towers, Karachi.

COURSES

1. Course Facilitator: Sardar Yasin Malik Professional Development Centre, University of Karachi (9-10th February, 2023). Topic: Journey from Research to Manuscript Writing.
2. Attended a course "Let's Break the Chain of Covid-19 infection" as part of Community Immunity Ambassador Program on 7th April, 2020 conducted by Muhammad Bin Rashid University of Medicine and Health Sciences (MBRU), Dubai, United Arab Emirates.
3. Attended Arabic Language Course held from 6th April, 2020 to 30th April, 2020 conducted by Directorate of Training, Minhaj-Ul-Quran International, Lahore.
4. Completed an online course on "Writing in the sciences" by Stanford University, USA. 2014.

5. Completed an online course on “Questioning as we learn-An introduction to critical thinking” from (INASP), UK.
6. Completed an online course on “Research writing” by Author Aid, (INASP), UK.
7. Attended a course on “Understanding Psychology of Learners” held from 02-03rd October, 2013 at Sardar Yasin Malik, Professional Development Facilities, University of Karachi.
8. Participated Course on Teaching & Research Skills Development organized by the Quality Enhancement Cell, University of Karachi on 6th to 8th May, 2006 at University of Karachi.

RESEARCH INTERESTS

- Bioavailability, Bioequivalence, Pharmacokinetics, Formulation and Product Development especially to enhance solubility and dissolution of poorly soluble drugs, Novel Drug Delivery System etc.

STUDENTS SUPERVISED

PH.D

S. No.	Student Name	Research Topic	Degree Awarded	Year
1.	Mr. Syed Imran Ali (Cosupervisor)	Pharmaceutical Analysis and Formulation Development of Pioglitazone hydrochloride tablets available in the local market and their Pharmacokinetic Study in Local Population	PhD	2018
2.	Mr. Syed Zhoab Hussain (Cosupervisor)	Phytopharmaceutical evaluation of various extracts of Carica Papaya Linn against Dengue fever.	PhD	2019

M.Phil

S. No.	Student Name	Research Topic	Degree Awarded	Year
1.	Mr. Imran Shakir	RP HPLC method development and validation for estimation of vildagliptin in bulk drug substance and in pharmaceutical dosage form	MPhil (Submitted)	2024
2.	Ms. Ghazala Rahim	Formulation development and solubility enhancement of Ebastine tablet by direct compression method	MPhil (Submitted)	2024
3.	Ms. Kanza Lodhi	Formulation and evaluation of oral disintegrating tablets of Nebivolol Hydrochloride	MPhil (Submitted)	2024
4.	Ms. Sehrish Erum	Formulation development and evaluation of gastro-retentive floating tablets of vildagliptin	MPhil	2023
5.	Ms. Tuba Sahar	Formulation and evaluation of Orodispersible tablets of Sumatriptan Succinate	MPhil	2021
6.	Ms. Zainab Bibi	Formulation and evaluation of Orodispersible tablet of Bisoprolol Fumarate	MPhil	2021

7.	Ms. Saima Quadri	Pharmaceutical Quality Pharmaceutical Quality Evaluation and <i>in-vitro</i> Dissolution Kinetics of Daclatasvir tablets available in Karachi market	MPhil	2021
8.	Mr.Salman Mahmood	Formulation development and evaluation of floating tablets of Propranolol hydrochloride	MPhil	2018
9.	Ms. Sharonia Butt	Studies on Solubility enhancement and Dissolution of Rosuvastatin immediate release tablets	MPhil	2017
10.	Ms. Farah Khalid	Studies on the Possibility of Biowaiver for Ibuprofen tablets	MPhil	2017
11.	Mr. Salman Ashfaque (Cosupervisor)	The rational use of amoxicillin, ceftriaxone and moxifloxacin in various types of respiratory tract infections	MPhil	2017
12.	Ms. Rabia Noman	Formulation Development and Optimization of Meloxicam tablets, a poorly water soluble drug and its comparative evaluation with some selected marketed brands	MPhil	2015

RESEARCH PUBLICATIONS

1. Amirreza Dowlati Beirami, Negin Akhtari, Razieh Noroozi, Dara Hatamabadi, Syed Muhammad Farid Hasan, Seyed Abdulmajid Ayatollahi, Neda Alsadat Ayatollahi and Farzad Kobarfard. Bringing back *Galium aparine* L. from forgotten corners of traditional wound treatment procedures: an antimicrobial, antioxidant, and *in-vitro* wound healing assay along with HPTLC fingerprinting study. BMC Complementary Medicine and Therapies. 24(279), 2024.
2. Rabia Noor, Syed Muhammad Farid Hasan, Shazia Haider, Faheema Siddiqui, Shahnaz Usman and Sadaf Naz. Polymeric nanoparticle formulation of Lornoxicam with enhanced aqueous solubility and improved anti-inflammatory effect. Xi'an Shiyou Daxue Xuebao (Ziran Kexue Ban)/Journal of Xi'an Shiyou University, Natural Sciences, 67 (04), 2024 DOI:10.5281/zenodo.11063869.
3. Tuba Sahar, Syed Muhammad Farid Hasan, Salman Ashfaq Ahmad, Rabia Bushra, Abdur Rehman, Rabia Noor, Shahnaz Usman, Nighat Razvi and Fouzia Hassan. Formulation of sumatriptan succinate orodispersible tablets using chitosan and sodium starch glycolate for immediate migraine relief. Pak J Pharm Sci, 37(1): 115-121, 2024.
4. Israr F, Hassan F, Ali H, Sharif H, Hasan SMF, Jabeen S, Israr Z. Study Of Antibacterial and Physicochemical Properties of Local and International Brands of Moxifloxacin Used in Clinical Patient Care in Pakistan. RADS J Pharm Pharm Sci., 10(4):159-167. 2022.
5. Soudeh Ghafouri-Fard, Neda Balaei, Hamed Shoorei, Syed Muhammad Farid Hasan, Bashdar Mahmud Hussien, Seyedeh Fahimeh Talebi, Mohammad Taheri and Seyed Abdulmajid Ayatollahi. The effects of Ginsenosides on PI3K/AKT signaling pathway. *Mol Biol Rep* (2022). <https://doi.org/10.1007/s11033-022-07270-y>
6. Salman Mehmood, Syed Muhammad Farid Hasan, Rabia Noor, Muhammad Sikandar, Syed Nadeem ul Hasan Mohani, Fauzia Israr, Syed Imran Ali, Majeed ullah, Fouzia Hassan. Influence of *Prunus domestica* gum on the release profiles of propranolol HCl

7. Zahra Sabahi, Seyed Muhammad Farid Hasan, Seyed Abdumajid Ayatollahi, Fatemeh Farmani, Afshin Afsari, Mahmoodreza Moein. Improvement of Phenolic compound extraction by using ion exchange chromatography and evaluation of polyphenol-enriched fraction of *Rosa canina* fruits. *Iran J Pharm Res.*, 2022;21(1):e126558.<https://doi.org/10.5812/ijpr-126558>.
8. Reuben Agada, Daniel Esther Lydia, Ameer Khusro, Osama Abdulaziz, Muhammad Umar Khayam Sahibzada, Abdul Baseer and Syed Muhammad Farid Hassan Studies on antioxidant, anti-diabetic and GC-MS analyses of methanol extract of *Aristolochia bracteolata* root bark Pak. *J. Pharm. Sci.*,35(5):1287-1294, 2022.
9. Sayyad Ali, Muhammad Hassham Hassan Bin Asad, Muhammad Arslan Javed, Tariq Javed, Yasser MSA Al-Kharaman, Muhammad Latif , Sabeeh Mohsin, Taufiq Nawaz, Syed Muhammad Farid Hasan, Jamshed Iqbal, Borhan Babak and Izhar Hussain. A novel synthetic derivative of biaryl guanidine as a potential BACE1 inhibitor, to treat Alzheimer's disease: In-silico, in-vitro and in-vivo evaluation Pak. *J. Pharm. Sci.*, 35(5):, 1339-1345, 2022.
10. Syeda Zainab, Syed Muhammad Farid Hasan, Rabia Noor, Farah Khalid Monica Parkash J. Ojha. *J. Prognosis and the Global Impact of the COVID-19 Pandemic - A Comprehensive Review. RADS J Pharm Pharm Sci.*, 9(1):59-7, 2021.
11. Muhammad Zaman, Faiza Akhtar, Abdul Baseer, Syed Muhammad Farid Hasan, Waqar Aman, Amjad Khan, Munair Badshah, Majeed Ullah. Formulation development and *in-vitro* evaluation of gastroretentive drug delivery system of loxoprofen sodium: a natural excipients based approach. *Pak. J. Pharm. Sci.*, 34 (1): 57-63, 2021.
12. Farah Khalid, Syed Muhammad Farid Hassan, Madiha Mushtaque, Rabia Noor, Sana Ghayas, Iyad Naeem Muhammad and Fouzia Hassan. Comparative analysis of biopharmaceutic classification system (BCS) based biowaiver protocols to validate equivalence of a multisource product. *African Journal of Pharmacy and Pharmacology*, 14(7):212-220, 2020.
13. Muhammad Imran, Tariq Javed, Asma Jabeen, Gul Mehnaz, Kalim Ullah, Nusrat Shaheen, Sofia Khalid, Muhammad Imran Amirzada, Arfat Yameen, Syed Muhammad Farid Hasan, Sajid Hussain Shah, Khalid Rauf, Gary Schenk, Ross- McGeary, Luc Pieters, Muhammad Latif, Yasser Msa Al-Kahraman, Muhammad Hassham Hassan Bin Asad. Synthesis, characterization and docking studies of amide ligands as anti-leishmanial agent Pakistan *Journal of Pharmaceutical Sciences* 33(1(Supplementary)):385-392, 2020.
14. Salman Mehmood, Syed Muhammad Farid Hasan. Data Integrity and the role of the Pharmaceutical Industry. *Journal of Pharmaceutical Policy and Practice*. 13(Suppl 1):01, 2020.
15. Madiha Mushtaque, Iyad Naeem Muhammad, Syed Muhammad Fareed Hassan, Aatka Ali and Rida Masood. Development and pharmaceutical evaluation of oral fast dissolving thin film of escitalopram: A patient friendly dosage form. *Pak. J. Pharm. Sci.*, 33(1): 183-189, 2020.
16. Sharonia Butt, Syed Muhammad Farid Hasan, Mohtasheem ul Hassan, Khalid Alkharfy and Steven Neau. Directly compressed rosuvastatin calcium tablets that offer hydrotropic and micellar solubilization for improved dissolution rate and extent of drug release. *Saudi Pharmaceutical Journal*, 27(5):619-628,2019.

17. M. Mubashir Islam Zafar, Fouzia Hassan, S. Baqir S. Naqvi, Syed Muhammad Farid Hasan, Sabahat Jabeen and Fozia Israr Evaluation of antibacterial activity of camphor, benzoin, cubebs, fenugreek, apricot and cinnamon leaf against standard cultures and clinical isolates of an array of organisms. *Pakistan Journal of Pharmacology*, 36 (1 & 2):.69-75, 2019.
18. Farah Khalid, Syed Muhammad Farid Hassan, Rabia Noor, Kamran Zaheer, Fouzia Hassan and Iyad Naeem Muhammad. Possibility of extending biopharmaceutics classification system based biowaiver to BCS class IIa drug. *Pakistan Journal of Pharmaceutical Sciences*, 32(5): 2065-2073, 2019.
19. Syeda Fatima, Tariq Javed, Sofia Khalid, Nusrat Shaheen, Nazia Aslam, Muhammad Latif, Faheem Ahmad Siddique, Sumbal Bibi, Sabeeh Mohsin, Arfat Yameen, Syed Mubasher, Ali Abid, Shujaat Ali Khan, Amina Najam, Khurram Afzal, Syed Mohammad, Syed Muhammad Farid Hasan. Evaluation of different Pakistani medicinal plants for inhibitory potential against *Echis carinatus* induced Phospholipase A2 toxicity. *Pakistan Journal of Pharmaceutical Sciences* 32(5):2269-2277, 2019.
20. Majeed Ullah, Saeed Ahmad Khan, Syed Majid Shah, Imran Rabani, Sajid Khan Sadozai, Naseer Abbas, Muhammad Hasham Hassan Bin Asad, Munair Badshah, Syed Muhammad Farid Hasan and Izhar Hussain. Understanding impact of pre-dissolved polymers on dissolution behavior of soluble carbamazepine cocrystal. *Pakistan Journal of Pharmaceutical Sciences*, 32(3):1049-1055, 2019.
21. Shafiqur Rahman, Sumbal Bibi, Tariq Javed, Fiaz Alam, Atif Ali, Ziaur Rehman Qureshi, Sayyad Ali, Majeed Ullah, Mh Hassan Bin Asad, S M Farid Hasan, Jean-Marc Sabatier, Albert A Rizvanov. Therapeutic potential of carbonic anhydrase inhibitors. *Pakistan Journal of Pharmaceutical Sciences*, 709-720, 2019.
22. Syed Zohaib Hussain, Nighat Razvi, Syed Imran Ali and Syed Mohammad Farid Hasan. Development of quality standard and phytochemical analysis of *Carica papaya* Linn leaves. *Pakistan Journal of Pharmaceutical Sciences*, 31(5)Suppl., 2169-2177, 2018.
23. Syed Imran Ali, Nighat Razvi and Syed Mohammad Farid Hasan. Development & Validation of HPLC method for the determination of Pioglitazone in Human Plasma. *Pakistan Journal of Pharmaceutical Sciences*, 4(suppl.):1489-1494, 2018.
24. Rabia Noor, Syed Muhammad Farid Hasan and Farah Khalid. Pharmaceutical technologies for fabrication of poor water soluble drugs - a review. *Baqai Journal of Health Sciences*, 22(1):2-12, 2018.
25. Aatka Ali, Iyad Naeem Muhammad, Syed Muhammad Farid Hasan and Madiha Mushtaque. Development and pharmaceutical evaluation of Clotrimazole loaded topical hydrogel Formulation. *Latin American Journal of Pharmacy*; 37(4):675-681, 2018.
26. Muhammad Hassam Hassan Bin Asad, Arooj Fatima Asad, Sumbal Bibi, Kaleem Ullah, Tariq Javed, Majeed Ullah, Atif Ali, Zia-ur-Rahman Qureshi, Muhammad Imran Amirzada, Yasser MSA Al-Kahraman, Syed Muhammad Farid Hasan, Jean-Marc Sabatier and Albert Rizvanov. Lethal toxic Dose (i.p LD50), total protein contents and comparative hemolytic potential of (^{99m}Tc labeled and non-labeled) *Naja naja* Karachiensis venom. *Pakistan Journal of Pharmaceutical Sciences*; 31(2) Suppl:685-689, 2018.
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BOOK CHAPTER

Yasir Faraz Abbasi, Syed Muhammad Farid Hasan, Functionalized biopolymers for colon targeted drug delivery, Editor(s): Hriday Bera, Buddhadev Layek, Jagdish Singh, In: Woodhead Publishing Series in Biomaterials, Tailor-Made and Functionalized Biopolymer Systems, Woodhead Publishing, 2021, Pages 535-570, ISBN 9780128214374, <https://doi.org/10.1016/B978-0-12-821437-4.00006-2>.
(<https://www.sciencedirect.com/science/article/pii/B9780128214374000062>)

LECTURES ATTENDED

1. Attended an Online lecture entitled, “Artificial Intelligence for Health Sciences” held in Latif Ebrahim Jamal National Science Information Center (LEJNSIC), International Center for Chemical and Biological Sciences (ICCBS), University of Karachi on 12th January, 2023.
2. Attended a lecture on “Pharmacy Role in Management of COVID” in Second International Conference, Innovation in Pharmacy held from 17-18 September, 2021
3. Attended a lecture on Communication Barriers and solutions to improve care provision” in Second International Conference, Innovation in Pharmacy held from 17-18 September, 2021.

SEMINARS ATTENDED

1. Syed Muhammad Farid Hasan. “Current Issues and Challenges in BA/BE Studies” Presented a Lecture in a Seminar titled : Perspective and Dimensions of Drug Product Bioequivalence in 21st Century, on 15 December 2015 at A.Q. Khan Institute of Biotechnology and Genetic engineering (KIBGE), University of Karachi organized by Bioequivalence and Bioavailability Research Facility (BBRF), Department of Pharmaceutics, University of Karachi.
2. Attended a Seminar on EndNote: The Citation Management Software held at Pharmacy Auditorium University of Karachi on February 26th, 2015 organized by Karachi University Teachers Society (KUTS).
3. Attended a Seminar ; Profession – A tool to Enhance Patient Care organized by Faculty of Pharmacy, University of Karachi in collaboration with Cando Consultancy and Training Services on 13th January, 2011 at Regent Plaza, Karachi.
4. Attended a Seminar on Hospital Pharmacy organized by Patel Hospital on 2nd December, 2009 at Patel Hospital Karachi.

SYMPOSIUMS ATTENDED

- Attended a Symposium on Hospital Pharmacy Practice organized by Ziauddin College of Pharmacy, Ziauddin University In collaboration with the Society of Hospital Pharmacists of Pakistan (SHPP) held on 17th November, 2009 at Ziauddin University, Karachi.

MEMBERSHIPS

- Academic Council, University of Karachi
- Senate, University of Karachi.
- Board of Faculty of Pharmacy and Pharmaceutical Sciences, University of Karachi
- Board of Studies, Department of Pharmaceutics, Faculty of Pharmacy and Pharmaceutical Sciences, University of Karachi.
- Board of Studies of Pharmacy Practice, Faculty of Pharmacy and Pharmaceutical Sciences, University of Karachi from 4th February, 2019 to date.
- Board of Studies, Department of Pharmaceutics, Baqai Institute of Pharmaceutical Sciences, Baqai Medical University, Karachi.
- Department Research Committee (DRC), Department of Pharmaceutics, Faculty of Pharmacy, University of Karachi from 9th January, 2018.
- Bioavailability and Bioequivalence Laboratory, Faculty of Pharmacy, University of Karachi.
- Pakistan Pharmacist Association (PPA)
- Life Member Pakistan Pharmacological Society (MPPS)
- Karachi University Pharmacy Alumni (KUPA)
- Faculty Admission Committee for the Pharm.D Reserved seats (2017-2018).