



Prof. Dr. MOHD. AQIL

M. Pharm., Ph.D., (New Delhi), P.D.F. (Australia)

Professor,
Department of Pharmaceutics,
School of Pharmaceutical Education and Research,
Jamia Hamdard Deemed University, New Delhi-110062

E-Mail: aqilmalik@yahoo.com
Official: maqil@jamiahamdard.ac.in
Office Phone: +91-11-2605 9688
Hand Phone: +91-9811798725

Professional Education

- ❖ **D. Pharm.** University of Delhi, 1988.
- ❖ **B. Pharm.** Jamia Hamdard, New Delhi, 1994.
- ❖ **M. Pharm.** Jamia Hamdard, New Delhi, 1996.
- ❖ **Ph.D.** Jamia Hamdard, New Delhi, March 2002.
- ❖ **P.D.F.** (BOYSCAST Fellow), University of Queensland, Brisbane, Australia, 2008.

Professional Career

Position held	Affiliation	Duration
Teaching Assistant	Department of Pharmaceutics, SPER, Jamia Hamdard, New Delhi – 110062	01.8.1996 to 27.1.1997
Lecturer (ad hoc)	Do	28.1.1997 to 10.9.2000
Lecturer	Do	11.9.2000 to 31.12.2005
Assistant Professor	Do	01.01.2006- 31.12.2016
Associate Professor	Do	01.01.2017- 31.12.2019
Professor	Do	01.01.2020- till date

Professional Experience

- ❖ **Teaching (27 years)**

- **Undergraduate** theory and practical classes in; Hospital Pharmacy, Clinical Pharmacy, Dispensing Pharmacy, Physical Pharmacy,
- **Postgraduate** teaching in Pharmaceutics and Pharmacy Practice.
- Conduct of Theory and Practical examinations

❖ **Research (21 years)**

- **M. Pharm. dissertation** “Development and Evaluation of Transdermal Therapeutic Systems of Pinacidil Monohydrate” (1995-1996).
- **Ph.D. Thesis** “Development and Evaluation of Transdermal Drug Delivery Systems of Some Antihypertensive Drugs” (1997-2002).
- **Research Guidance:**
Research guidance in Pharmaceutics, Quality Assurance and Pharmacy Practice at PG and doctoral level

Patents and Publications

Patents Granted	(6)	(Details: Annexure I)
Patents Filed	(3)	(Details: Annexure I)
Books Published	(13)	(Details: Annexure I)
Book Chapters Published	(13)	(Details: Annexure I)
Papers Published	(266)	(Details: Annexure I)
Papers Presented/Abstracted	(136)	(Details: Annexure I)
Seminars/Conferences/Symposia	(119)	(Details: Annexure I)
Ph.D. Theses Supervised	(12)	(Details: Annexure I)
Ph.D. Theses In progress	(6)	(Details: Annexure I)
M. Pharm. Dissertations Supervised	(48)	(Details: Annexure I)

Research Projects (12)

S. No.	Title	Name of the funding agency	Duration	Amount (Rs.)
1.	Redesigning and pharmacological evaluation of some classic Unani formulations with special reference to immunomodulatory activity, safety profile and stability studies	CCRUM. Ministry of AYUSH	2022-25	22.42 lakhs
2.	Herbal based formulation: Conversion, development and evaluation of the developed formulation	Heebs Healthcare Pvt. Ltd.	2021-22	Rs. 19.5 lakhs
3.	Lytotropic liquid crystalline nano-constructs based targeted	ICMR 45/28/2020-	2021-24	16.22 lakhs

	drug delivery system of apigenin for the management of skin cancer (AW).	Nan/BMS		
4.	Dermal nano-gel formulation of berberine for amelioration of acne vulgaris (MQ)	ICMR 45/57/2019- Nan/BMS	2019-22	16.00 lakhs
5.	A cost effective oral nanoformulation development of zoledronate for the treatment of osteoporosis (YS)	DST SR/NM/NS- 1162/2015(G)	2017-20	40.00 lakhs
6.	Development of novel optimized nanolipid carrier based drug delivery system for management of epilepsy through intranasal route (AP)	UGC 2014-15-MUS- BIH-37709 (SA- III)	2014-19	13.71 lakhs
7.	Formulation and characterization of nanoemulsion based transdermal therapeutic systems for management of hypertension	UGC Grant No. F. 30- 78/2012(SA-II)	2012-14	25.00 lakhs
8.	Preparation and development of drug formulation of nigella sativa with therapeutic potential in stroke (MAK)	AICTE Grant No. 8023/BOR/RID/ RPS-160/2008- 09	2009-11	10.00 lakhs
9.	Pharmacological evaluation and safety profile of Unani antioxidant and hepatoprotective drugs (MM)	CCRUM, Deptt of AYUSH Grant no. 3-77/2005- CCRUM/Tech	2009-10	20.00 lakhs
10.	Development and evaluation of novel penetration enhancer based transdermal drug delivery systems for management of hypertension	AICTE Grant No. 8023/BOR/RPS- 157/2006-07	2007-09	18.98 lakhs
11.	Development and evaluation of transdermal drug delivery systems of an antihypertensive drug	DST Grant No. SR /FT/L- 20/2003	2004-07	8.52 lakhs
12.	Establishment and evaluation of adverse drug reaction monitoring system in university teaching hospital	UGC Grant No. 7-28/2003 (SR)	2003-06	1.92 lakhs

Honours/Achievements/Awards

- ❖ **Resource Person**, “Interantional Conference on “Current and Future Perspectives of Pharmaceuticals in Health Care” By PRS Educational Trust with JH and DPSRU at Constitution Club of Ondia, New Delhi, 13 May 2023.
- ❖ **Certificate of recognition** conferred by **Jamia Hamdard** for a **paper published in high impact factor journal**), 28 February 2022.

- ❖ **Dr. P.D. Sethi Annual Award 2020 for Best Research Paper** on Application of TLC/HPTLC in Pharma, Herbal and other Chemical Analysis, for the paper entitled “Extraction of of 11-Keto-beta boswellic acid from Indian olibanum by contemporary extraction modes: Optimization and validation of HPTLC. **Combinatorial Chemsitry and High Throughput Screening 2021**; 24: 1-00.
- ❖ **Subject Matter Expert, TCS iON (Tata Consultancy Services)**, 23 August 2021 onwards.
- ❖ **Certificates of recognition** conferred by **Jamia Hamdard** for **4 highly cited papers**), 28 February 2019.
- ❖ **Certificates of recognition** conferred by **Jamia Hamdard** for **2 highly cited papers**), 28 February 2018.
- ❖ **Certificates of recognition** conferred by **Jamia Hamdard** for **3 Research Papers** published in **High Impact Factor Journals, (Impact factor > 3)**, 28 February 2017.
- ❖ **Certificates of recognition** conferred by **Jamia Hamdard** for **7 Research Papers** published in **High Impact Factor Journals, (Impact factor > 3) and & 7 highly cited papers**, 03 December 2016.
- ❖ **UGC Research Award 2012-14**.
- ❖ **Certificate of recognition** conferred by **Jamia Hamdard** for Research Paper published in **High Impact Factor Journal, (International Journal of Pharmaceutics, Impact Factor: 3.350)**, 14 September 2013.
- ❖ **Best Faculty Award** at the **Academic Brilliance Awards-2013**, presented by EET CRS, Noida (Delhi NCR) on 30 April 2013.
- ❖ **Chair-Person**, Poster Session, 5th National Conference on “Research Methodology, Survey and Screening of Antidiabetic Plant Drugs”, Shaheed Bhagat Singh College of Pharmacy, Patti, Amritsar, Punjab, 3-4 March, 2012.
- ❖ **Co-chairperson**, Poster Session, 5th International Conference on “Recent Advances in Cardiovascular Sciences and Translational Medicine, Amity University, Noida, UP, 16 February 2012.
- ❖ **Chair-Person**, Scientific Session, “Indian Pharma Convention” Organized by UDF and IHPA at DIPSAR, New Delhi, 12 February, 2012.
- ❖ **Chair-Person**, Scientific Session, Faculty Development Programme on “Current Research Methodology for Herbal Drug Studies”, Shaheed Bhagat Singh College of Pharmacy, Patti, Amritsar, Punjab, 8-12 February, 2012.
- ❖ **Young Muslim Scientist Award 2006** conferred by **The Muslim Association for the Advancement of Science (MAAS), Aligarh**.

- ❖ **Certificate of recognition** conferred by **Jamia Hamdard** for research Paper published in **High Impact Factor Journal, (Nanomedicine, Impact factor: 5.4)**, in 2011.

- ❖ **Certificate of recognition** conferred by Jamia Hamdard for research Paper published in **High Impact Factor Journal, (Nanomedicine, Impact factor: 5.4)**, in 2010.
- ❖ **Editor, Journal of Pharmacy and Bioallied Sciences**, MedKnow-Wolters Kluwers Publications, ISSN # 0976-4879 (PubMed Indexed).
- ❖ **Editorial Board Member**, International Journal of Pharmaceutical Progress and Health Sciences.
- ❖ **Dr. P.D. Sethi Annual Award 2010** for the Research Paper in Pharmaceutical Analysis to the paper published in **Journal of Chromatographic Sciences 48: (1): 1-6. (IF:1.135)** entitled “*Development and validation of a stability indicating RP-UPLC method for the quantitative analysis of sparfloxacin*”.
- ❖ **BOYSCAST** Fellowship of DST, Govt. of India to conduct post doctoral research at the University of Queensland, Brisbane, **Australia**, 14 May-13 November 2008.
- ❖ **Scientist of the Year Award** for 2006, conferred by National Environmental Science Academy, New Delhi, December 2007.
- ❖ **Visiting Indian Scientist to UK** (School of Pharmacy, University of London) under “International Collaboration and Exchange of Scientists Programme” jointly sponsored by Indian National Science Academy (INSA), New Delhi and Royal Society (RS), London, 17 June-15 August, 2006.
- ❖ **Young Scientist Fast Track Research Award** by Department of Science and Technology (**DST**), Ministry of Science and Technology, Govt. of India in 2003.
- ❖ **Resource Person**, 26th Management Course for Hospital Pharmacists conducted by IHPA at New Delhi, 13-19 October 2003.
- ❖ **Best Paper Award** for the year 2002 conferred by Muslim Association for Advancement of Science (MAAS), Aligarh for the paper published in European Journal of Pharmaceutics and Biopharmaceutics (54:161-164, 2002, IMPACT FACTOR 3.3).
- ❖ **Travel Grant** by Council of Scientific and Industrial Research (**CSIR**) to present a research paper at a symposium in the University of Vienna, **Vienna** (Austria), September 23-25, 2001.
- ❖ **Member, Editorial Board**, Asian Journal of Biochemistry (Ansinet Publications)
- ❖ Qualified **All India** Graduate Aptitude Test in Engineering (**GATE**) **1994** Examination Conducted by IIT and was a recipient of Junior Research Fellowship (**JRF**) (October 1994 to March 1996) of University Grants Commission (**UGC**) for pursuing M. Pharm. course.
- ❖ Meritorious prize for Distinction in **M. Pharm.** Examination in 1996.

Additional Qualifications / Training

- Symposium and Training on “Ethical Use of Laboratory Animals” (EULA-2019), Jamia Hamdard, New Delhi, 14 February 2019.

- Workshop cum Hands-on-training on “Recent Trends in Computational Bioinformatics, Jamia Hamdard, New Delhi, 15 Sep.2018.
- Faculty Development Program (**FDP**) on “Whole Brain Classroom and Modern Dynamics and Pedagogy” Organized by IQAC, JH, 08 May 2018.
- Workshop on Molecular Docking, Virtual Screening and Biologics Discovery, JH, New Delhi, 12-13 March 2018.
- XX **QIP** (Quality Improvement Program) of AICTE, at DIPSAR, New Delhi, 05-09 December, 2016.
- UGC Professional Development Program for Sr. Faculty, Jamia Millia Islamia, New Delhi, 08-13 December, 2014.
- XV Quality Improvement Program (**QIP**) sponsored by AICTE on 17-21 October, 2011 at Delhi Institute of Pharmaceutical Sciences and Research (DIPSAR), New Delhi.
- Staff Development Program (**SDP**) sponsored by AICTE on Sep.22-Oct. 06, 2003 at Jamia Hamdard, New Delhi
- Training Program on “Guiding Principles for Pharmacists: HIV/AIDS in India” sponsored by IPA and **FIP** (Community Pharmacy Section), New Delhi, August 03 and September 07, 2003.
- 1st **UGC Refresher Course** on Current Trends and Methods in Pharmaceutical Sciences for Pharmacy teachers on February 15-March 07, 2003 at Jamia Hamdard, New Delhi
- Quality Improvement Program (**QIP**) sponsored by AICTE on January 13-19, 2002 at the IIT, Roorkee.
- Quality Improvement Program (**QIP**) sponsored by AICTE on March 26-31, 2001 at the College of Pharmacy, New Delhi.
- **Teachers' Training Workshop** on October 3-4, 2001 at Jamia Hamdard, New Delhi.
- Practical training in **Computer Literacy Program** for Faculty members in April 1998, at Jamia Hamdard, New Delhi.
- 20th **Management course** for Hospital and Clinical Pharmacists, 16-22 October 1997, AIIMS, New Delhi.
- **Faculty Development Program** organized by Jamia Hamdard in association with AICTE, 1996.

Professional Memberships

1. Indian Science Congress Association (Life member, L20905)
2. Indian Pharmaceutical Association (Life member, DLH/LM/0250)
3. Association of Pharmaceutical Teachers of India (Life Member, ND/LM-008)
4. Indian Hospital Pharmacists Association (Life member, 50356)
5. Society for Pharmacovigilance, India (Life member,)
6. The Muslim Association for the Advancement of Science (Life Member, LM/2005-01B-106)
7. Indian Society of Analytical Scientists (Life Member, LM 1998)
8. National Environmental Science Academy (Life Member, 948)
9. Society for Ethnopharmacology, SFE-India (Member, SFE/17/I-1217)
10. Life Time Member, Association of Young Pharma Professionals (TAYPP)

Visits abroad

- ❖ Visited University of Dhaka, **Bangladesh** to attend 18th International Congress of International Society of Ethnopharmacology., 13-15 January 2018.
- ❖ Visited University of Queensland, Brisbane, **Australia**, for the **BOYSCAST Post Doctoral Fellowship** sponsored by DST, Govt. of India, 14 May-13 November 2008.
- ❖ Visited **UK** (University of **London**) as a Visiting Indian Scientist to UK, 17 June-15 August, 2006.
- ❖ Visited **AUSTRIA** (University of **Vienna**) to attend 4th Central European Symposium on Pharmaceutical Technology, 23-25 September 2001.
- ❖ Visited **Nepal** on B. Pharm. Educational Tour, Dec-Jan, 1992-93.

Additional Professional Assignments

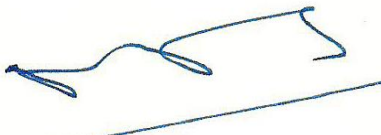
- Deputy Superintendent Examinations, SPER, Jamia Hamdard.
- Member, Board of Studies, Department of Pharmaceutics, SPER.
- Convenor/Member, Student Research Advisory Committees
- Coordinator, Distinguished Lecture Series, Jamia Hamdard.
- Member, Faculty Recruitment Screening Committee.
- Co-chairperson, National conference on “Pharmaceutical Regulatory landscape: Its Key Role and Functions”, Jamia Hamdard, 13 Feb. 2018.
- Coordinator, Rx Champions Trophy Cricket Event, JH, 05-16 February 2018.
- Faculty support, National Science Day Event, School of Pharmaceutical Education and Research, Jamia Hamdard, New Delhi, 28 Feb. 2017.
- Organizing Committee Member, National Conference on “21st Century Challenges in Pharma Regulatory Affairs: Redefining the stratagem for global competition”, Jamia Hamdard, New Delhi, 21 April 2016.
- Faculty support, International Women’s Day Celebration, Jamia Hamdard, 08 March 2016 and 2017.
- Nodal Officer for foreign students in Faculty of Pharmacy
- Participated in 52nd National Pharmacy Week Celebrations held at New Delhi, 17-23 November 2013.
- Member, Organizing Committee, **Rx 2013, 2017** (Pharma Fests), Faculty of Pharmacy, Jamia Hamdard, New Delhi.
- **Editorial Board member** and reviewer of Asian Journal of Biochemistry
- **Editorial Advisory Board member**, Chronicle of Young Scientists
- **Reviewer** of the following peer-reviewed **journals**:
 - International Journal of Pharmaceutics
 - AAPS PharmSciTech
 - Journal of microencapsulation
 - Current drug delivery
 - Journal of Biomedical Materials Research: Part B - Applied Biomaterials.
 - Expert Opinion on Drug Delivery
 - Drug Development and industrial Pharmacy
 - Nanomedicine

- Member, Executive Council, Indian Pharmaceutical Association (Delhi Branch), 2009-11.
- Reviewer, Scientific Services Committee, 62nd Indian Pharmaceutical Congress, Manipal, 17-19 Dec 2010.
- Reviewer, Scientific Services Committee, 60th Indian Pharmaceutical Congress, New Delhi, 12-14 Dec 2008.
- Member, Academic Council, Jamia Hamdard, (01-11-2003-31.10.2004)
- Member, Board of Studies, Faculty of Pharmacy, Jamia Hamdard, 2004-05.
- Convener, Sessional Examination Committee, Faculty of Pharmacy, 2003-06.
- Co-incharge, Computer Centre, Faculty of Pharmacy, Jamia Hamdard.
- Departmental administrative work as assigned
- Faculty Representative, Mark sheet Computerization work at Examination branch, Jamia Hamdard.
- Participated as Convener/Member of Sessional Examinations Committee in Faculty of Pharmacy.
- Worked as a member of the Admissions Committee for D. Pharm, B. Pharm. and M. Pharm. courses
- Member, Core Faculty Team to initiate M. Pharm. (Pharmacy Practice) Course in Jamia Hamdard (Visited JSS College of Pharmacy and JSS hospital, Mysore, to have the first-hand experience of the functioning of the Departments of Pharmacy Practice and Clinical Pharmacy, May 29-June5, 2002).
- Teacher In-charge, Athletics (2001-2005), Cricket (2006-2011), Poetry recitation, Seerat Speech and Seerat Quiz (2006-11) Events during Annual Sports and Cultural Weeks at Jamia Hamdard.
- Co-ordinated a Charity Campaign for *Times of India Gujarat Earthquake Relief Fund* in Faculty of Pharmacy, Jamia Hamdard.
- Teacher In-charge, Pharmaceutics Educational Tours for Visits to various Pharmaceutical Manufacturing Plants at Chennai, Bangalore, Mumbai and Goa in 1996,1997,1998 and 2010, along with B. Pharm final year students.
- Internal and external examiner/paper setter for various subjects in Jamia Hamdard, University of Delhi, U.P. Technical University, C.C.S. University; Meerut, M.D. University; Rohtak, G.G.S. Indraprastha University, Delhi; Integral University, Lucknow, Sharda University, Noida and Board of Technical Education, Delhi.

Personal Details

Father's Name	:	Late Mr. Mohd. Shakoore
Date of Birth	:	November 24, 1967
Nationality	:	Indian
Passport No.	:	M547**** (Validity: 2025)
Marital Status	:	Married
Address for correspondence	:	3177, Phatak Teliyan Turkman Gate Delhi 110 006

Place: New Delhi
Date: 31 July 2023



(Prof. Dr. MOHD. AQIL)

Annexure I

LIST OF PUBLICATIONS

Patents Granted/Applied

Granted (6)

1. **Aqil M**, Ahad A, Kohli K, Sultana Y, Mujeeb M, Ali A (Inventors), Jamia Hamdard (Patentee). Alpha-terpinene as a novel permeation enhancer. (**Patent # 382589, Date of Grant: 25/11/2021**) (Patent Application # 1998/DEL/2010).
2. Iqbal Z, Singh M, Solanki P, **Aqil M**, Chauhan D, Mirza MA. Nanofibres of antibiotic for inhibiting formation of biofilm **Patent # 352017, Date of Grant: 25/11/2019** (Patent Application # 201911048193A).
3. **Aqil M**, Ahad A, Kohli K, Sultana Y, Mujeeb M, Ali A (Inventors), Jamia Hamdard (Patentee). A novel formulation to transdermally delivery antihypertensive agent with permeability enhancer. (**Patent # 277571, Date of Grant: 24/11/2016**) (Patent Application # 1999/DEL/2010).
4. **Aqil M**, Ahmad FJ, Ali A (Inventors), Jamia Hamdard (Patentee). Polymeric matrix containing a potassium channel opener. **Patent # 249119, Date of Grant: 30/09/2011** (Patent Application # 2390/DEL/2004).
5. **Aqil M**, Ahmad FJ, Ali A (Inventors), Jamia Hamdard (Patentee). A pharmaceutical composition for transdermal/transmucosal delivery. **Patent # 250983, Date of Grant: 14/02/2012** (Patent Application # 2391/DEL/2004).
6. Ahmad FJ, **Aqil M**, Khar RK (Inventors), Jamia Hamdard (Patentee). A release pharmaceutical preparation for colon delivery **Patent # 248830, Date of Grant: 29/08/2011** (Patent Application # 147/DEL/2005).

Applied For (3)

1. Ahmad Shadaan, Ahmad L, Kesharwani P, Ahmad FJ, **Aqil**. Three D printed dental patch with microneedles. Indian Patent Applied.
2. Sultana N, **Aqil M**, Ali A, Qadir A. Microneedle based transdermal patch formulation of raloxifene and cholecalciferol for management of osteoporosis. (Patent Application # 202111000764).
3. Ahmad FJ, **Aqil M**, Khar RK. A buffered bioadhesive controlled release vaginal drug delivery system (Patent Application # 146/DEL/2005).

Books Published (13)

1. Kanika Sharma and **Mohd. Aqil**. **Pharmaceutics I Lab Manual**, SR Health Sciences Pvt. Ltd., New Delhi (Publisher), **2022**.

2. M. Aamir Mirza, Zeenat Iqbal and **Mohd. Aqil. Laboratory Manual of Industrial Pharmacy**, SR Health Sciences Pvt. Ltd., New Delhi (Publisher), **2022**.
3. **Mohd. Aqil**, Zeenat Iqbal and Abdul Qadir. **Pharmaceutical Quality Assurance 1 Practicals**, Birla Publications Pvt. Ltd., New Delhi, **2019-20**. (ISBN: 938426661-2).
4. **Mohd. Aqil. Textbook of Pharmacy Practice**, SR Health Sciences Pvt. Ltd., New Delhi (Publisher), **2019**. (ISBN: 978-93-86596-72-7).
5. **Mohd. Aqil** and Zeenat Iqbal. **Hospital and Clinical Pharmacy: Text Book**, SR Health Sciences Pvt. Ltd., New Delhi (Publisher), **2019**. (ISBN: 978-93-86596-60-4)
6. **Mohd. Aqil** and Abdul Qadir. **Hospital and Clinical Pharmacy: Question and Answers Book**, SR Health Sciences Pvt. Ltd., New Delhi (Publisher), **2019**. (ISBN: 978-93-86596-53-6)
7. **Mohd. Aqil** and Arshiya Praveen. **Pharmaceutical Formulation and Cosmetology**, Birla Publications Pvt. Ltd., New Delhi, **2017**. (ISBN: 938426606-X).
8. **Mohd. Aqil, Practice of Hospital, Clinical and Community Pharmacy**. ELSEVIER, New Delhi, October **2012**. (ISBN: 978-81-312-2831-9).
9. **Mohd. Aqil, Abdul Ahad, Yasmin Sultana. Laboratory Manual of Hospital Pharmacy**, Birla Publications Pvt. Ltd., New Delhi, **2009**. (ISBN: 81-89747-80-0).
10. Yasmin Sultana and **Mohd Aqil. Unit Operation in Pharmaceutical Engineering**, Birla Publications Pvt. Ltd., New Delhi.
11. **General Pharmaceutical Laws and Guidelines**, Excel Books Private Limited, New Delhi **2005**.
12. **Drug Regulatory Affairs in India**, Excel Books Private Limited, New Delhi **2005**.
13. **Information and Quality Management**, Excel Books Private Limited, New Delhi, **2005**.

Book Chapters Published (13)

1. Faria Ali, Ayesha Khan, Abdul Qadir, Mohd. Aqil and Sarwar Beg. Chapter 3: Carbon nanomaterials in controlled and targeted drug delivery. IN: Multifunctional Nanocarriers. Mehra NK, Srivastava S, Madan J, Singh PK (eds.).Elsevier, UK. ISBN: 978-0-323-85041-4, pp. 54-79, **2002**.
2. Ahad A, Akhtar N, Gupta DK, Waheed A, **Aqil M**, Al-Jenoobi IF, Al-Mohizea AM. Ethosomes: A potential vesicular carrier for drug delivery. Chapter 14 In: Systems of Naonovesicuar Drug Delivery. Nayak AK, Hasnain MS, Aminabhavi TM, Torchilin VP (eds.) Apple Academic Press, USA, ISBN: 9780323918640, pp. 221-273, **2022**.
3. Gupta DK, Ahad A, Waheed A, **Aqil M**, Al-Jenoobi IF, Al-Mohizea AM. Bilosomes: A novel platform for drug delivery. Chapter 18 In: Systems of Naonovesicuar Drug Delivery. Nayak AK, Hasnain MS, Aminabhavi TM, Torchilin VP (eds.) Apple Academic Press, USA, ISBN: 9780323918640, pp. 293-309, **2022**.
4. Jahangir MA, Muheem A, Imam SS, Ahmad FJ, **Aqil M**. Nigella sativa encapsulated nanoscaffolds and their bioactivity significance. Chapter 7 In: Biomarkers as Targeted Herbal Drug Discovery: A pharmacological approach to nanomedicines. Mahfoozur Rahman, Sarwar Beg, Mazin A Zamzami. Hani Choudhry, Aftab Ahmad, Khalid S Alharby (eds.) **Apple Academic Press, USA, ISBN: 9781771889025** (Hard cover), 9781003045526 (e Book), pp. 155-175, **2021**.
5. Abdul Qadir, **Mohd. Aqil**, and Dipak Kumar Gupta. Nanoparticulate Approaches for Improved Nutrient Bioavailability. Chapter 3 In: Advances in Nutraceuticals and Functional Foods: Concepts and Applications. Sreerag Gopi, Preetha Balakrishnan (eds.). **Apple Academic Press, USA** (Publisher), e-ISBN: 978-0-42942-571-4, Pages 423-448, **2019**.
6. Abdul Qadir, **Mohd. Aqil**, Nausheen Khan, Sarwar Beg and Mahfoozur Rahman. Market Research in Cancer Therapeutics: New and Generic Product Development. Chapter 2 In: Nanoformulation Strategies for Cancer Treatment. Sarwar Beg et al. (eds), **Elsevier**, Oxford, UK, ISBN: 978-0-12-821095. pp. 17-28, **2019**.
7. Abdul Qadir, **Mohd. Aqil**, Sarwar Beg, Mahfoozur Rahman and Nausheen Khan. Regulatory perspectives of nanomedicines for cancer treatment. Chapter 3 In: Nanoformulation Strategies for Cancer Treatment. Sarwar Beg et al. (eds), **Elsevier**, Oxford, UK , ISBN: 978-0-12-821095. pp. 29-, **2019**.
8. Arshiya Praveen and **Mohd. Aqil**. Chapter 3: Transdermal Delivery of Chitosan Based Systems. In: Functional Chitosan: Drug Delivery and Biomedical Applications. Sougata Jana and Subrata Jana (eds.), **Springer Nature, Singapore** (Publisher), ISBN 978-981-15-0262-0, Pages 75-106, **2019**.

9. Md. Rizwanullah, Sadaf Jamal Gilani, **Mohd. Aqil**, and Syed Sarim Imam. Chapter 15: Nanomedicine Therapeutic Approaches to Overcome Hypertension In: Nanomedicine for the Treatment of Disease: From Concept to Application. Sarwar Beg. Mahfoozur Rahman, Md. Abul Barkat, Farhan J. Ahmad (eds.), **Apple Academic Press, London** (Publisher), e-ISBN: 978-0-42942-571-4, Pages 423-448, **2019**.
10. Sadaf Jamal Gilani, Md. Rizwanullah, Syed Sarim Imam, Jayamanti Pandit, **Mohd. Aqil**, Meraj Alam, Sarwar Beg. Chapter 7: QbD Considerations for Topical and Transdermal Product Development. In: Pharmaceutical Quality by Design: Principles and Applications. Sarwar Beg. Md. Saquib Hasnain (eds.), **Academic Press (An Imprint of Elsevier), London** (Publisher), ISBN: 978-0-12-815799-2, Pages 131-146, **2019**.
11. Yasmin Sultana and **Mohd. Aqil**. Evaporation. Chapter 5, In: Unit Operations in Pharmaceutical Engineering. Yasmin Sultana (ed.), **CBS Publishers and Distributors Pvt. Ltd., Delhi**, ISBN: 978-93-88178-95-2, Pages 75-87, **2019**.
12. Syed Sarim Imam and **Mohd. Aqil**. Penetration Enhancement Strategies for Dermal and Transdermal Drug Delivery: An Overview of Recent Research Studies and Patents. In: Physical Methods in Percutaneous Penetration Enhancement, Nina Dragicevic and Howard I. Maibach (eds.), **Springer-Verlag Berlin** (Publisher), ISBN: 978-2-662-47038-1, Pages 337-353, **2017**.
13. Jayamanti Pandit, **Mohd. Aqil**, Yasmin Sultana. Terpenes and essential oils as skin penetration enhancers. Chapter 11, In: Percutaneous Penetration Enhancers: Chemical methods in penetration enhancement. Nina Dragicevic and Howard I. Maibach (eds.), **Springer-Verlag Berlin** (Publisher), ISBN: 978-2-662-47038-1, Pages 173-194, **2015**.

Full Papers Published (254)

Average Impact Factor Last 5 years: (4.391)

1. Adin SN, Gupta I, **Aqil M***, Mujeeb M, Najmi AK. Application of a Quality by Design-based approach in development and validation of an RP-HPLC method for simultaneous estimation of methotrexate and mangiferin in dual drug-loaded liposomes. **Biomedical Chromatography** **2023**, e5648. <https://doi.org/10.1002/bmc.5648>.
2. Khan R. Mirza MA, **Aqil M**, Alex TS, Raj N, Manzoor N, Naseef PP. Kuruniyan MS, Iqbal, Z. In vitro and in vivo investigation of a dual-targeted nanoemulsion gel for the amelioration of psoriasis. **Gels** **2023**, 9: 112. <https://doi.org/10.3390/gels9020112>.
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Invited Lectures

1. **M. Aqil**, "Proniosomal gel based transdermal drug delivery system for management of diabetes mellitus", 5th National Conference on "Research Methodology, Survey and Screening of Antidiabetic Plant Drugs", Shaheed Bhagat Singh College of Pharmacy, Patti, Amritsar, Punjab, 3-4 March, 2012.
2. **M. Aqil**, "Formulation and Development of Herbal Drugs". Faculty Development Programme on "Current Research Methodology for Herbal Drug Studies" Shaheed Bhagat Singh College of Pharmacy, Patti, Amritsar, Punjab, 8-12 February, 2012.

E-Lecture(s)

1. Uploaded e-lecture: Subject P-11 (Cosmetics), Module M26 (Dental Products) under on ePG Pathshala portal: MHRD project under National Mission on Education through ICT. **2017**.

Papers Presented/Conference proceedings (136)

1. **M. Aqil**, Poster at 3rd One day National Conference on "New Horizons in Drug Discovery and Development: The Role of NMR" Jamia Hamdard, New Delhi, 18 February **2019**.
2. **M. Aqil**, F. Khurshid, M.S. Alam, P. Kapur, R. Verma. Monitoring of adverse drug reactions associated with antihypertensive medicines at a university teaching hospital in New Delhi, National Conference on Current trends in Translational Medicine and Pharmacovigilance: Stress on Skill Development, Jamia Hamdard, New Delhi, 5-6 October **2018**.
3. **M. Aqil**, C. Thapa, A. Ahad, S.S. Imam, Y. Sultana. Formulation and optimization of nanostructured lipid carriers to enhance oral bioavailability of telmisartan. International Seminar on "Herbal pharmacovigilance: Current Scenario and future strategies", ITS college of Pharmacy, Ghaziabad, 31 August **2018**.
4. **M. Aqil**, M. Kamran, A. Ahad, S.S. Imam. Development and evaluation of olmesartan nanoemulsion. 2nd National Conference of Advanced Institute of Pharmacy, Palwal, 14 April **2018**.
5. **M. Aqil***, M. Kamran, A. Ahad, S.S. Imam, A. Qadir. Olmesartan nanoemulsion for transdermal delivery: optimization and pharmacokinetic evaluation. Conference-cum-Workshop on Molecular imaging and Drug Delivery, JH, New Delhi, 26-27 March **2018**.
6. **M. Aqil***, M. Kamran, A. Waheed. Olmesartan medoxomil invasomes for transdermal delivery: formulation, optimization and in vivo evaluation. APTICON 2018, Lloyd IMT, Noida, 24 March **2018**.
7. **M. Aqil***, S.R.M. Moghaddam, A. Ahad, A. Qadir, S.S. Imam, Y. Sultana. Formulation and optimization of diacerein niosomes for management of psoriasis. Workshop on Molecular Docking, Virtual Screening and Biologics Discovery, JH, New Delhi, 12-13 March **2018**.

8. **M. Aqil***, M. Kamran, M. Qureshi, A. Ahad, S.S. Imam. Transdermal delivery of olmesartan medoxomil: formulation, optimization by qbd and in vivo evaluation. National Seminar on Start Up and Innovation Opportunities, IIMT College, Gr. Noida, 09 March **2018**.
9. S.R.M. Moghaddam, A. Ahad, **M. Aqil**, A. Qadir, S.S. Imam, Y. Sultana. Formulation and optimization of diacerein niosomes for the management of psoriasis. National Symposium on Research Methodology, JH, New Delhi, 07 March **2018**.
10. **M. Aqil***, M. Kamran, A. Praveen, A. Ahad, S.S. Imam. Clove oil based nanoemulsion for transdermal delivery: Optimization by Design of Experiment and biological evaluation. 18th International Congress of International Society of Ethnopharmacology. University of Dhaka, Bangladesh, 13-15 Jauary **2018**.
11. M. Kamran, **M. Aqil***, A. Praveen, A. Ahad, S.S. Imam. Olmesartan medoxomil nanoemulsion for transdermal delivery: Optimization by Design Expert Software and biological evaluation. Seminar-cum-Hands-on-Training on "R Language and Drug Development" Jamia Hamdard, 30-31 Oct, **2017**.
12. Poster presented at 3rd National One day Seminar on Current Regulations in Herbal Drugs and Food Supplements, SPER, Jamia Hamdard, 16 May **2017**.
13. S.S., Moghaddam, Thasleem M., **M. Aqil***, Q Hoda, A. Ali. Nanostructured lipid carriers for topical delivery of an analgesic drug. National Conference on "Recent Advancements in Pharmaceutical Sciences and Clinical Research", Galgotias University, Greater Noida, U.P., 15 April **2017**.
14. S.S., Moghaddam, Thasleem M., **M. Aqil***, Q Hoda, M. Akhtar, A. Ali. Nanostructured lipid carriers for topical delivery of nimesulide. National Seminar on "Biomedical engineering, Food and Fermentation Technology, Jamia Hamdard, New Delhi, 28 March **2017**.
15. S.S. Imam, **M. Aqil***, A. Praveen, Q. Hoda, M. Akhtar, A. Ali. Transdermal proniosomal gel formulation for management of Schizophrenia. National Conference "A Multidisciplinary Approach to Disease in Present Health Scenario", Jamia Hamdard, New Delhi, 23 March **2017**.
16. A. Khan, **M. Aqil***, A. Praveen, Q. Hoda, S.S. Imam, A. Ahad, Y. Sultana, A. Ali. Intranasal approach for brain targeting of temozolomide using lipid nanoparticles. National Seminar on "Biotechnology in Health Care: Challenges and Opportunities", Jamia Hamdard, New Delhi, 18-19 March **2017**.
17. J Akhtar, **M* Aqil**, S Prabha, Q Hoda. Accentuated repaglinide delivery via nanoemulsion approach for management of diabetes mellitus. National Seminar on "Recent Advances in Environmental Toxicology", Jamia Millia Islamia, New Delhi, 13-14 February 2017.
18. A.A. Moghaddam, **M. Aqil***, Q. Hoda, A.K. Najmi, M. Mujeeb, M. Akhtar, M.V. Ismail, F.J. Ahmad. Nanocarrier mediated formulation for percutaneous delivery of a vinca alkaloid derivative. 2nd International Conference on "Bridging Innovations in Pharmaceutical, Medical and Biosciences", Bhopal, 11-12 February 2017.
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20. A.A. Moghaddam, **M. Aqil**, Karishma Khan, M. Thasleem, Arshiya Praveen. Nanotransfersomes of vinpocetine for management of Alzheimer's disease. National Seminar on "Evidence Based Alternative Medicine: Challenges and Opportunities", Ram-Eesh Institute, Gr. Noida, U.P., 29-30 April 2016.
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22. **M. Thasleem**, **M. Aqil**, M Aslam et al., Nanostructured lipid carriers of pioglitazone for transdermal application. National Seminar on "Reassessing the basic elements of Quality Assurance for Pharmaceutical performance using ICH Q10 guidelines", Jamia Hamdard, New Delhi, 18 March 2016.
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25. **M. Aqil**, M. Thasleem, M. Aslam et al., Transdermal drug delivery system of a beta blocker. National Conference on "Perspectives and Challenges in Pharmaceutical Science" Shree Ganpati Institute of Technology", Ghaziabad, 05 March 2016.
26. A. Ahad, **M. Aqil***, **M. Thasleem** M. Mujeeb. Utility of terpenes in transdermal delivery of propranolol Proceedings of "National symposium on New Horizons in Drug Discovery and Development", Jamia Hamdard, 16 November New Delhi, 2015, Abst # PP6.

27. J. Pandit, Y. Sultana, **M. Aqil**. PLGA nanoparticles for an extended delivery of bevacizumab to retina: Formulation and In vitro characterization. Proceedings of Advances in Nanotechnology and Renewable Energy. 28-29 April 2014, Abst # A27.
28. M. Aslam, M. Aqil, A.K. Najmi, Y. Sultana and A. Ali. Formulation and optimization of glibenclamide nanostructured lipid carrier. Proceedings of 65th Indian Pharmaceutical Congress, Delhi NCR, 20- 22 December, 2013, Abst # A201.
29. M. Sohrab, Anam Khan, **M. Aqil**, Y. Sultana and A. Ali. Nanostructured lipid carrier based transdermal gel for the management of non insulin dependent diabetes mellitus. Proceedings of 65th Indian Pharmaceutical Congress, Delhi NCR, 20- 22 December, 2013, Abst # A304.M. Aqil, PS Prasad, M. Aslam, Y. Sultana and A. Ali. Development and evaluation of transdermal niosomal gel formulation of pioglitazone. Proceedings of 65th Indian Pharmaceutical Congress, Delhi NCR, 20- 22 December, 2013, Abst # A457.
30. **M. Aqil***, M. Kamran, A. Praveen, A. Ahad, S.S. Imam. Olmesartan medoxomil nanoemulsion for transdermal delivery: Optimization by Design Expert Software and biological evaluation. Seminar-cum-Hands-on-Training on "R Language and Drug Development" Jamia Hamdard, 30-31 ct, 2017.
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48. M. Sohrab, **Anam Khan**, **M. Aqil**, Y. Sultana and A. Ali. Nanostructured lipid carrier based transdermal gel for the management of non insulin dependent diabetes mellitus. Proceedings of 65th Indian Pharmaceutical Congress, Delhi NCR, 20- 22 December, 2013, Abst # A304.
49. **M. Aqil**, PS Prasad, **M. Aslam**, Y. Sultana and A. Ali. Development and evaluation of transdermal niosomal gel formulation of pioglitazone. Proceedings of 65th Indian Pharmaceutical Congress, Delhi NCR, 20- 22 December, 2013, Abst # A457.
50. **V. Prakash**, **M. Aqil**, S.S. Imam, V. Jogpal. Formulation and optimization of transfersomes as cutaneous drug delivery system for the management of psoriasis usig design of experiment (DOE) approach. Proceedings of 65th Indian Pharmaceutical Congress, Delhi NCR, 20- 22 December, 2013, Abst # A512.
51. **M. Akhtar**, M.A. Ahmad, S.S. Imam, M. Mujeeb, **M. Aqil**, A.K. Najmi. Protective effects of niosomal formuation of Nigella sativa in middle cerebral artery occluded rats. Proceedings of 65th Indian Pharmaceutical Congress, Delhi NCR, 20- 22 December, 2013, Abst # D155.
52. **A.K. Najmi**, A.S. Nazmi, k.K. Pillai, M. Imran, M. Akhtar, M. Mujeeb, **M. Aqil**. Evaluation of steady state clinical pharmacokinetic bioequivalence of three sustained release lithium carbonate formulations. Proceedings of 65th Indian Pharmaceutical Congress, Delhi NCR, 20- 22 December, 2013, Abst # E69.
53. **M. Aqil**, **S.S. Imam**, M. Akhtar, A. Ali. Risperidone loaded proniosomes: physicochemical characterization and enhanced transdermal delivery. Proceedings of 64th Indian Pharmaceutical Congress, Chenani, 7-9 December, 2012, Abst # A436.
54. **A.K. Najmi**, V. Khan, M. Akhtar, K.K. Pillai, M. Mujeeb, **M. Aqil**. Effect of aliskiren on isoproterenol induced myocardial infarction in rats. *Frontiers in Cardiovascular Biology and 2nd Congress of the ESC Council on Basic Cardiovascular Science*, London, Abst # P545 Published in *Cardiovascular Research*; 93 (Suppl 1), S106, 15 March 2012.
55. **A.K. Najmi**, M. A. Rashikh, S.J. Ahmad, K.K. Pillai, M. Akhtar. **M. Aqil**, M. Mujeeb. Aliskiren protects in rat from experimental cardiomyopathy. *European Society of Cardiology Congress 2011*, Paris, 27- 31 August, 2011. Abst Published in *European Heart Journal* 2011; 32: 185.
56. **M. Aqil**, S.S. Imam, **M. Aslam**, A. Ali. Proniosomes as a drug carrier for transdermal delivery of risperidone, Proceedings of 63rd Indian Pharmaceutical Congress, Bangaluru, 16-18 December, 2011, Abst # A-855.
57. **S.S. Imam**, **M. Aqil**, Y Sultana, A. Ali. A validated RP-HPLC method for simultaneous determination of propranolol and valsartan in bulk drug samples. Proceedings of 62nd Indian Pharmaceutical Congress, Manipal, 17-19 December, 2010, Abst # F-410.
58. **M. Rizwan**, **M. Aqil** , Y. Sultana, A. Ali, Nanoemulsion vehicle for enhanced transdermal delivery of carvedilol, 7th World meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Malta, 8-11 March 2010, Abst # 162, pp. 96.
59. **M. Rizwan**, **M. Aqil** , Y. Sultana, A. Ali, Investigation of nanoemulsion based hydrogels of carbopol 940 for transdermal delivery of carvedilol, Third Winter School on Nanotechnology in Advanced Drug Delivery, NIPER, Chandigarh, 08-12 February 2010, Abst # 13.
60. **H. Gupta**, **M Aqil**, R.K. Khar, A. Ali, A. Bhatnagar, G Mittal. Levofloxacin nanoparticle laden in situ gel for control ocular drug delivery, CRS 2010. Portland, Oregon USA, Abs # ...

61. M. Rizwan, **M. Aqil**, Y. Sultana, Asgar Ali. Mechanism of enhanced transdermal delivery of carvedilol via nanoemulsion hydrogel, Proceedings of 61st Indian Pharmaceutical Congress, Ahmedabad, Dec. 11-13, 2009, Abst # A-321, pp. 79.
62. A. Ahad, **M. Aqil**, K. Kohli, Y. Sultana. Comparative effects of eucalyptol and iso-eucalyptol on transdermal delivery, Proceedings of 61st Indian Pharmaceutical Congress, Ahmedabad, Dec. 11-13, 2009, Abst # A-278, pp. 68.
63. M.Q. Hassan, M.S. Ansari, M. Sharma, A.K. Najmi, U.K., Khayyam, **M. Aqil**, M.S. Alam, Study of factors contributing to non-compliance of dots among tuberculosis patients, 9th Annual Conference of Society of Pharmacovigilance (India), Sirsa, 20-22 NOV 2009, Abst # SPRS-15, p. 47 (**BEST POSTER AWARD**)
64. M.R. han, **M. Aqil**, M.S. Alam, S. Ali, A.K. Najmi, P. Kapur, K.K. Pillai, Antihypertensive medicines and adverse drug reactions: A pharmacovigilance study, 9th Annual Conference of Society of Pharmacovigilance India, Sirsa, 20-22 NOV 2009, Abst # SPRS-3, p. 42
65. F. Khurshid, M. Shamshir Alam, **M. Aqil**, A.K. Najmi, M. Akhtar, M. Mujeeb, P. Kapur, K.K. Pillai, Current prescribing pattern of antihypertensive medicines in a university teaching hospital, IHPA National Convention 2009, CSM Medical University, Lucknow, 24-25 OCT 2009, Abst # P2, pp.23.
66. H. Gupta, **M. Aqil**, R.K. Khar, A. Ali, A. Bhatnagar and G. Mittal, Levofloxacin encapsulated PLGA nanosuspension for sustained ocular drug delivery, Seventh International Nanomedicine and Drug Delivery Symposium, Indianapolis, Indiana, 5-6, OCT 2009, pp. 53.
67. N. Mitra, A. Ali, **M. Aqil** and Y. Sultana, Topical microemulsion of an antiglaucoma agent, 14th National Convention of Association of Pharmaceutical Teachers of India, Jodhpur, Rajasthan, 3-4 OCT 2009, Abst # A-81, pp SA22.
68. A. Ahad, **M. Aqil**, K. Kohli, Y. Sultana and M. Mujeeb. Skin permeation mechanism of valsartan from transdermally applied gel formulation using 1, 8-cineole as permeation enhancer. British Pharmaceutical Conference, Manchester, **UK**, 06-09 SEP 2009. Journal of Pharmacy and Pharmacology, Supplement 1, Abst. # 82, pp. A-61
69. M. Rizwan, **M. Aqil**, Y. Sultana and A. Ali. Nanoemulsion vehicle for enhanced transdermal delivery of carvedilol. British Pharmaceutical Conference, Manchester, **UK**, 06-09 SEP 2009. Journal of Pharmacy and Pharmacology, Supplement 1, Abst. # 49, pp. A-38
70. M. Skwarczynski, M. Zaman, C.N. Urbani **M. Aqil**, M.J. Monteiro, M.R. Batzloff, M.F. Good and I. Toth. Development of new vaccine delivery platform based on polyacrylate dendrimers, 7th AFMC International Medicinal Chemistry Congress (AIMECS) Cairns, **Australia**, 23-27 August 2009.
71. H. Gupta, **M. Aqil**, R.K. Khar, A. Ali, A. Bhatnagar and G. Mittal. Nanoparticle laden in situ gel for sustained ocular drug delivery. Second Summer School on Nanotechnology in Advanced Drug Delivery, NIPER, Chandigarh, Punjab, 10-14 August 2009. (Budding Nanotechnologist Award to Mr. Himanshu Gupta)
72. S. Farooqui, M. Sharma, **M. Aqil**, M. S. Alam, F. Imam, Shalini Sud. A prospective study of Drug Utilization Pattern of Antianemic Drugs and monitoring of adverse drug reactions at Majeedia Hospital, New Delhi. Proceedings of RCH-Pharmed Conference, New Delhi, 17-18 April, 2009.
73. A. Ahad, **M. Aqil**, K. Kohli, Y. Sultana and M. Mujeeb, Effect of eugenol on transdermal delivery of valsartan: a mechanistic study, Proceedings of National Seminar on Emerging Trends in Pharmaceutical Sciences, Jamia Hamdard, New Delhi, 21-22 March 2009.
74. M. Rizwan, M. Aqil, Y. Sultana, A. Ali, Enhanced transdermal delivery of carvedilol using nanoemulsion as vehicle, Indian Congress of Pharmacy and Pharmaceutical Sciences-2009 and IPA Convention-2009, New Delhi, 14-15 MAR 2009, Abst OP01, pp. 1.
75. **M. Aqil**, M.R. Khan, P. Kapur, K.K. Pillai, Pharmacovigilance of antihypertensive medicines in a hospital based clinic, Proceedings of 60th Indian Pharmaceutical Congress, New Delhi, 12-14 December, 2008, Abst #
76. Development of oral sustained-release formulation of isoniazid/ alginate/chitosan-blend microspheres for intestinal delivery, British Pharmaceutical Conference, Manchester, **UK**, 07-09 SEP 2008. Journal of Pharmacy and Pharmacology, Supplement 1, Abst. # 134, pp. A-53
77. A. Samad, Y. Sultana, R.K. Khar, M. Aqil and A.K. Misha, An ICH-guided, validated, stability-indicating high-performance liquid chromatography assay method for estimation of carvedilol in bulk drug, tablet and nano-emulsion formulations, British Pharmaceutical Conference, Manchester, **UK**, 07-09 SEP 2008. Journal of Pharmacy and Pharmacology, Supplement 1, Abst. # 18, pp. A-7.
78. H. Gupta, **M. Aqil**, R.K. Khar, A. Ali, A. Bhatnagar and G. Mittal, Development and characterization of Tc-99m timolol maleate for evaluating efficacy of in situ ocular delivery system, 9th AOCNMB 2008, New Delhi, Indian journal of Nuclear Medicine, 23(2): July-Dec 2008, Abst # M-19, p. 173.

79. Proniosomes as novel vesicular carriers for transdermal permeation enhancement of frusemide, 59th Indian Pharmaceutical Congress, Varanasi, 21-23 DEC 2007, Abst # A120, pp.31.
80. Monitoring of adverse drug reactions associated with antihypertensive medicines in a south Delhi Hospital, 7th Annual Conference of Society of Pharmacovigilance India, Jaipur, 23-25 NOV 2007. **(BEST POSTER AWARD)**
81. Transdermal delivery of losartan potassium: Effects of essential oils as penetration enhancers and their mechanism of enhancement, 12th APTI Annual National Convention, Chandigarh, 25-27OCT 2007. Abst # B-49.
82. Non-ionic surfactant based nanovesicular carrier for permeation enhancement of BCS class IV drug, 34th Annual Meeting of the Controlled Release Society, Long Beach, California, **USA**, 7-11 JULY 2007.
83. Novel solubility/bioavailability enhancing strategies, Proceedings of National seminar on emerging trends in pharmaceutical education and research, Sirsa, Haryana, 28 April 2007, p.81.
84. Development and evaluation of transdermal therapeutic system of enalapril maleate using piperidine hydrochloride as penetration enhancer, International Conference on Advances in Drug Discovery Research (11th ISBCBC), Aurangabad, 24-26 FEB 2007, Abst # PP-62, pp. 110.
85. Utilization pattern of antimicrobials at a university teaching hospital in Delhi, 2nd International Conference and Indo-Canadian Satellite Symposium on Pharmaceutical Science, Technology, Practice and Natural Products. Ooty, 24-26 FEB 2007, Abst # PP-5, pp. 280.
86. Biotechnological approaches for the production of quercetin in *Nigella sativa* Linn.. 2nd International Conference and Indo-Canadian Satellite Symposium on Pharmaceutical Science, Technology, Practice and Natural Products. Ooty, Feb 24-26, 2007, pp. 281
87. Stability indicating HPTLC method for determination of forskolin in pharmaceutical dosage forms, 58th Indian Pharmaceutical Congress, Mumbai, Dec. 01-03, 2006, Abst # CP9, pp.195, **BEST POSTER AWARD.**
88. Gelrite based ocular in situ gelling formulation of ofloxacin, 58th Indian Pharmaceutical Congress, Mumbai, Dec. 01-03, 2006, Abst # AP126, pp.132.
89. Novel complexation of furosemide with fulvic acid extracted from shilajit: Characterization of the interaction in the solid state, 58th Indian Pharmaceutical Congress, Mumbai, Dec. 01-03, 2006, Abst # AP19, pp.97.
90. Effect of various terpenes on skin permeation of valsartan, 7th Annual Meeting of Skin Forum, Medical College Hospital, University of Sheffield, **Sheffield, UK**, June 21-23, 2006, Abs # 6, pp.6.
91. Humic substances-Linking structure to functions, 13th Meeting of the International Humic Substances Society, Universitat Karlsruhe (TH), Karlsruhe, Germany, July 30-Aug 4, 2006.
92. Bacterial Contamination of blood components: Risk strategies and regulations, International symposium on "Human Genomics and Public Health", School of life Sciences, Jawahar Lal Nehru University, New Delhi, Feb 27-Mar 01, 2006, Abst # P-235, pp. 153.
93. Public perception of community pharmacist in Delhi (India), School of life Sciences, Jawahar Lal Nehru University, Feb 27-Mar 01, 2006, New Delhi, Abstract # P-236, pp. 154.
94. Need of Awareness of Pharmacists in gene therapy, School of life Sciences, Jawahar Lal Nehru University, New Delhi, Feb 27-Mar 01, 2006, Abst # P-237, pp. 154.
95. Ornithine aspartate protects against thiocetamide induced hepatic encephalopathy in rats, Indian Pharmaceutical Congress, Hyderabad, 03 December 2005. Abst # EP-13. pp. 251.
96. Comparative bioavailability of metoprolol tartrate after oral and transdermal administration in healthy male human volunteers, 3rd North Zone Conference of Indian pharmacological Society, New Delhi, April 23, 2005, Abst # PP05.
97. Emulsification-crosslinking method for preparation of alginate microspheres of hydrophilic drugs, 32nd CRS meeting, Miami, Florida, **USA**, June, 2005 Abst # 563.
98. Hydrogel microparticles of a model drug for sustained oral delivery- formulation and evaluation, Biohorizon 2005, IIT, Delhi, March 2005, pp. 52
99. Biodegradable microspheres of isoniazid for oral sustained delivery in vivo studies, Biohorizon 2005, IIT, Delhi, March 2005, pp. 53-4
100. Preparation and evaluation of polymeric films for dermal delivery of and antihypertensive drug. Biohorizon 2005, IIT, Delhi, March 2005, pp. 54-5.
101. Gelrite based ocular in situ gelling formulation of ofloxacin, Biohorizon 2005, IIT, Delhi, March 2005, pp. 57.

102. A 4-month pharmacovigilance study in the department of medicine of a 150 bedded teaching hospital, International Workshop on Adverse Drug Reaction Monitoring, Bareilly, U.P., January 22-23, 2005. Abst # OP4, Published (Sharma H, **Aqil M**, Kapoor P, Pillai KK, Imam F. Supplement to Journal of Pharmacovigilance and Drug Safety 2005;2 :70.
103. Microencapsulation of rifampicin, a model drug in Gelrite® for oral sustained delivery, XV National Conference, Society for Biomaterials and Artificial Organs- Thiruvananthapuram India, January 21-22, 2005 Abstracts pp. 24.
104. Ornithine aspartate protects against thiocetamide induced hepatopathy in rats, 2nd International Conference on Recent Advances in Biomedical and Therapeutic Sciences, Jhansi, U.P., January 6-8, 2005.
105. Monolithic matrix type transdermal therapeutic systems of labetalol hydrochloride: In vitro and in vivo characterization, 56th IPC, Kolkata, December 3-5, 2004.
106. Transdermal drug delivery of labetalol hydrochloride: formulation development and in vitro characterization, AAPS Annual Meeting, USA, 2004.
107. Reporting adverse drug reactions, International Convention of APTI, Andhra University, Visakhapatnam, October 2-3, 2004.
108. Transdermal drug delivery of labetalol hydrochloride: formulation development and in vitro characterization. The AAPS Journal 2004;6(4): Abstract W4200.
109. Ornithine aspartate protects against thiocetamide induced hepatogenic oxidative stress in rats. *Journal of Gastroenterology and Hepatology* 2004;19 (S):A750.
110. Hepatoprotective activity of jigrine against galactosamine induced hepatopathy in rats. *Indian Journal of Pharmacology* 2004;36 (2):125-125.
111. Exclusive website for notification of teaching cadre vacancies in higher education Institutions, International Convention of APTI, Andhra University, Visakhapatnam, October 2-3, 2004.
112. Orientation program for B. Pharm. first year students, International Convention of APTI, Andhra University, Visakhapatnam, October 2-3, 2004.
113. Investigation into the potential for transdermal delivery of labetalol hydrochloride, 31st CRS meeting, **USA**, June 12-16, 2004 (Abst # 212).
114. Hepatoprotective potential of jigrine against thiocetamide induced liver damage in rats, 5th Annual Symposium on Frontiers in Biomedical Research, Dr. B. R. Ambedkar Centre for Biomedical Research, University of Delhi, April 14-16, 2004.
115. Role of almond oil in the treatment of cutaneous photoaging in mice, National Workshop on Institute-Industry Interaction on Research in Unani Medicine to identify areas of collaboration, New Delhi, Jan. 7-9, 2004 (Abst # 23)
116. Jigrine protects against d- galactosamine induced oxidative stress in rats, International Symposium in recent advances in Pharmacology sponsored by International Academy of Cardiovascular Research, Jan. 7-8, 2003 (Abst # P-1-24).
117. Hepatoprotective activity of jigrine against galactosamine induced hepatopathy in rats, 36th Annual Conference of the Indian Pharmacological Society, organized by Vallabhbai Patel Chet Institute, Delhi at India Habitat Centre, New Delhi, December 5-7, 2003 (Abst #110)
118. Adverse effects of herbal drugs, 3rd Annual Conference of Society of Pharmacovigilance India, Agra, Dec. 12-13, 2003.
119. Problems in pharmacovigilance of herbal preparations: Indian scenario, 3rd Annual Conference of Society of Pharmacovigilance India, Agra, Dec. 11-12, 2003.
120. Transdermal drug delivery systems of metropolol tartrate; in vivo characterization, 1st EUFEPS Conference on Optimizing Drug Delivery and Formulation; New Challenges in Drug Delivery, Versailles (Paris), France, Sep. 29-Oct 01, 2003.
121. Liquid Crystalline Proniosomal Gel bearing Cyclosporin for Improved Transdermal Delivery, 1st EUFEPS Conference on Optimizing Drug Delivery and Formulation; New Challenges in Drug Delivery, Versailles (Paris), France, Sep. 29-Oct 01, 2003.
122. Carbopol-methylcellulose based ocular sol to gel system of pefloxacin mesylate, 30th Annual Meeting of the Controlled Release Society, Glasgow, (Scotland) June, 2003 (Abst # 481).
123. Ocular inserts for controlled ocular delivery of pefloxacin mesylate, 30th Annual Meeting of the Controlled Release Society, Glasgow, (Scotland) June, 2003 (Abst # 482).

124. Development and evaluation of transdermal drug delivery systems of metoprolol tartrate, 30th Annual Meeting of the Controlled Release Society, Glasgow, (Scotland) June, 2003 (Abst # 857).
125. Ocular inserts of pefloxacin mesylate: In vivo and in vitro studies, 5th International Symposium on Innovations in Pharmaceutical Sciences and Technology, Mumbai, February 1-3, 2003.
126. Improvement in bioavailability of topically applied pefloxacin mesylate by sol to gel system: in vitro and in vivo studies, 54th Indian Pharmaceutical Congress, Pune, December 13-15, 2002. Transdermal therapeutic systems of pinacidil monohydrate: in vivo characterization, 54th Indian Pharmaceutical Congress, Pune, December 13-15, 2002.
127. Effective communication in classroom teaching, 54th Indian Pharmaceutical Congress, Pune, December 13-15, 2002.
128. Some Future Aspects of Clinical Pharmacy in India, 7th Annual Convention of Association of Pharmacy Teachers of India (APTI), Goa, September 20-22, 2002.
129. Need for upgrading Pharmacy Education, 7th Annual Convention of Association of Pharmacy Teachers of India (APTI), Goa, September 20-22, 2002.
130. Transdermal Drug Delivery Systems of Metoprolol, 29th Annual Meeting of the Controlled Release Society, Seoul, Korea, June 20-25, 2002.
131. Transdermal Drug Delivery Systems of a β -Blocker, Advances in Technology and Business Potential of New Drug Delivery Systems, Mumbai, February 22-23, 2002.
132. Monolithic Matrix Type Transdermal Therapeutic Systems of an Antihypertensive Drug-Metoprolol, 53rd Indian Pharmaceutical Congress, New Delhi, December 21-23, 2001.
133. Development and Evaluation of Transdermal Drug Delivery Systems of Metoprolol, 4th Central European Symposium on Pharmaceutical Technology, Vienna (Austria), September 23-25, 2001. Published (**Aqil M**, Ali A. *Scientia Pharmaceutica* 2001;69(3):S224).
134. Effective Classroom Communication, APTI, 6th Annual Convention, Nashik, September 22-23, 2001.
135. Development and Evaluation of Transdermal Drug delivery systems of Pinacidil Monohydrate, 49th Indian Pharmaceutical Congress, Thiruvananthapuram, December 18-21, 1997.
136. Investigation into the Potential for Transdermal Delivery of Pinacidil Monohydrate, 48th Indian Pharmaceutical Congress, Chennai, December, 1996.

SEMINARS /CONFERENCES/WORKSHOPS/SYMPOSIA/INVITED LECTURES

Organized (17)

1. Organizing Secretary, International Conference on Nanotechnology & Drug Delivery (ICNND-23), Department of Pharmaceutics, SPER, Jamia Hamdard, New Delhi, 9-10 February 2023.
2. Organizing Chairperson, SPER Golden Jubilee Intra School Cricket Tournament, Jamia Hamdard, New Delhi, 9-13 January 2023.
3. LOC Member and Session Coordinator International IASTAM Conclave 2022 on Multi Targeted Therapeutics in Unani and Ayurvedic Medicine & Food Supplement, Jamia Hamdard, 29-30 July 2022.
4. Coordinator, Symposium on "The 2019 Nobel Prizes: What Got Them the World's Most Prestigious Award?" Jamia Hamdard, New Delhi, 25 November 2019.
5. Coordinator, Invited Alumni Lecture (Mr. Ehtishamul Haque), SPER, Jamia Hamdard, New Delhi, 18 October 2019.
6. Coordinator, Pharmacovigilance Symposium, SPER, Jamia Hamdard, New Delhi, 03 March 2017.
7. LOC Member, 21st Century Challenges in Pharma Regulatory Affairs: Redefining the Stratagem for Global Competition. Jamia Hamdard, New Delhi, 21 April 2016.

8. Coordinator, Invited Lecture by Mr. Khalid Rafi on "Advances in Pharma Research" Under Industry-Academia Interaction Series, Jamia Hamdard, New Delhi, 24 Feb 2016.
9. Coordinator, Invited Lecture by Mrs. Nupur Goel on "Quality Assurance in Clinical Research" in Drug Delivery" Under Industry-Academia Interaction Series, Jamia Hamdard, New Delhi, 09 Feb 2016.
10. Coordinator, Invited Lecture by Prof. Naushad Ghilzai on "Recent Advances in Drug Delivery" Under Industry-Academia Interaction Series, Jamia Hamdard, New Delhi, 05 Feb 2016.
11. Coordinator, Invited Lecture by Dr. Achal from AIIMS on "Ataxia Awareness" in association with SAMAG, Jamia Hamdard, New Delhi, 2013.
12. India Pharma Convention, Scientific Screening Committee, DIPSAR, New Delhi, 12 February 2012.
13. Technical Workshop on WHO-GMP aspects and global regulatory affairs jointly organized by the IPA (Delhi Branch) and Centre for Active Learning, Guidance and Solutions, Udaipur at Jamia Hamdard, New Delhi, 16-17 October 2011.
14. UGC-SAP sponsored National Seminar on "Role of GCMS, Flash Chromatography and HPTLC in Botanical Drug Development", organized at Jamia Hamdard, 17 January 2011.
15. Intellectual Property Rights Awareness Seminar on Pharmaceuticals sponsored by DST, Jamia Hamdard, New Delhi, 26 February 2005.
16. Staff Development Program sponsored by AICTE, Jamia Hamdard, New Delhi, 22 September-06 October, 2003
17. Member, Local Organizing Committee, 45th IPC, New Delhi, 23-25 December, 1993.

Attended (119)

1. National Workshop-cum-Hands on "Training on Pharmacovigilance-Industry Practices", Jamia Hamdard, 16 February **2023**.
2. Seminar on Research Ecosystem in Higher Education institutions and its impact on accreditation and Ranking, Jamia Hamdard, 01 August **2022**.
3. International IASTAM Conclave 2022 on Multi Targeted Therapeutics in Unani and Ayurvedic Medicine & Food Supplement, Jamia Hamdard, 29-30 July **2022**.
4. Webinar on "Recent Trends in Pharmacovigilance and Drug Safety" organised by Centre for Translational and Clinical Research, SCLS, Jamia Hamdard, 23 Sep. **2021**.
5. AICTE sponsored "e-conference on Phytopharmaceuticals" Jamia Hamdard, 6 August **2020**.
6. International Webinar Series: Pharmacy Profession in India; Present Status and Future Challenges. University of Kashmir, 14 July **2020**.
7. Webinar on "Interprofessional Education" JSS Academy of Higher Education & Research, Mysuru with PCI, 13 June **2020**.
8. JH Covid-19 Webinar Series: 1st Webinar on "Prevention is better than cure: Potential Unani Solution for Covid-19" May 13, **2020**.
9. Webinar series' "Quality Assurance in Higher Education : Practices And Issues" May 4-8, **2020**, IQAC, Hansraj College, Delhi.
10. Training Seminar on 'Chromatographic Solutions: The Science and Practice of HPLC", Jamia Hamdard, New Delhi, 25 September **2019**.
11. Interactive session, on "Phytoparmaceuticals: Development, Regulatory, IPR & Marketing Challenges", Jamia Hamdard, New Delhi, 5 April **2019**.
12. 3rd One day National Conference on "New Horizons in Drug Discovery and Development: The Role of NMR" Jamia Hamdard, New Delhi, 18 February **2019**.
13. National Conference on Current trends in Translational Medicine and Pharmacovigilance: Stress on Skill Development, Jamia Hamdard, New Delhi, 5-6 October **2018**.
14. International Seminar on "Herbal pharmacovigilance: Current Scenario and future strategies", ITS College of Pharmacy, Ghaziabad, 31 Aug. **2018**.
15. National Seminar on Food Safety and Hygiene, Jamia Hamdard, 19 April **2018**.
16. 2nd National Conference of Advanced Institute of Pharmacy, Palwal, 14 April **2018**.
17. Conference-cum-Workshop on Molecular imaging and Drug Delivery, JH, New Delhi, 26-27 March **2018**.
18. APTICON 2018, Lloyd IMT, Noida, 24 March **2018**.
19. 2nd National Seminar on Start Up and Innovation Opportunities in Pharma Sector, IIMT College of Pharmacy, G. Noida, 09 March **2018**.
20. National Symposium on Research Methodology, JH, New Delhi, 07 March **2018**.

21. National Seminar on Start Up and Innovation Opportunities, IIMT College, Gr. Noida, 07 March **2018**.
22. National Conference on "Recent Advances in Pharmaceutical Education & Research", Jamia Hamdard, 26 February **2018**.
23. National Seminar on "Pharmaceutical Regulatory Landscape and Functions" Jamia Hamdard, 13 Feb **2018**.
24. 18th International Congress of International Society of Ethnopharmacology. University of Dhaka, **Dhaka**, Bangladesh, 13-15 January **2018**.
25. Workshop on Application of NMR spectroscopy in Chemistry, Jamia Hamdard, 14 December **2017**.
26. Symposium on "2017 Nobel Prizes: What got them the most prestigious Award?", 28 Nov. **2017**.
27. Conference on "Islamic Law (Sharia) and the Contemporary Indian Society", Jamia Hamdard, 22-23 Nov, **2017**.
28. Seminar-cum-Hands-on-Training on "R Language and Drug Development" Jamia Hamdard, 30-31 Oct, **2017**.
29. National Workshop "Challenges and Opportunities in Data Analytics and its Applications", sponsored by SERB - DST, Govt. of India, Jamia Hamdard, 16 Oct., **2017**.
30. Workshop on Dissolution Techniques and its Clinical Relevance, KIET School of Pharmacy, Ghaziabad, 07 Oct. **2017**.
31. Workshop on "Use of ICT in Sustainable Development", sponsored by SERB - DST, Govt. of India, Jamia Hamdard, 3-4 Oct., **2017**.
32. 3rd National One day Seminar on Current Regulations in Herbal Drugs and Food Supplements, SPER, Jamia Hamdard, 16 May **2017**.
33. National Conference on "Recent Advancements in Pharmaceutical Sciences and Clinical Research, , Galgotias University, Greater Noida, U.P., 15 April **2017**.
34. National Seminar on "Biomedical engineering, Food and Fermentation Technology, Jamia Hamdard, New Delhi, 28 March **2017**.
35. Seminar on "Say NO to Drugs", Ramanujan College, University of Delhi, 29 March **2017**.
36. National Conference "A Multidisciplinary Approach to Disease in Present Health Scenario", Jamia Hamdard, New Delhi, 23 March **2017**.
37. National Seminar on "Biotechnology in Health Care: Challenges and Opportunities", Jamia Hamdard, New Delhi, 18-19 March **2017**.
38. Symposium on "Unity is the Pre-requisite for the Progress of Islamic Civilization", Jamia Hamdard, New Delhi, 17 Feb. **2017**.
39. National Seminar on "Recent Advances in Environmental Toxicology", Jamia Millia Islamia, New Delhi, 13-14 February **2017**.
40. 2nd International Conference on "Bridging Innovations in Pharmaceutical, Medical and Biosciences", Bhopal, 11-12 February **2017**.
41. National Conference on "Current Issues Challenges facing the Pharmacy Profession, Glocal University, Saharanpur, 19 November 2016.
42. National Conference on "Industry Expectation from Academia", 12 November 2016.
43. National Workshop on "Recent Advances in Physiological Techniques" HIMSR, Jamia Hamdard, New Delhi, 20 Sep 2016.
44. National Seminar on "Evidence Based Alternative Medicine: Challenges and Opportunities", Ram-Eesh Institute, Gr. Noida, U.P., 29-30 April 2016.
45. National Conference on "21st Century Challenges in Pharma Regulatory Affairs: Redefining the stratagem for global competition", Jamia Hamdard, New Delhi, 21 April 2016.
46. National Seminar on Reassessing the basic elements of Quality Assurance for Pharmaceutical performance using ICH Q10 guidelines, Jamia Hamdard, New Delhi, 18 March 2016
47. ational Conference on PAT and QbD- The enablers of Pharmaceutical Industry, Jamia Hamdard, New Delhi, 17 March 2016.
48. International Conference on nurturing global health Care, Amity University, Noida, U.P. 11-12 March 2016.
49. National Conference on "Perspectives and Challenges in Pharmaceutical Science" Shree Ganpati Institute of Technology", Ghaziabad, 05 March 2016.
50. Seminar on "Intellectual Property Rights (IPR)" & "Regulatory Affairs" DODL, Jamia hamdard, New Delhi, 03 November 2015.
51. Two Days Workshop on Recent Advancements in Molecular Modeling and Drug Design, Jamia Hamdard, New Delhi, 21-22 Nov 2015.

52. National symposium on New Horizons in Drug Discovery and Development, Jamia Hamdard, 16 November New Delhi, 2015.
53. 28th Annual Conference of Indian Society for Atherosclerosis Research & CME on "New Paradigms in Atherosclerosis & Cardiovascular Disorders, 29-31 October, Jamia Hamdard, New Delhi, 2015.
54. One Day Workshop "Industry-Academia Interaction-2015, Jamia Hamdard, New Delhi, 03 September 2015.
55. 7th International Conference on "Recent Advances in Cardiovascular Sciences", Amity University, Noida, U.P. 10-11 March 2015.
56. UGC sponsored 2nd National Seminar on "Regulatory and Quality Aspects of Herbal Drugs and Botanicals", Jamia Hamdard, New Delhi, 01 February 2014.
57. 65th Indian Pharmaceutical Congress, Delhi NCR, 20- 22 December, 2013.
58. Seminar on "Practical Solutions to Challenges in Research Ethics- A focus on Human research Protection Program" Medanta- the Medicity, Delhi NCR, 29-30 June 2013.
59. Summit on "Woman and Child Health", Royal Plaza, New Delhi, 01 November 2012.
60. Seminar on "Quest for Quality Generics", ASSOCHAM House, New Delhi, September 2012.
61. International Conference on "Recent Advances in Cardiovascular Sciences and Translational medicine, Amity University, Noida, UP, 16 February 2012.
62. Webinar on "Enhancing productivity and accuracy in drug metabolism studies with latest arbitrap technology" on 06 December 2011 at 1600 GMT webcast on www.mediazone.brighttalk.com/event/Reed/Elsevier/ccaf8f108b5-5677-event.
63. Workshop on Patenting Process, Jamia Hamdard, New Delhi, 22 November 2011.
64. National Seminar on Recent Trends in Drug Discovery Development, B.S. Anangpuria Institute of Pharmacy, Faridabad, 26 March 2011.
65. 62nd Indian Pharmaceutical Congress, Manipal, 17-19 December 2010.
66. International Conference and CME Cum Workshop on Pharmacovigilance system and rational use of drugs; An integrated approach and 10th Annual Conference of Society of Pharmacovigilance (Inda), LHMC, New Delhi, 26-28 November 2010.
67. International Patient Safety Conference, conducted by AIIMS, New Delhi, 1-3 October 2010.
68. National Seminar on Recent Trends in Pharmacy Education and Practice, conducted by PCI, at Vigyan Bhavan, New Delhi, 9-10 July 2010.
69. International Symposium on "Recent Advances in Pharmacotherapy of Cardiovascular Diseases" DIPSAR, New Delhi, 16 December 2009.
70. 61st Indian Pharmaceutical Congress, Ahmedabad, 11-13 December 2009.
71. National Workshop on "Developing Quality Monographs for Pharmacopoeia for Herbs and Herbal Products" DIPSAR, New Delhi, 27-28 November 2009.
72. Annual National Convention of IHPA 2009, CSM Medical University, Lucknow, 24-25 October 2009.
73. One day Seminar on "Redefining Pharmaceutical Education in India" organized by IPGA at FICCI, New Delhi, 19 September 2009.
74. AICTE sponsored National Seminar on Emerging Trends in Pharmaceutical Sciences, Jamia Hamdard, New Delhi 21-22 March 2009.
75. 60th Indian Pharmaceutical Congress, New Delhi, 12-14 December, 2008.
76. Workshop on Peptide and Protein Bioactives- Stability and Delivery organized by the Australia and New Zealand Chapter of the Controlled Release Society at the Australian Institute for Bioengineering and Nanotechnology, Brisbane, Australia, 06-07 October 2008.
77. Seminar on "Developing Drugs for the Treatment of Neglected Diseases of the Developing World", University of Queensland, Brisbane, Australia, 08 August 2008.
78. One day Seminar on Syntheses, and Characterization of Nanomaterials, Jamia Hamdard, New Delhi, 17 November, 2007. 12th APTI Annual National Convention, University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh, 25-27 October, 2007.
79. One day Interactive session on "Putting Herbals Centre Stage: Pharmacopoeial initiative" Organized by IPA (Delhi Branch) at Hotel the Connaught, New Delhi, 01 Sep. 2007.
80. Workshop on Rheumatoid Arthritis, Organized by CCRUM, at Hamdard Convention Centre, New Delhi, 27-28 August 2007.
81. Workshop on "Pharmacovigilance Awareness" Lady Hardinge Medical College, New Delhi, March 23-24, 2007.
82. Academia Industry Synergy Continuum Symposium on Promotion of Pharmacovigilance in India, All India Institute of Medical Sciences, New Delhi, March 15, 2007.
83. 58th Indian Pharmaceutical Congress, Mumbai, December 01-03 2006.

84. 7th Annual Meeting of Skin Forum, Medical College Hospital, University of Sheffield, **Sheffield, UK**, 21-23 June 2006.
85. HIV/AIDS and TB Conference: 2006, All India Institute of Medical Sciences, New Delhi, 13-15 January 2006.
86. National Conference on Infectious Diseases, Hyatt, New Delhi, 17-18 September 2005.
87. 57th Indian Pharmaceutical Congress, Hitex, Hyderabad, 02-04 December 2005.
88. Workshop on 'Good Clinical Practice' Nizam Institute of Medical Sciences, Hyderabad, 01 December 2005.
89. Seminar on 'Latest Developments in the Production and Characterization of Olefin Polymers' Le Meridien, New Delhi, 17 September 2005.
90. Intellectual Property Rights Awareness Seminar on Pharmaceuticals, Jamia Hamdard, New Delhi, 26 FEB 2005.
91. 14th Biennial Conference of Asia Pacific Association for the Study of Liver, New Delhi December 11-15, 2004.
92. 56th Indian Pharmaceutical Congress, Kolkata, December 3-5, 2004.
93. 3rd Annual Conferene of Indian Hospital Pharmacists Association, St. Stephen's Hospital, New Delhi, October 17, 2004.
94. One day Workshop on Patents organized by IPA (Delhi Branch) at India Habitat Centre, New Delhi, Sep. 04, 2004
95. 13th Round Table Conference on Ethics in Animal Experimentation, organized by Ranbaxy Science Foundation at India Habitat Centre, New Delhi, January 10, 2004.
96. National Workshop on Institute-Industry Interaction on Research in Unani Medicine to identify areas of collaboration, organized by Jamia Hamdard sponsored by DST New Delhi, Jan. 7-9, 2004
97. 3rd Annual Conference of Society of Pharmacovigilance (India), Agra, Dec. 12-13, 2003.
98. International Workshop on Adverse Drug Reaction Monitoring, organized by Society of Pharmacovigilance India in collaboration with WHO Uppsala Monitoring Centre, (Sweden), at Agra, December 11, 2003.
99. 36th Annual Conference of the Indian Pharmacological Society, organized by Vallabhbbhai Patel Chest Institute, Delhi at India Habitat Centre, New Delhi, December 5-7, 2003
100. Seminar on GMP-Selected Elements organized by Indian Pharmacy Graduates' Association, New Delhi, November 01, 2003.
101. 2nd Annual Conference of Indian Hospital Pharmacists Association, New Delhi, October 19, 2003.
102. Seminar on "Research Project Formulations" New Delhi, May 12, 2003.
103. 54th Indian Pharmaceutical Congress, Pune, December 13-15, 2002.
104. 1st Annual Conference of Indian Hospital Pharmacists Association, New Delhi, October 27, 2002.
105. International Exhibition and Conference on "Chemicals, Petrochemicals, Pharmaceuticals and Technology Process Plant Machinery Control and Automation Systems", sponsored by FICCI, New Delhi, September 18-21, 2002.
106. Seminar on "USP Initiatives on Biotechnology and Microbiology", Sponsored by IPA New Delhi, September 20, 2002.
107. Seminar on "How to Prepare for Accreditation" sponsored by National assessment and Accreditation Council (NAAC), Ne Delhi, August 16, 2002.
108. 4th International Symposium on Advances in Novel Drug Delivery Systems conducted by the Indian Local Chapter of Controlled Release Society at the SciTech Centre, Mumbai, February 22-23, 2002.
109. Workshop on "Pharmacy Practice" conducted by Department of Hospital and Clinical Pharmacy Services at the Medcal College Hospital, Trivandram February 15-16, 2002.
110. 53rd Indian Pharmaceutical Congress, New Delhi, December, 21-23, 2001.
111. 4th Central European Symposium on Pharmaceutical Technology conducted by the University of Vienna at Vienna (Austria), September 23-25, 2001.
112. 16th Annual Congress of Austrian Pharmaceutical Society, Vienna (Austria), September 23-25, 2001.

113. Symposium on "Globalization and Higher Education in India" organized by HUTA and FEDCUTA at New Delhi, May 10, 2001.
114. International Symposium on New Drug Development, New Delhi, February 1998.
115. 48th Indian Pharmaceutical Congress, Chennai , 1996.
116. Annual conference of IPGA, September, 1996.
117. Recent Advances in Tableting Technology organized by IPA, Delhi branch in collaboration with BWI Manesty (U.K.), New Delhi, 1994.
118. 46th Indian Pharmaceutical Congress, Chandigarh , 1994.
119. 45th Indian Pharmaceutical Congress, Delhi, 1993.

PhD Theses Supervised / In Progress

As Main Supervisor (18)

S. NO.	Candidate	Specialization	Title	Year
1.	Md. Naushad Alam	Pharmaceutics	Development and evaluation of an oral controlled release osmotic formulation of trimetazidine hydrochloride	2009
2.	Md. Rizwan	Pharmaceutics	Nanoemulsion based transdermal therapeutic system for management of hypertension	2010
3.	Himanshu Gupta	Pharmaceutics	Novel hydrogel based ocular drug delivery systems	2011
4.	Abdul Ahad	Pharmaceutics	Novel penetration enhancer based transdermal drug delivery systems for management of hypertension	2011
5.	Atefeh Afshar Moghaddam	Pharmaceutics	Novel vesicular drug delivery systems for management of Alzheimer's disease	2015
6.	Syed Sarim Imam	Pharmaceutics	Particulate and vesicular drug delivery systems of an atypical antipsychotic agent for management of schizophrenia	2016
7.	Md. Aslam	Pharmaceutics	Development of nanocarrier medicated transdermal delivery system of glibenclamide	2017
8.	Thasleem M.	Pharmaceutics	Nanocarrier based transdermal drug delivery system of fisetin for management of skin cancer	2019
9.	Arshiya Praveen	Pharmaceutics	Nanocarrier based intranasal drug delivery system for management of epilepsy	2019
10.	Abdul Qadir	Pharmaceutics	Polyherbal nanogel for management of psoriasis	2021
11.	Mohsin Qureshi	Pharmaceutics	Dermal nanogel of berberine for amelioration of acne	2023
12.	Ayesha Waheed	Pharmaceutics	Amelioration of skin cancer by apigenin based nanocarrier gel	2023
13.	Shashi Prabha	Pharmaceutics	Nanocarrier mediated drug delivery system of nospapine HCl for management of breast cancer	In Progress
14.	Niha Sultana	Pharmaceutics	Dissolving microneedle Transdermal	In Progress

			patch loaded with bipartite nanotransfersomes of Risedronate sodium and Ursolic acid for Osteoporosis	
15.	Asad Ali	Pharmaceutics	Dual drug loaded intranasal thermosensitive nanoliposomes of fluoxetine and embelin for the management of depression	In Progress
16.	Ayesha Khan	Pharmaceutics	TBD	In Progress
17.	Zeba Maqsood	Pharmaceutics	TBD	In Progress
18.	Shadaan Ahmdad	Pharmaceutics	TBD	In Progress

As Co-supervisor (8)

S. NO.	Candidate	Specialization	Title	Year
1.	Anoop Kumar	Pharmaceutics	Controlled oral drug delivery of an anxiolytic agent through microparticulate systems	2009
2.	D. P. Maurya	Pharmaceutics	Development of site specific particulate delivery system of antitubercular drugs for intestinal tuberculosis	2012
3.	Abdul Hafeez	Pharmaceutics	Development and evaluation of nanostructured lipid carrier based gel formulation of an anti-inflammatory drug	2016
4.	Shakeeb Ahmad	Pharmaceutics	Development of a nanoformulation based drug delivery system of agomelatine for the management of depression	2019
5.	Asiya Mahtab	Pharmaceutics with specialization In QA	Design and Development of Multifaceted Lipid Nanoparticles for Synergistic treatment of Rheumatoid Arthritis	2020
6.	Nikita	Pharmaceutics	Design, Characterization and evaluation of Ocular Nanoformulation	2021
7.	Tinku Gupta	Pharmacognosy	Development and evaluation of formulation for diabetic nephropathy from bioactive constituents of Rubia cordifolia and Gymnema sylvestre	2020
8.	Lubna Abidin	Pharmacognosy	Optimization of Extraction Process and Development of Formulation of Bio-active Compounds of Boswellia serrata Roxb., Carthacus tinctorius L., and Lawsonia intermis L., for the Management of Arthritis	2021

M. Pharm. Dissertations Supervised

As Main Supervisor (48)

S. NO.	Candidate	Title	Specialization	Year
1.	Bhavna	Development and Evaluation of transdermal drug delivery system of enalapril maleate	Pharmaceutics	2004
2.	Virendra Bhadana	Drug utilization review in the Department of Medicine at	Pharmacy Practice	2004

		Majeedia hospital		
3.	Faisal Imam	A pharmacovigilance study for monitoring adverse drug events of antihypertensive agents in Majeedia hospital	Pharmacy Practice	2005
4.	Indu Chowdhary	Effect of different essential oils on permeation of an antihypertensive drug through rat skin and development of a transdermal formulation	Pharmaceutics	2005
5.	Md. Rizwan	Effect of novel penetration enhancers on permeation of valsartan and propranolol Hcl through rat skin and human cadaver skin : A comparative study	Pharmaceutics	2006
6.	Arshad Hussain	Medication usage evaluation and monitoring of adverse drug reaction of antihypertensive drugs in Majeedia Hospital, Jamia Hamdard	Pharmacy Practice	2006
7.	Abdul Ahad	Transdermal delivery of valsartan: Preliminary skin permeation studies, formulation development and evaluation	Pharmaceutics	2007
8.	Fowad Khurshid	Medicine utilization and adverse drug reaction monitoring of antihypertensive agents in a university teaching hospital	Pharmacy Practice	2007
9.	Mohd Ruman Khan	Medicine utilization and adverse drug reaction monitoring of antihypertensive agents	Pharmacy Practice	2008
10.	Zabih ullah	Proniosomal gel mediated transdermal delivery of glimepiride	Pharmaceutics	2008
11.	Md. Wais	Development and evaluation of Micro emulsions based drug delivery system	Pharmaceutics	2008
12.	Atefeh Afshar Moghaddam	Development and evaluation of ethosome vesicular system for enhanced transdermal delivery of ibuprofen	Pharmaceutics	2009
13.	Musarrat Husain Warsi	Development and optimization of stable ophthalmic formulation of b-blocker for management of glaucoma	Pharmaceutics	2009
14.	Prem Sundar Prasad	Proniosomal gel mediated transdermal delivery of pioglitazone	Pharmaceutics	2010
15.	Yeshpal Singh	Deelopment, optimisation	Pharmaceutics	2011

		and evaluation of oral solid self nanoemulsifying drug delivery system (SNEDDS) of an antihypertensive agent		
16.	Puneet Kumar Vashishtha	HPLC method development and validation for estimation of new chemical entity DRF-01 (Anticancer drug) in rat plasma and its application in pharmacokinetic study	Quality Assurance	2011
17.	Md. Sohrab Alam	Nanostructured lipid carrier based transdermal drug delivery system of pioglitazone	Pharmaceutics	2012
18.	Sugandha Mittal	Development and validation of a stability indicating RP-HPLC method for the assay and disso;ution of model drug X (anineoplastic drug) in tablet dosage form	Quality Assurance	2012
19.	Gauhar Rahman Qadry	Development and evaluation of lipid nanovesicular transdermal drug delivery system of isradipine for management of hypertension	Pharmaceutics	2013
20.	Md. Shakib Ahmad	Ethosomal formulation development and characterization of tramadol	Pharmaceutics	2013
21.	Syedeh Raziyeh Mahdavi Moghaddam	Development and evaluation of topical vesicular drug delivery system of diacerein for management of psoriasis	Pharmaceutics	2014
22.	Anam Khan	Nanostructured lipid carrier based gel of temozolamide for intranasal elivery in the treatment of glioblastoma multiforme	Pharmaceutics	2014
23.	Mohd. Kamran	Formulation and characteriation of nano vesicular system for enhanced transdermal delivery of an angiotensin antagonist	Quality Assurance	2015
24.	Hema Kapoor	Nanostructurd lipid carrier gel based transdermal delivery system of amlodipine besilate	Pharmaceutics	2015
25.	Chhitij Thapa	Formulation and optimization of nanostructured lipid carrier of telmisartan for enhancement of oral bioavailability	Pharmaceutics	2015
26.	Karishma Khan	Nano Vesicular Intranasal drug delivery system of ursolic acid	Pharmaceutics	2016
27.	Manzar	Development & characterisation of nano-	Pharmaceutics	2016

		structured lipid carrier based formulation for the enhancement of oral bioavailability of antihypertensive drug olmesartan.		
28.	Saif Ali Hashmi	Prolonged release casein micelle solution for poorly solubilized drug gliclazide: Formulation, characterization and in vivo pharmacokinetics	Pharmaceutics	2016
29.	Quamrul Hoda	Transungual drug delivery system of itraconazole for management of onychomycosis	Quality Assurance	2017
30.	Ayesha Waheed	Bioavailability enhancement of raloxifene hydrochloride through nanotransfersomal gel in the management of osteoporosis	Pharmaceutics	2018
31.	Aswad Ali	Development and evaluation of polymeric nanoparticles of pravastatin	Quality Assurance	2018
32.	Salman Ali	Nanostructured lipid carrier gel formulation of thymoquinone for management of psoriasis	Quality Assurance	2018
33.	Sarvari Khatoon	Intanasal berberine and pravastatin	Quality Assurance	2019
34.	Yasmeen	Glycyrrhizic acid for skin cancer	Pharmaceutics	2019
35.	Niha Sultana	Dissolving microneedle patch for the transdermal delivery of raloxifene and cholecalciferol loaded nanosuspension for the management of osteoporosis	Pharmaceutics	2019
36.	Atiya Rahman	Itraconazole loaded bilayered nail lacquer for the management of onychomycosis	Pharmaceutics	2019
37.	Dipak Kumar Gupta	Dermal nano carrier gel of berberine for amelioration of skin cancer	Pharmaceutics	2020
38.	Asad Ali	Embelin loaded nano liposomes for the management of mental depression	Pharmaceutics	2020
39.	Ahana Mukherjee	Transethosomes of nimesulide and ursolic acid: development, evaluation and optimization	Pharmaceutics	2020
40.	Samreen Jahan	Nanostructured lipid carrier gel for transdermal delivery of gliclazide	Pharmaceutics	2020
41.	Ayesha Khan	Green synthesis of silver	Pharmaceutics	2021

		nanogel of centella asiatica for wound healing		
42.	Shabina Hasan	Chitosan coated intranasal nanoliposomes (chitosomes) of gallic acid for amelioration of mental depression	Pharmaceutics	2021
43.	Faria Ali	Transethosomes of berberine for hyperlipidemia	Pharmaceutics	2021
44.	Shadaan Ahmad	Design & fabrication of 3-D printed micro needle decorated patches	Pharmaceutics	2022
45.	Atanu Ghorai	Glycerosomes based dermal nano gel of rutin hydrate for wound healing	Quality Assurance	2022
46.	Heba Farheen	Micro-needle assisted transinvasomal gel of brucine for the management of arthritis	Quality Assurance	2022
47.	Mo Suheb Ansari	Intranasal in-situ nanogel of esculin hydrate for amelioration of Parkinson's disease	Pharmaceutics	2023
48.	Md. Shabbir Alam	Quality by design optimized glycerosomes enabled nanosunscreen of rutin hydrate'	Quality Assurance	2023

As Co-supervisor (26)

S. No.	Candidate	Specialization	Title	Year
1.	Saqib Zafar	Pharmaceutics	Development and evaluation of transdermal drug delivery systems for an antihypertensive drug labetalol hydrochloride	2003
2.	Md. Khalid Anwer	Pharmaceutics	Novel formulation of furosemide using fulvic and humic acids extracted from shilajit	2004
3.	Nitin Kumar	Pharmaceutics	Development and evaluation of transdermal therapeutic systems of diclofenac diethylamine	2004
4.	Himanshu Sharma	Pharmacy Practice	A pharmacovigilance study for monitoring adverse drug reactions in Majeedia hospital, Jamia Hamdard, New Delhi	2004
5.	Md. Shamshir Alam	Pharmacy Practice	A prospective drug utilization pattern of oral hypoglycemic agents and estimation	2005

			of serum retinol concentration in diabetes mellitus type II patients in a teaching hospital	
6.	Dilshad Ahmad	Pharmaceutics	New formulation of melatonin using humic and fulvic acid as bioenhancers	2006
7.	Gouhar Sultana	Pharmacy Practice	Drug utilization and adverse drug reaction monitoring (Pharmacovigilance) studies in type 2 diabetic patients	2006
8.	Arshad Nehal Jamali	Pharmacy Practice	Study of drug utilization and ADR monitoring in patients of bronchial asthma	2006
9.	Mudasir Mohamad	Quality Assurance	Analytical method development and validation of adapalene in its combination products	2006
10.	Md. Shabib Akhtar	Pharmacy Practice	Drug utilization and antibiotic sensitivity pattern of bacterial pathogens in urinary tract infections	2007
11.	Bhaskar Saxena	Quality Assurance	Development and optimization of an extended release dosage form by powder layering technique using ketoprofen as model drug	2007
12.	Dinesh Kumar	Pharmaceutics	Development and evaluation of microemulsions for transdermal delivery of amlodipine	2007
13.	Md. Mujahid	Pharmacy Practice	Monitoring of adverse drug reactions and drug utilization study of non-steroidal anti-inflammatory drugs (NSAIDs)	2007
14.	Sadaf Farooqui	Pharmacy Practice	Drug utilization pattern and monitoring of adverse drug reaction of anti anemic drugs during pregnancy at a south Delhi hospital	2008
15.	Nitin Bhardwaj	Pharmaceutics	Formulation development and	2009

			evaluation of oral controlled release tablet of antihypertensive drug	
16.	Aida Seyoum Debesai	Pharmacy Practice	Evaluation of glucose tolerance in patients receiving antihypertensive therapy with reference to beta-blockers	2009
17.	Md. Aslam	Pharmaceutics	Development and evaluation of ophthalmic sol to gel drug delivery system of levofloxacin	2010
18.	Rahul Pandey	Pharmaceutics	Development of bioequivalent extended release tablet dosage form of erapamil hydrochloride and its quality control	2010
19.	Gulam Haider Khan	Pharmacy Practice	A prospective drug utilization pattern and adverse drug reaction monitoring study of oral hypoglycemic agents in patients with diabetes mellitus type II	2010
20.	Anees Rehman C	Pharmacy Practice	Drug utilization and adverse drug reaction monitoring of antibacterials prescribed in urinary tract infection	2010
21.	Mirza Salman Baig	Pharmaceutics	Development and evaluation of lipid nano carriers for ocular delivery of leveofloxacin	2011
22.	Dahaby Ahmed	Pharmacy Practice	Drug utilization studies on drugs used in upper respiratory tract infections in peditrics OPD in a university teaching hospital	2011
23.	Siraj Anwar	Pharmacy Practice	Monitoring of plasma gentamicin concentrations in patients with urinary tract infections	2011
24.	Akanksha Mishra	Pharmaceutics	Development and evaluation of oral carvedilol loaded nanostructured lipid	2012

			carriers for the management of hypertension	
25.	Nazia Khan	Quality Assurance	Development and evaluation of a novel in situ gel of sparfloracin for sustained ocular drug delivery	2012
26.	Ubaidul Huda	Pharmacy Practice	Prescription pattern of different types of chronic headaches in patients visiting HAHC hospital, New Delhi	2012