

CURRICULAM VITAE

Personal details:

Name: Dr. Syed Ehtaishamul Haque
Father's Name: Syed Mahfuzul Haque
Sex: Male
Date of Birth: 6th January 1967
Religion: Islam
Nationality: Indian

Correspondence Address:
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Jamia Nagar, Okhla,
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Educational qualification:

Ph.D. (Protein Biochemistry): From Jamia Millia Islamia, New Delhi. India, January 1998.

Master of Science (Spl. Biochemistry): First Class; From Jamia Millia Islamia, New Delhi, India, in 1991.

Bachelor of Science (Honors): First Division; From St. Xavier's College, Ranchi, Jharkhand, India in 1989.

Bachelor of Science (Pass course): First Division- From Gossner's College, Ranchi, Jharkhand, India in 1987.

Present Position:

Professor, Department of Pharmacology, School of Pharmaceutical Education and Research, Jamia Hamdard, New Delhi-110062. India

Job Assignment:

- Post-graduate and under-graduate teaching of theory & practical Biochemistry.
- Supervision of Ph. D and M. Pharm. research work.
- To carry out examination and other assigned administrative duties

Experience

Teaching: Twenty-six years

Research: Twenty-nine years

Field of Teaching: Basic and Clinical Biochemistry

Field of Research: Cardiovascular and Onco-Pharmacology

Details of Employment (starting from the present position)

Sl	Institute	Designation	Period	Nature of Duties
	Jamia Hamdard, New Delhi (Dept. of Pharmacology)	Professor	01-01-2015 (Continuing)	Biochemistry theory & practical teaching to B. Pharm. third year students + M. Pharm. & Ph.D. research

				guidance
1	Jamia Hamdard, New Delhi (Dept. of Pharmacology)	Associate Professor	01-01-2012 to 31/12/14	Biochemistry theory & practical teaching to B. Pharm. third year students + M. Pharm. & Ph.D. research guidance
2	Jamia Hamdard, New Delhi (Dept. of Pharmacology)	Assistant Professor (Stage-3)	01-01-2009 to 31-12-2011	Biochemistry theory & practical teaching to B. Pharm. third year students + M. Pharm. & Ph.D. research guidance
3	Jamia Hamdard, New Delhi (Dept. of Pharmacology)	Assistant Professor (Stage-2)	26-3-2003 to 31-12-2008	Biochemistry theory & practical teaching to B. Pharm. third year students + M. Pharm. & Ph.D. research guidance
4	Jamia Hamdard, New Delhi (Dept. of Pharmacology)	Lecturer (Regular)	26-03-1999 to 25-3- 2003	Biochemistry theory & practical teaching to B. Pharm. third year students + M. Pharm. & Ph.D. research guidance
5	Jamia Hamdard, New Delhi (Dept. of Biochemistry & Pharmacology)	Lecturer (Part-time & Adhoc)	26-09-1994 to 25-03-1999	Biochemistry theory & practical teaching to M.SC. Biochemistry students & B. Pharm. Final year students.

Supervisor for research degrees

Research Associate: 01

Ph.D. supervised: 12

Currently under supervision: 08

M. Pharm. supervised: 37

Currently supervising: 03

Research Projects completed: 03

UGC minor project-1, UGC major project-2 (as co-investigator)

Research Publications: 87 (Annexure-1)

Chapter in book: 03 (Annexure-1)

Abstracts of papers presented in conferences: 29 (Annexure-2)

Seminars/ Symposiums participation: 17 (Annexure-3)

Refresher Course/ Quality Improvement Participation: 05 (Annexure-4)

Seminars/ Symposiums organized: 05

Foreign Assignment: 01

As Associate Professor (Biochemistry) in Libya University (2009-2010)

Research Projects

Minor research project granted from the UGC unassigned grant entitled “*Influence of non-steroidal anti-inflammatory drugs on experimentally induced cataract in rats*”. (Completed, 2001-2002)

Major research project entitled: “*Synthesis and Biological activities of Novel Heterocyclics*”, funded by UGC. (Co-investigator) (Completed; 2004-2007).

Major research project entitled: “*Design, synthesis and biological evaluation of novel non-steroidal nitric oxide donors as anti-inflammatory agents*”, funded by UGC. (Co-investigator) (Completed; 2009-2012).

Member of professional bodies: 01 (Pharmacological Society of India)

National exam qualified: NET, GATE

Fellowship availed: JRF & SRF through GATE

Resource person

- National Workshop-cum-Hands on training on Pharmacovigilance- Industry practices” held on 16th February, 2023 at Jamia Hamdard, New Delhi.
- DST STUTI One week training programme on NMR on “Mapping molecules with magnet” held from 28th October to 3rd November 2022 at Jamia Hamdard, New Delhi.
- A.I.C.T.E. sponsored Quality Improvement Programme organized by BIT Mesra, Ranchi, Jharkhand, 06-19 June 2008

Conference organized

- **Member Advisory committee** in the IASTAM Conclave 2022 an International Conclave on Multi targeted therapeutics in UNANI and Ayurvedic Medicine and Food Supplement. July 29-30, 2022, New Delhi India.
- **Member organizing committee** in the UGC-SAP DRS-II sponsored seminar on Recent Advances in Pharmacotherapeutics, 28th March 2019, organized by the Department of Pharmacology, SPER, Jamia Hamdard, New Delhi.
- **Joint Organizing Secretary** in National conference on current trends in translational medicine and pharmacovigilance: Stress on skill development. 5th-6th October 2018 organized by the Department of Pharmacology, SPER, Jamia Hamdard, New Delhi.
- **Joint Organizing Secretary** in the National Symposium on Research Methodology organized by the Department of Pharmacology, SPER, Jamia Hamdard, New Delhi on 7th March 2018.
- **Member organizing committee** in IV Bioinformatics Conference cum hands-on Training on Application of Bioinformatics in Drug Discovery and Development. 19-20 October 2012, organized by Bioinformatics Infrastructure Facility, Department of Biochemistry, Jamia Hamdard, New Delhi.

Chairperson/Co-chairman in Scientific sessions

- National conference on current trends in translational medicine and pharmacovigilance: Stress on skill development. 5th-6th October 2018 organized by the Department of Pharmacology, SPER, Jamia Hamdard, New Delhi.
- 3rd One day national seminar on Current Regulations on Herbal Drugs & Food Supplements, Held at SPER, Jamia Hamdard, New Delhi on 16th May 2017.
- In Scientific Session-1 of 2nd *One day national symposium on “New horizons in Drug Discovery and Development”*, held on 16th November 2015, Jamia Hamdard, New Delhi.

Extra-curricular activities, including the administrative post held:

(a) University administration.

- Chairman, Library Committee. 2023-2024
- Director (Incharge) JHRCA since 18th July 2022
- Deputy Superintendent of exam 2012, 2019-2021
- Member Board of Studies 2004-05, 2017, 2019-
- Convenor Sessional exams. 2011.
- Member of the academic council 2000, 2009, 2020-2021
- Teacher-in-charge Biochemistry 1994-till date.

(b) Extra-curricular activities of students.

- Participated as a co-ordinator in the Rx 2k18 champion's trophy, cricket tournament, 5-16th February 2018.
- Member finance committee for Rx 2013 (Annual Pharmacy function)

(c) Literary, cultural or other activities

- Teacher in charge (volleyball, basketball) for annual sports, 2003-2009.

Refresher course/ QIP participation

1. Continued Education Programme (CEP)-2019 on Modern Perspectives of Pharmaceutical Education, Teaching and Research in the Current Digital Era. **March 14-16, 2019**, organized by **SPER, Jamia Hamdard, New Delhi**.
2. UGC sponsored Refresher course in Life Sciences at **University of Hyderabad, Hyderabad, 14 Nov. – 04 Dec. 2008**.
3. A.I.C.T.E. sponsored Quality Improvement Programme entitled “Herbal drug Development-Trends and Future Prospects”, **BIT Mesra, Ranchi, Jharkhand, 06-19 June 2008**.
4. UGC sponsored 4th Refresher course in Life Sciences at **Dr. Baba Saheb Ambedkar Marathwada University, Aurangabad, MS, 03– 21 March, 2008**.

5. A.I.C.T.E Sponsored 13th Quality Improvement Programme entitled “Recent Advances in Pharmacology”, **DIPSAR**, New Delhi, **21-25 November, 2005**.
6. UGC sponsored 73rd four-week Orientation Programme at **Jamia Millia Islamia**, New Delhi, **June 14th – July 11th, 2005**

Awards/Recognition:

- Certificate of recognition presented by the Vice Chancellor, Jamia Hamdard for publishing review article in Drug Delivery having more than 6 impact factor in the year 2022.
- Certificate of recognition presented by the Vice Chancellor, Jamia Hamdard for publishing research work in the Journal of Ethnopharmacology having more than 3 impact factor in the year 2016 .
- Awarded **Grade ‘A’** in UGC sponsored refresher course in life sciences at University of Hyderabad, Hyderabad, 14 Nov. – 04 Dec. 2008.
- Awarded **Grade ‘A’** in UGC sponsored 4th refresher course in life sciences at Dr. Baba Saheb Ambedkar Marathwada University, Aurangabad, MS, 03– 21 March 2008.
- Awarded **Grade ‘A’** in UGC sponsored 73rd four-week Orientation Programme at Jamia Millia Islamia, New Delhi, June 14th – July 11th, 2005
- Qualified **NET** in the subject Biochemistry, conducted by ICAR in 1997.
- Qualified **‘GATE’** in 1991

Name and Addresses of the two referees

Sl. No	Name & Designation of referees	Full address, with Phone/Fax No	Period of acquaintance
<u>1</u>	Dr. Mohammad Amir Professor	Dept. of Pharmaceutical Chemistry, F/O Pharmacy, Jamia Hamdard, New Delhi-110062. <i>Mob: 07827425285</i>	25 years
<u>2</u>	Dr. Faizan Ahmad, Professor	Centre for Interdisciplinary Research in Basic Sciences, Jamia Millia Islamia, New Delhi-25 <i>Mob. 09810413115.</i>	32 years

Place: New Delhi

Signature

Date:

(Dr. Syed Ehtaishamul Haque)

Annexure-1

List of publications

2024

1. Bhat FA, Khan S, Khan SA, **Haque SE**, Akhtar M, Najmi AK. Cardio-oncological dialogue: Understanding the mechanistic correlation between heart failure and cancer. **Life Sciences**. Available online 26 October 2024, 123170.
2. Khan V, Sharma S, Khan A, Bhandari U, **Haque SE**. Protective effect of raspberry ketone against isoproterenol-induced cardiac hypertrophy in Wistar rats. **Pharmaceutical chemistry journal**. 2024, 58, 578-587. (*published on 3rd August 2024, Impact factor 0.8*) ISSN: 1573-9031.
3. Khan A, Sharma S, Das A, Alam M, Syed MA, **Haque SE**. D-Pinitol improves cognitive dysfunction and neuronal damage induced by isoproterenol via modulation of NF-kB/ BDNF/GFAP signalling in Swiss albino mice. **Iranian Journal of Basic Medical Sciences**. 2024, 27(3), 326-334. ISSN: 2008-3874, (*Impact factor-2.1*)
4. Akram W, Najmi AK, Alam MM, Haque SE. Levocabastine ameliorates cyclophosphamide-induced cardiotoxicity in Swiss albino mice: Targeting TLR4/NF-kB/NLRP3 signaling pathway. **Toxicology and applied pharmacology**. 2024, 483, 116838. ISSN: 1096-0333, (*Impact factor-3.3*) **23rd January 2024**
5. Sheikh KA, Iqbal A, Alam MM, Akhtar M, Khan MA, **Haque SE**, Parwez S, Jahangir U, Amir M, Khanna S, Shaquiquzzaman M. A quinquennial review of potent LSD1 inhibitors explored for the treatment of different cancers, with special focus on SAR studies. **Current Medicinal Chemistry**. January 2024, **31 (2), 152-207**. ISSN: **1875-533X**, (*Impact factor-3.5*) **Published on 2nd January 2024**

2023

6. Sharma S, Iqbal A, Khan V, Sharma K, Najmi AK, **Haque SE**. Icariin ameliorates oxidative stress-induced inflammation, apoptosis, and heart failure in isoproterenol-challenged Wistar rats. **Iran J Basic Med Sci**, 2023, Vol. 26, No. 5, 517-525. Print ISSN: 2008-3866, Online ISSN: 2008-3874. **Impact Factor: 2.532**.

7. Sharma B , Satija G , Madan A , Garg M , M. Alam MM , M. Shaquiquzzaman M , Khanna S , Tiwari P, Parvez S , Iqbal A , **Haque SE**, Khan MA. Role of NLRP3 Inflammasome and Its Inhibitors as Emerging Therapeutic Drug Candidate for Alzheimer's Disease: a Review of Mechanism of Activation, Regulation, and Inhibition. **Inflammation**, Vol. 46, No. 1, February 2023, 56-87. ISSN: 1178-7031. **Impact Factor: 4.8.**

8. Iqbal A, Najmi AK, Shadab Md, Alkreathy HM, Ali J, Syed MA & **Haque SE**. Oral delivery of nerolidol alleviates cyclophosphamide-induced renal inflammation, apoptosis, and fibrosis via modulation of NF- κ B/ cleaved caspase-3/TGF- β signaling molecules. **Drug Delivery**. 31 December 2023. 30:1, 2241661, DOI: 10.1080/10717544.2023.2241661. Print ISSN: 1071-7544, Online ISSN: 1521-0464. **Impact Factor: 6.419**

- 2022**

9. Khan A, Iqbal A, Wasim M, Syed MA, **Haque SE**. D-Pinitol attenuates Isoproterenol induced myocardial infarction by alleviating cardiac inflammation, oxidative stress and ultra structural changes in Swiss albino mice. **Clinical and Experimental Pharmacology and Physiology**. 2022 Nov. 49 (11), 1232-1245. **Impact factor 2.1.**
10. Nabi S, Bhandari U, **Haque SE**. Saroglitzar ameliorates monosodium glutamate-induced obesity and associated inflammation in Wistar rats: Plausible role of NLRP3 Inflammasome and NF κ B. **Iranian J Basic Medical Sciences**. 2022 July, 25(7), 827-841. Print ISSN: 2008-3866, Online ISSN: 2008-3874. **Impact factor 2.532.**
11. Iqbal A, Iqbal M. Kashif, Sharma S, Wasim M, Alfalehd MA, Shadab Md, Baboota S, Ali Javed and **Haque SE**. Pathogenic mechanisms and therapeutic promise of phytochemicals and nanocarriers based drug radiotherapy-induced neurotoxic manifestations. **Drug Delivery** 2022 Dec, 29(1): 1492–1511. (**Impact Factor: 6.419**) Print ISSN: 1071-7544, Online ISSN: 1521-0464.
12. Khan A, Iqbal A, **Haque SE**. Combinatorial Delivery of Cinnamaldehyde and Quercetin Ameliorates Isoproterenol-Induced Cardiac Inflammation, Apoptosis and Myocardial Infarction via Modulation of NF- κ B P65 and Cleaved Caspase-3 Signaling Molecules in Wistar Rats. **Pharmaceutical Chemistry Journal**. 2022 May 7:1-9. (**Impact factor: 0.837**) Print ISSN 0091-150X, Online ISSN 1573-9031.
13. Ekbbal R, Iqbal A, Ansari MA, Ahmad S, **Haque SE**. Evaluation of cardioprotective potential of isolated swerchirin against the isoproterenol-induced cardiotoxicity in Wistar albino rats. **Pharmacognosy Magazine**. 2022 Jan

- 1;18(77):10-21. (**Impact Factor: 1.085**) Print ISSN: 0973-1296, Online ISSN: 0976-4062.
14. Iqbal A, Iqbal MK, Fazal SA, Pottoo FH, **Haque SE**. Nutraceuticals and their Derived Nano-formulations for the Prevention and Treatment of Alzheimer's disease. **Current Molecular Pharmacology**. 2022 Jan 1;15(1):23-50. (**Impact Factor: 3.339**) Print ISSN: 1874-4702, Online ISSN: 1874-4672.
 15. Iqbal A, Bansal P, Iqbal MK, Pottoo FH, **Haque SE**. An overview and therapeutic promise of nutraceuticals against sports-related brain injury. **Current Molecular Pharmacology**. 2022 Jan 1;15(1):3-22. (**Impact Factor: 3.339**) Print ISSN: 1874-4702, Online ISSN: 1874-4672.

2021

16. Iqbal A, Wasim M, Ashraf M, Najmi AK, Syed MA, Ali J, **Haque SE**. Natural bioactive as a potential therapeutic approach for the management of cyclophosphamide-induced cardiotoxicity. **Current Topics in Medicinal Chemistry**. 2021 Nov 1;21(29):2647-70. (**Impact factor: 3.295**) Print ISSN: 1568-0266, Online ISSN: 1873-4294.
17. Iqbal A, Khan A, Malhotra K, Ansari M, **Haque SE**. Recent updates on current and upcoming biomarkers for cardiovascular diseases. **Current Pharmaceutical Design**. 2021 Oct 1;27(37):3881-900. (**Impact factor: 3.116**) Print ISSN: 1381-6128, Online ISSN: 1873-4286.
18. Iqbal A, Ahmed M, Iqbal MK, Pottoo FH, **Haque SE**. Polyphenols as potential therapeutics for pain and inflammation in spinal cord injury. **Current Molecular Pharmacology**. 2021 Oct 1;14(5):714-30. (**Impact Factor: 3.339**) Print ISSN: 1874-4702, Online ISSN: 1874-4672.
19. Iqbal A, Iqbal MK, Hoda F, Najmi AK, **Haque SE**. COVID-19 and cardiovascular complications: An update from the underlying mechanism to consequences and possible clinical intervention. **Expert Review of Anti-infective Therapy**. 2021 Sep 2;19(9):1083-92. (**Impact Factor: 5.8**) Print ISSN: 1478-7210, Online ISSN: 1744-8336.
20. Iqbal A, Hoda F, Najmi AK, Haque SE. Macrophage activation and cytokine release syndrome in COVID-19: current updates and analysis of repurposed and investigational anti-cytokine drugs. **Drug Research**. 2021 Apr;71(04):173-9. (**Impact Factor: 0.7**) Print ISSN: 2194-9379.
21. Iqbal A, Rahman SO, Ahmed M, Bansal P, Haider MR, Iqbal MK, Najmi AK, Pottoo FH, **Haque SE**. current quest in natural bioactive compounds for Alzheimer's disease: Multi-targeted-designed-ligand based approach with preclinical and clinical based evidence. **Current Drug Targets**. 2021 Apr 1;22(6):685-720. (**Impact Factor: 3.465**) Print ISSN: 1389-4501, Onlin ISSN: 1873-5592.
22. Iqbal A, Iqbal MK, Ahmed M, **Haque SE**. Natural products, a potential therapeutic modality in management and treatment of nCoV-19 infection: Preclinical and clinical based evidence. **Current Pharmaceutical Design**. 2021

Mar 1;27(9):1153-69. (**Impact factor: 3.116**) Print ISSN: 1381-6128, Online ISSN: 1873-4286.

23. Verma R, Hoda F, Arshad M, Iqbal A, Siddiqui AN, Khan MA, **Haque SE**, Akhtar M, Najmi AK. Cannabis, a Miracle Drug with Polyvalent Therapeutic Utility: Preclinical and Clinical-Based Evidence. Medical cannabis and cannabinoids. 2021;4(1):43-60. (**Impact Factor: 5.80**) Online ISSN: 2504-3889.

2020

24. Iqbal A, Hoda F, Najmi AK, **Haque SE**. Mechanism of cardiac pathogenesis and Cardiotoxicity of anti-COVID-19 drugs. DOI: 10.2174/2666796701999201222113227. **Coronaviruses**. Bentham Sciences. **2020**, Online ahead of print. (**Impact Factor: nil**) Print ISSN: 2666-7967, Online ISSN: 2666-7975.
25. Iqbal A, Syed MA, Najmi AK, Ali J, **Haque SE**. Nanostructured lipid-loaded nerolidol ameliorate cyclophosphamide-induced neuronflammation and cognitive dysfunction: Molecular and cell biology/neuroinflammation. **Alzheimer's & Dementia**. **2020 Dec;16: e037013**.
26. Iqbal A, Syed MA, Najmi AK, Azam F, Barreto GE, Iqbal MK, Ali J, **Haque SE**. Nano-engineered nerolidol loaded lipid carrier delivery system attenuates cyclophosphamide neurotoxicity–Probable role of NLRP3 inflammasome and caspase-1. **Experimental Neurology**. 2020 Dec 1; 334: 113464. (**Impact Factor: 5.62**). Print ISSN: 0014-4886.
27. Iqbal A, Ahmed M, Ahmad S, Sahoo CR, Iqbal MK, **Haque SE**. Environmental neurotoxic pollutants. **Environmental Science and Pollution Research**. 2020 Aug 20:1-24. (**Impact Factor: 4.223**) Print ISSN:0944-1344 Online ISSN: 1614-7499.
28. Iqbal A, Syed MA, Ali J, Najmi AK, Haque MM, **Haque SE**. Nerolidol protects the liver against cyclophosphamide induced hepatic inflammation, apoptosis, and fibrosis via modulation of Nrf2, NF-κB p65, and caspase-3 signaling molecules in Swiss albino mice. **Biofactor**. 2020;1–11. (**Impact Factor: 6.113**) Online ISSN: 1872-8081.
29. MQ Hassan, MS Akhtar, O Afzal, I Hussain, M Akhtar, **SE Haque**.,Edaravone and benidipine protect myocardial damage by regulating mitochondrial stress, apoptosis signalling and cardiac biomarkers against doxorubicin-induced cardiotoxicity. **Clinical and Experimental Hypertension**. **2020**. 42 (5), 381-392. (**Impact Factor: 1.749**) Print ISSN: 1064-1963 Online ISSN:1525-6006.
30. Iqbal A, Iqbal MK, Khan A, Ali J, Baboota S, **Haque SE**. Gene therapy, a novel therapeutic tool for neurological disorders: Current progress, challenges and future prospective. **Current Gene Therapy**. 2020 Jun 1;20(3):184-94. (**Impact Factor: 4.391**) Print ISSN: 1566-5232, Online ISSN: 1875-5631.
31. Iqbal A, Syed MA, Najmi AK, Ali J, **Haque SE**. Nerolidol ameliorates cyclophosphamide-induced gonadal toxicity in Swiss Albino mice: Biochemical,

- histological and immunohistochemical based evidence. **Andrologia**. 2020; 52: e13535. <https://doi.org/10.1111/and.13535>. (**Impact Factor: 2.775**) Online ISSN: 1439-02072.
32. Iqbal A, Syed MA, Haque MM, Najmi AK, Ali J, **Haque SE**. Effect of nerolidol on cyclophosphamide-induced hematotoxicity and oxidative stress in Swiss albino mice. **Experimental Hematology**. 2020; 82:24–32. (**Impact Factor: 3.084**) Print ISSN: 0301-472X.
33. Sharma S, Khan V, Dhyani N, Najmi AK, **Haque SE**. Icariin attenuates isoproterenol induced cardiac toxicity in Wistar rats via modulating cGMP level and NF-κB signaling cascade. **Human and Experimental Toxicology**. (2020), 39(2) 117–126. (**Impact Factor- 2.903**) Print ISSN: 0960-3271 Online ISSN: 1477-0903.
34. Farazul Hoda, Rishabh Verma, Saurabh Rastogi, Ashif Iqbal, **Syed Ehtaishamul Haque**, Mohd. Akhtar, Abul Kalam Najmi*. Emergence of a New Zoonotic COVID-19 that Creates a Pandemic: Update on Current Pharmacotherapeutics and Future Prospective of Plasma Therapy. **Coronaviruses**. 2020 (E-pub Ahead of Print). DOI: 10.2174/2666796701999201014160857. (**Impact Factor: nil**) Print ISSN: 2666-7967, Online ISSN: 2666-7975.

2019

35. Iqbal A, Sharma S, Najmi AK, Syed MA, Ali J, Alam MM, **Haque SE**. Nerolidol ameliorates cyclophosphamide-induced oxidative stress, neuroinflammation and cognitive dysfunction: Plausible role of Nrf2 and NF-κB. **Life sciences**. (2019) Nov 1; 236:116867. (**Impact Factor: 6.78**) Print ISSN: 0024-3205.
36. Iqbal A, Iqbal MK, Sharma S, Ansari MA, Najmi AK, Ali SM, Ali J, **Haque SE**. Molecular mechanism involved in cyclophosphamide-induced cardiotoxicity: Old drug with a new vision. **Life sciences**. 218 (2019) 112–131. (**Impact Factor: 6.78**) Print ISSN: 0024-3205.
37. Khan V., Sharma S., Bhandari U., Sharma N., Rishi V., **Haque S.E**. Suppression of isoproterenol-induced cardiotoxicity in rats by raspberry ketone via activation of peroxisome proliferator activated receptor-α. **European Journal of Pharmacology** (2019). 842 157–166. (**Impact Factor: 4.432**) Print ISSN: 0014-2999.
38. Ansari MA, Iqbal A, Ekbbal R, **Haque SE**. Effects of nimodipine, vinpocetine and their combination on isoproterenol-induced myocardial infarction in rats. **Biomedicine & Pharmacotherapy**. (2019) Jan 1; 109:1372-80. (**Impact Factor: 7.4**) Print ISSN: 0753-3322.

2018

39. Sharma S, Khan V, Najmi AK, Alam O, **Haque SE**. Prophylactic treatment with icariin prevents isoproterenol-induced myocardial oxidative stress via nuclear Factor-Like 2 activation. **Pharmacognosy Magazine**. (2018) Jun 1;14(55):227. (Impact Factor: 1.085) Print ISSN: 0973-1296, Online ISSN: 0976-4062.
40. Khan V., Sharma S., Bhandari U., Ali S.M., **Haque S.E**. Raspberry ketone protects against isoproterenol-induced myocardial infarction in rats. **Life Sciences**. (2018)194, 205–212. (Impact Factor: 5.037) Print ISSN: 0024-3205.
41. Iqbal A., **Haque S.E.**, Sharma S., Ansari M.A., Khan V., and Iqbal M.K. Clinical Updates on Drug-Induced Cardiotoxicity. **International Journal of Pharmaceutical Sciences and Research**. (2018) 9(1), 16-26. (Impact Factor: Nil) Print ISSN:2320-5148, Online ISSN: 0975-8232.

2017

42. Amir M., Akhter M. W., **Haque S.E**. Synthesis of some new condensed heterocyclic 6-substituted-1,3,4-triazolo [3,4-b]-1,3,4-thiadiazole derivatives of 2-naphthoxyacetic acid as potent anti-inflammatory agent. **Ind. J. Chemistry**. (2017) 56B, 1177-1184. (Impact Factor: 0.49) Print ISSN:0376-4710, Online ISSN: 0975-0975.
43. Nabi S., Khan V., Sharma S., Ekbbal R., Ansari M. A., **Haque S.E**. Role of Cactus grandiflorus in reversal of histological disruption and extent of infarction on Isoproterenol-induced myocardial damage in Wistar rats. **Journal of Pharmacy Research**. (2017) 11 (2), 142-145. (Impact Factor: Nil) Print ISSN:0974-6943.

2016

44. Singh B.K., Pillai K.K., Kohli K. and **Haque S. E**. Cissampelos pareira Linn. ameliorates thyroxin-induced cardiac hypertrophy in rats **Journal of Ethnopharmacology**. (2016) 178, 281–288. . (Impact Factor: 4.360) Print ISSN:0378-8741.
45. Iqbal A., Iqbal M. K., and **Haque S.E**. Experimental hepatotoxicity inducing agents: A Review. **International Journal of Pharmacological Research** (2016)6 (11), 325-335. ISSN:0974-2366.
46. Siddiqui A., Sharma S., Khan V., Ekbbal R., Ansari M. A., **Haque S.E**. Combinational Therapy of Metformin and Ellagic Acid Reduces Infarct Area and Myofibril Damage in Isoproterenol-Induced Myocardial Infarction in Wistar Rats. **European Journal of Pharmaceutical and Medical Research**. (2016)3 (11), 576-579. ISSN:2394-3211.
47. Gupta R.K. and **Haque S.E**. Resveratrol in combination with green tea reduces myocardial infarct area and improves histological changes in isoproterenol-induced cardiotoxic rats **Journal of Pharmacy Research**. (2016) 10 (10), 618-622. Print ISSN:0974-6943.

48. Iqbal A., Iqbal, M. K. and Haque, S.E. Various rodent models for inducing Hepatotoxicity and evaluating Hepatoprotective drugs **Journal of Pharmacy Research**, (2016)10(11),793-801. Print ISSN:0974-6943.
49. **Haque S.E.** Role of Aspirin in Cataract. **European Journal of Pharmaceutical and Medical Research**. (2016)3 (6), 237-243. ISSN:2394-3211.
50. **Haque S.E. and Tauseef M.** Effect of Aspirin and Celecoxib on Lens Glutathione and Soluble Protein Profile in Naphthalene- Induced Cataract in Wistar Rats. **Journal of Pharmacy Research**. (2016)10 (5), 270-274. Print ISSN:0974-6943.
51. Iqbal A, Iqbal K. and **Haque S. E.** Hepatic Carcinoma: A Global Menace. **European Journal of Pharmaceutical and Medical Research** (2016) 3 (10), 116-123. ISSN:2394-3211.
52. Hassan M.Q., Akhtar M. S., Akhtar M., Ali J., **Haque S. E.** and Najmi A. K. Edaravone, a potent free radical scavenger and a calcium channel blocker attenuate isoproterenol induced myocardial infarction by suppressing oxidative stress, apoptotic signalling and ultrastructural damage. **Therapeutic advances in cardiovascular disease**. (2016)1-10. Print ISSN: 1753-9447, Online ISSN: 1753-9455.
53. Rathore V.P.S, Chugh P., Ali R., Bhatnagar A, **Haque S.E.**, Bhatnagar A, Haque S.E., Bhatnagar A., Mittal G. Formulation, preclinical and clinical evaluation of a new submicronic arginine respiratory fluid for treatment of chronic obstructive pulmonary disorder. **Saudi Pharmaceutical Journal**. (2016) 24, 49-56. (**Impact Factor: 4.330**) Print ISSN: 1319-0164.

2015

54. **Haque S.E.** Liver disorder and its clinical investigation. **Journal of Pharmacy Research**. (2015) 9 (12), 678-681. Print ISSN:0974-6943.
55. Amanullah A., Ekbbal R. and **Haque S.E.** Evaluation of combinational therapy of resveratrol and black tea extract on doxorubicin-induced myocardial infarction in Wistar rats. **Journal of Pharmacy Research**. (2015) 9(9), 581-587. Print ISSN:0974-6943.
56. Kaleem M and **Haque S.E.** Evaluation of cardioprotective role of vinpocetine in Isoproterenol-induced myocardial infarction in rats. **Journal of Pharmacy Research**. (2015)9(7), 408-414. Print ISSN:0974-6943.
57. Hassan M.Q., Akhtar M. S., Akhtar M., Ansari S. H., Ali J., **Haque S. E.** and Najmi A. K. Edaravone protects rats against oxidative stress and apoptosis in experimentally-induced myocardial infarction: Biochemical and ultrastuctural evidence. **Redox Report**. (2015) 20:6, 275-281. (**Impact Factor: 4.412**) Print ISSN:1351-0002, Online ISSN: 1743-2928.

58. Chakraborty S., Pujani M. and **Haque S. E.** Combinational effect of resveratrol and atorvastatin on isoproterenol-induced cardiac hypertrophy in rats. **Journal of Pharmacy and Bio-allied Sciences.** (2015)7 (3): 233-238. Print ISSN:0976-4879, Online ISSN: 0975-7406.
59. **Haque S.E.**, Verma R.K., Khan V., Sharma S. Cactus grandiflorus: A homeopathic remedy for cardiac ailment. **Indian Journal of Pharmacy and Pharmacology.** (2015)2 (1); 74-80. Print ISSN:2393-9079, Online ISSN: 2393-9087.
60. Hassan M.Q., Akhtar M. S., Akhtar M., Ansari S. H., Ali J., **Haque S. E.** and Najmi A. K. Benidipine prevents oxidative stress, inflammatory changes and apoptosis related myofibril damage in isoproterenol-induced myocardial infarction in rats. **Toxicol Mech Methods.** (2015)25(1): 26-33. (**Impact Factor: 2.987**) Print ISSN: 1537-6516, Online ISSN: 1537-6524.

2014

61. Rathore V.P.S, Chugh P.K., Bhatnagar A, **Haque S.E.**, Bhatnagar A, Mittal G. Submicronic Salbutamol Respiratory Fluid: A Novel Formulation for Treating Broncho Constrictive Diseases. **Am. J. Pharm Tech. Res.** (2014) 4 (5), 1-15. ISSN:2249-2387.
62. Khan G., **Haque S.E.**, Anwer T., Ahsan M.N., Safhi M.M., and Alam M.F. Cardioprotective effect of green tea extract on doxorubicin-induced cardiotoxicity in rats. **Acta Poloniae Pharmaceutica-Drug Research.**(2014)71 (5), 861-868. (**Impact Factor: 0.33**) Print ISSN: 0001-6837, Online ISSN: 2353-5288.

2013

63. Singh B.K., **Haque S. E.** and Pillai K.K.(2013) Assessment of non-steroidal anti-inflammatory drug-induced cardiotoxicity. **Expert Opin. Drug Metab. Toxicol.** (2013) 10 (2), 1-14. (**Impact Factor: 4.481**) Print ISSN: 1742-5255, Online ISSN: 1744-7607.
64. Singh B.K., Pillai K.K., Kohli K. and **Haque S. E** Effect of Cissampelos pareira root extract on isoproterenol-induced cardiac dysfunction **J Nat Med**, (2013) 67, 51-60. (**Impact Factor: 2.343**) Print ISSN: 1340-3443, Online ISSN: 1861-0293.

2012

65. Verma R.K., **Haque S. E** Pillai K.K. Cactus grandiflorus, a homeopathic preparation has protective effect against doxorubicin induced cardiomyopathy in rats. **International journal of phytopharmacology.**(2012) 3(3), 281-290. Print ISSN: 2229-7472, Online ISSN: 0975-9328.
66. Ansari J.A., Bhandari U. **Haque S.E.** and Pillai K.K. Effect of rosuvastatin on obesity-induced cardiac oxidative stress in Wistar rats- A preliminary study. **Ind. J. Exp. Biol.** (2012) 50, 216-222. (**Impact Factor: 0.818**) Print ISSN: 0975-1009, Online ISSN: 0019-5189.

67. Badruddeen, Fareed S, Siddiqui H. H., **Haque S.E.**, Psychoimmunomodulatory activity of *Salvadora persica* L. (Miswak) extract on stress model in rats. **Asian Journal of Traditional Medicines**. (2012)7(3): 109-117. Print ISSN: 1817-4337.
68. Badruddeen, Fareed S, Siddiqui H. H, **Haque S. E.**, Khalid M., Akhtar J. Psychoimmunomodulatory Effects of *Onosma bracteatum* Wall. (Gaozaban) on Stress Model in Sprague Dawley Rats. **Journal of Clinical and Diagnostic Research**. September (Suppl), (2012) Vol-6(7): 1356-1360. Print ISSN: 0973-709X.

2011

69. Singh B.K., Pillai K.K., Kohli K. and **Haque S. E.** Isoproterenol-induced cardiomyopathy in rats: Influence of *Acorus calamus* Linn. **Cardiovasc Toxicol**. (2011) 11, 263–271. (Impact Factor: 3.239) Print ISSN: 1530-7905, Online ISSN: 1559-0259.
70. Ansari J.A., Bhandari U. **Haque S.E.** and Pillai K.K. Enhancement of antioxidant defense mechanism by pitavastatin and rosuvastatin on obesity-induced oxidative stress in Wister rats. **Toxicology Mechanisms and Methods**. (2011)22(1):67-73. (Impact Factor: 2.987) Print ISSN: 1537-6516, Online ISSN: 1537-6524.
71. Ayaz A, Binayak D, **Haque S E**, Khan G, Shahzad N. Role of green tea extract against doxorubicin-induced cardiotoxicity in rats. **International Journal of Research in Pharmacy and Science**. (2011) 1(1),44-56. (Impact Factor: Nil) ISSN: 2249-3522.

2010

72. Singh B.K., Pillai K.K., **Haque S. E.** and Dubey K. Diclofenac sodium a nonselective nonsteroidal anti-inflammatory drug aggravates Doxorubicin-induced cardiomyopathy in rats. **J. Cardiovasc Pharmacol**. (2010) 55, No. 2, 139-144. (Impact Factor: 3.105) Print ISSN: 0160-2446, Online ISSN: 1533-4023.
73. Sharma M., Pillai K.K., Amwer T., Najmi A.K., **Haque S.E.** and Sultana Y. Protective effect of silymarin in streptozotocin-induced diabetic dislipidemia in rats. **Oriental Pharm. Exp. Med**. (2010) 10(3), 165-172. (Impact Factor: Nil)

2009

74. Siddiqui N., Rana A., khan S. A., **Haque S. E.**, Alam M.S., Ahsan W. and Arshad F. Anticonvulsant and toxicity evaluation of newly synthesized 1-[2-(3,4-disubstituted phenyl)-3-chloro-4-oxoazetidine-1-yl]-3-(6-substituted-1,3-benzothiazol-2-yl) ureas. **Acta Chim. Slov**. (2009)56: 462-469. (Impact Factor: 0.93) Print ISSN: 1318-0207, Online ISSN: 1580-3155.
75. Siddiqui N., Rana A., khan S. A., **Haque S. E.**, Arshad F., Ahmed S., Ahsan W. Synthesis and preliminary screening of benzothiozole-2-yl thiozole derivatives for

anticonvulsant activity. **Acta Pharm. (2009)** 59: 441-451. (**Impact Factor: 11.614**) Print ISSN: 2211-3835.

76. Siddiqui N., Rana A., Khan S. A., **Haque S. E.**, Alam M. S., Ahsan W., and Ahmed S. Synthesis of 8-substituted-4-(2/4-substituted phenyl)-2H-[1,3,5] triazino [2,1-b] [1,3] benzothiazole-2-thiones and their anticonvulsant, antinociceptive, and toxicity evaluation in mice. **Journal of Enzyme Inhibition and Medicinal chemistry (2009)** 24 (6): 1344-1350. (**Impact Factor: 5.051**) Print ISSN: 1475-6366 Online ISSN: 1475-6374.

2008

77. Rana A, Siddiqui N, Khan S. A, Haque S.E, Bhat M. A. N-[[6-substituted-1, 3-benzothiazole-2-yl) amino]carbonothioyl]-2/4-substituted benzamides: Synthesis and pharmacological evaluation. **Eur. J. Med. Chem. (2008)**43: 1114-1122. (**Impact Factor: 6.514**) ISSN: 0223-5234.
78. Sharma M, Anwer T, Pillai K.K., **Haque S. E.**, Najmi, A. K. Sultana Y; Silymarin, a flavonoid antioxidant, protects streptozotocin-induced lipid peroxidation and B-cell damage in rat pancreas. **Oriental Pharm. Exp. Med. (2008)** Vol. 8, (2), 146-153.

2007

79. Anwer T, Sharma M, Pillai K.K, **Haque S.E**, Alam M. M, Zaman M. S; Protective effect of Bezafibrate on streptozotocin-induced oxidative stress and toxicity in rats **Toxicology. (2007)**, 229: 165-172. (**Impact Factor: 4.221**) ISSN: 0300-483X.
80. Siddiqui N, Rana A, Khan S.A., Bhat M. A. and **Haque S.E**. Synthesis of benzothiazole semicarbazones as novel anticonvulsants – the role of hydrophobic domain. **Bioorg. Med. Chem. Lett. (2007)** 17 (15): 4178-4182. (**Impact Factor: 2.823**) ISSN: 0960-894X.
81. Youssouf M S, Kaiser P, Tahir M, Singh G.D, Singh S, Sharma V.K, Satti N.K, **Haque S. E.**, R.K. Johri; Anti-anaphylactic effect of Euphorbia hirta. **Fitoterapia (2007)** 78: 535-539. (**Impact Factor: 2.882**) ISSN: 0367-326X.

2005

82. **Haque S. E.** and Gilani KMA; Effect of Ambroxol. Spirulina and Vitamin-E in Naphthalene-induced cataract in female rats. **Ind. J. Physiol. Pharmacol. (2005)**2f 49 (1): 57-64. Print ISSN: 0019-5499, Online ISSN: 2582 – 2799
83. **Haque S.E**, Gilani K.M.A, Sherwani A.M.K; Spirulina: An overview **Hamdard Medicus. (2005)** XL VIII, No.1, 53-57.
84. **Haque S. E.**, Gilani K.M.A and Tauseef M; Emerging role of Ambroxol in respiratory diseases **J. Sci. Pharm. (2005)** Vol. 6, No.1, 26-35.

85. **Haque S. E.** and Ali A; Molten globule: An intermediate of protein folding-unfolding pathway **J. Sci. Pharm.** (2005) Vol. 6, No.-4, 138-145.

2004

86. **Haque S.E.**; Isothermal denaturation of cytochrome-c by urea at different pH values **Oriental J. Chem.** (2004) 20 (3) 557-560.
87. **Haque S.E.**; Hydrophobic Interaction and Protein Folding, **J. Sci. Pharm.** (2001) Vol. 2, No.-2, 69-74.
88. **Haque S.E.**; Protein Denaturation (minireview) **J. Sci. Pharm.** (2000) 1, No. 1, 26-30.
89. Ahmad F., Taneja S., Yadav S., and **Haque S.E.**; A New Method for Testing the Functional Dependence of Unfolding Free Energy changes on denaturant concentration. **J. Biochem-Tokyo**, (1994) 115, 322-327. (**Impact Factor: 3.387**) Print ISSN: 0021-924X, Online ISSN: 1756-2651.

Proceedings published 03

Haque S.E., Gupta S and Haque M. Effect of Rutin and Pyritinol on selenite-induced cataract in rat pups. **Int. J. Pharm. And BioSc.** ISSN 0975-6299 as **proceeding-22** in AICTE sponsored National Seminar on New Horizons in Drug Discovery and Development. 17-18 September 2011.

Haque S.E.; Pillai K.K., Ahmad F.; A peep into the molecular mechanism of action of lithium. (2000) **Ind. J. Pharmacol.** 32, No. 1, pp75.

Nazmi A.S., Pillai K.K., Ahmad S.J., **Haque S.E.**, Dubey K., Karim S., Siddiqui M.A.A., and Nazmi A.K.; Abresham (a unani medicine) protects against Doxorubicin induced myocardiopathy in rats. (2000) **Ind. J. Pharmacol.** 32, No. 2, pp 156.

Chapters in book:

- Haque, S.E., Khan A., Iqbal, A. Mechanism of NLRP3 Activation, Associated Cardiovascular Complications and Update on its Inhibitors Acting as Cardioprotective Agent. In the book entitled “**The NLRP3 Inflammasome: An Attentive Arbiter of Inflammatory Response**”. ISBN: 978-981-5223-95-8 (Print), ISBN: 978-981-5223-94-1 (Online), Edited by: Puneetpal Singh. Publisher: Bentham Books, Year-2024. Pp. 72-95 (24). DOI:10.2174/97898152239411240101.

- Iqbal, A., Haque, S.E. (2022). Molecular Mechanism of Oxidative Stress in Cancer and Its Therapeutics. In: Chakraborti, S. (eds) Handbook of Oxidative Stress in Cancer: Therapeutic Aspects. Springer, Singapore. https://doi.org/10.1007/978-981-16-5422-0_150.
- Classification and Definitions of Cardiomyopathies by Bhulan Kumar Singh, Krishna Kolappa Pillai, Kanchan Kohli and Syed Ehtaishamul Haque.
Source: **Cardiomyopathies - From Basic Research to Clinical Management**
ISBN-978-953-307-834-2, Edited by: Josef Veselka, Publisher: InTech, February 2012:

Annexure-2

Abstracts of papers presented in conferences

1. **Haque S. E.**, Adhikari R. Protective effect of *Foeniculum vulgare* essential oil on doxorubicin-intoxicated rats. Two days workshop on Molecular Docking, Virtual screening and Biologics Discovery, 12-13th March 2018, Schrodinger, organized by Department of Pharmaceutical Chemistry, SPER, Jamia Hamdard, New Delhi.
2. **Haque S. E.**, Khan V., Sharma S. and Bhandari U. Evaluation of cardioprotective role of raspberry ketone in Wistar rats. 2nd National Conference of Advanced Institute of Pharmacy (NCAIP-2018) on “*Challenges of drug development and regulations in a global environment*” 14th April 2018, Advanced Institute of Pharmacy, Palwal.
3. **Haque S. E.**, Khan V., Effect of phenolic constituent of *Rubus idaeus* on isoproterenol-induced myocardial infarction in rats. AICTE-sponsored one day National conference on Pharmaceutical Regulatory landscape: its key role and functions, Industry-Academia Continuum. February 13, 2018, held at Department of Pharmaceutics, SPER, Jamia Hamdard, New Delhi.
4. **Haque S. E.**, Kumar R and Chakraborty S. *Cactus grandiflorus* improved histopathological changes in doxorubicin challenged rat's heart. DST sponsored two days national seminar on “*Evidence based Alternative Medicine: Challenges and opportunities*” 29-30th April **2016**, Ram-Eesh Institute of Vocational and Technical Education, Greater Noida, U.P.
5. **Haque S. E.**, Kumar B., Sharma S., Khan V., Ekbbal R. and Ansari A. Reversal of cardiotoxicity in hyperthyroid rats by Vacha, an Ayurvedic medicine. National Conference on “*21st Century Challenges in Pharma regulatory affairs: Redefining the stratagem for global competition*” Sponsored by Department of Pharmaceuticals Ministry of Chemicals and fertilizers, Government of India, 21st April 2016, at Jamia Hamdard, New Delhi.

6. **Haque S. E.**, Kumar B. S. and Ekbbal R. Role of herbal extract in experimentally induced hyperthyroidism in rats. National Conference on “*PAT and QbD-The Enablers of Pharmaceutical Quality*” Sponsored by Department of Pharmaceuticals Ministry of Chemicals and fertilizers, Government of India, 17th March 2016, at Jamia Hamdard, New Delhi.
7. **Haque S.E.**, Amanullah A. Reversal of doxorubicin-induced myocardial disintegration by natural antioxidants in rats. Two days workshop on ***Recent Advances in Molecular modelling and Drug design***, Nov. 21, 22, **2015**, Jamia Hamdard, New Delhi-110062.
8. **Haque S.E.**, Amanullah A., Ekbbal R. Effect of Resveratrol and Black Tea Extract on Cellular Architecture of Rats Myocardium. ***2nd One day symposium on New Horizons in Drug Discovery and Development-2***. 16th April **2015**. Jamia Hamdard, New Delhi-110062.
9. **Haque S.E.**, Kaleem M., Ekbbal R. Cardioprotective role of vinpocetine in isoproterenol-induced oxidative stress in Wistar rats. ISARCON-2015. ***28th Annual conference. Indian Society for atherosclerosis research & CME New paradigms in Atherosclerosis and cardiovascular disorders***. 29th -31st Oct. **2015**. HIMSAR. Jamia Hamdard, New Delhi-110062.
10. **Haque S.E.**, Chakraborty S., Amanullah A., Ekbbal R. Cardioprotective role of a natural polyphenol of white hellebore on oxidative stress model of rats. One day symposium on ***Current Trends in Drug Discovery Research in India***. 11th April **2015**, Shiv Nadar University, Gautam Budh Nagar, U.P.-201314.
11. **Haque S.E.**, Singh B.K., Pillai K.K., Kohli K. Cardioprotective Role of Cissampelos Pareira Root Extract In Experimentally Induced Hyperthyroidism In Rats. ***12th Annual Conference of International Society for Heart Research*** (Indian Section), March 14-15 **2015**, School of Life sciences, JNU.
12. **Haque S.E.**, Chakraborty S., Pujani M., Ahmad A. 3, 4, 5-trihydroxy-trans-stilbene of grapes extended better cardioprotection over atorvastatin on isoproterenol-induced cardiac hypertrophy in rats. ***VII International Conference on “Recent Advances in cardiovascular Sciences”***, 10-11th March **2015**, Amity university, Noida-201313.
13. **Haque S.E.**, Chakraborty S., Pujani M. Effect of Resveratrol and Atorvastatin on Isoproterenol-induced Cardiac Hypertrophy in rats. ***Cardiovascular Research Convergence-2***, 17th Jan. **2015**, AIIMS, New Delhi.
14. **Haque S.E.**, Singh B.K., Pillai K.K., Kohli K. Cardioprotective evaluation of Cissampelos pareira in thyroxine-induced cardiac hypertrophy in rats. UGC SAP

sponsored second national seminar on “**Regulatory and Quality Aspects of Herbal Drugs and Botanicals**, Feb.1st, 2014, Hamdard University, New Delhi-62.

15. Singh B.K, Kapoor P, Pillai K.K, Kohli K, **Haque S.E.** Regression of isoproterenol-induced cardiotoxicity by *Cissampelos pareira* L. Indian J Pharmacol 2009;41 (suppl.1);S123 (**International Conference on Integrative and Personalized Medicine and 42th Annual Conference of Indian Pharmacological Society**), Dec. 10-12, Kolkata, India.
16. **Haque S. E.**, Gupta S., Pillai K.K., Siddiqui N. and Singh, B.K. Cardioprotective effect of unfermented tea (*Camellia sinensis*) on isoproterenol induced cardiomyopathy in rats. **AICTE sponsored National Seminar on Emerging Trends in Pharmaceutical sciences**. March 21-22, 2009, Jamia Hamdard, Delhi.
17. Ahsan W., Siddiqui N., Khan S.A., Rana A., **Haque S.E.**, Alam M. S., And Arshad M.F. Synthesis, Anticonvulsant and Toxicity evaluation of 1-[2-(3,4-disubstituted phenyl)-3-chloro-4-oxo azetidin-1-yl]-3-(6-substituted-1,3-benzothiazol-2-yl) ureas. **National Conference on Chemistry- Structure, Reaction Dynamics & Spectroscopy. August 21-23, 2008.** Department of chemistry, St. Stephen's college, University of Delhi, Delhi.
18. **Haque S.E.**, Bhowmik M., Ahmad A., Khan G., Siddiqui N. Role of Black tea extract on doxorubicin induced cardiomyopathy in rats. **Second International Symposium on Recent Advances in Cardiovascular Sciences**. February 28th 2008, DIPSAR, Delhi.
19. **Haque S.E.**, Khan G., Pillai K.K., Anwar T., Ahmad A. Preventive role of *Camellia sinensis* in doxorubicin induced myocardial infarction in rats. **Second International Symposium on Recent Advances in Cardiovascular Sciences**. February 28th 2008, DIPSAR, Delhi.
20. Khan G., **Haque S. E.**, Siddiqui N., Anwer T., Bhowmic M., Alam P., Preventive role of Green tea extract in Isoproterenol induced myocardial infarction in rats. **International Conference on Cardiac-Pulmonary Regulation in Health and Disease: Molecular and Systemic Integration**. February 22-24, 2007, Delhi University, Delhi.
21. Singh B.K., Dubey K., Pillai K.K., **Haque S.E.**, Diclofenac sodium aggravates doxorubicin-induced cardiomyopathy in rats. **XXXIX Annual Conference Indian Pharmacological Society Jaipur**. December 21-23, 2006.
22. Siddiqui N., Rana A., Khan S.A., **Haque S.E.**, Alam M.M., Synthesis of novel benzothiazole derivatives and their analgesic profile. **National Symposiumon**

“Challenges in Drug Discovery Research: Networking Opportunities Between Academia & Industries”. April 7-8, 2006, BIT, Pilani.

23. Khan G., Suruchi, **Haque S.E.**, Investigation on Dimagheen: A polyherbal formulation for its effects on epilepsy. **International Symposiumon “Advances in research on Neurodegenerative diseases”**. December 16th – 17th, 2005, Chennai.
24. Khan G., Suruchi, Kumar H., **Haque S.E**, Amir M., Vohora D.; Antiepileptic effects of Dimagheen. **Third International conferenceon plants and environmental pollution**. Dec 4, 2005, Jamia Hamdard, New Delhi.
25. **Haque S.E**, Gilani K.M.A, Effect of Ambroxol, Spirulina and Vitamin-E in Naphthalene induced cataract in rats. **“International Symposiumon Recent Advances in Pharmacology”**.January 7-8, 2004, Delhi.
26. **Haque S. E.** and Tauseef M; Effect of Celecoxib on Naphthalene- induced cataract in rats. **36th Annual Conference of the Indian Pharmacological Society**, Dec. 5-7 2003, D.U., Delhi.
27. Syed A. A., Jha M. C., **Haque S. E.**, Pillai K.K.; Effect of Mitomycin-C on Alpha Chymotrypsin- induced Glaucoma in Rabbits (2003) **36th Annual Conference of the Indian Pharmacological Society**, Dec. 5-7 2003, D.U., Delhi.
28. Fatima A., Jamil A., **Haque S. E.**, Pillai K.K.;Influence of carvedilol, Bombyx mori, Khamira Abresham Hakim Arshadwala, Trimetazidine and Lipoic acid against (A) Isoprenaline-induced myocardial infarction. (B) Hypoperfusion / Reperfusion Brain injury **(2001) Annual Conference of International Society for heart research (Indian Section)**, January 27-29, 2001, AIIMS, New Delhi.

Annexure-3

Seminars/ Symposiums participation

1. 7th International Congress of Society for Ethnopharmacology, India (SFEC 2020). Theme: Ethnopharmacology in development of Scientifically validated quality products from medicinal plants & Regulatory aspects. Organized by Bioactive natural products Laboratory (BNPL) in association with Society for Ethnopharmacology, India. 15-17th February, 2020.
2. Training seminar on Chromatographic solutions: The Science and Practice of HPLC. 25th September 2019. Shimadzu, Spinco Biotech Pvt. Ltd., Noida held at SPER, Jamia Hamdard, New Delhi.

3. 3rd One day National Conference on New Horizons in Drug Discovery & Development (NHDDD-3), The role of NMR, 18th February 2019 organized by Department of Pharmaceutical Chemistry, Jamia Hamdard, New Delhi.
4. Symposium and training on “Ethical use of laboratory animals” (EULA 2019), February 14, 2019, organized by Central Animal House Facility & Centre for Faculty development, Jamia Hamdard, New Delhi.
5. Workshop on application of NMR spectroscopy in chemistry, December 14, 2017 at Department of Pharmaceutical chemistry, SPER, Jamia Hamdard, New Delhi.
6. National Seminar on Biomedical engineering, Food and Fermentation Technology, 28th March 2017 organized by Department of food technology, Jamia Hamdard, New Delhi in collaboration with Society for Biomaterials and artificial organs India, Delhi.
7. Pharmacovigilance Symposium on 3rd March 2017 at at School of Pharmaceutical Education and Research, Jamia Hamdard, New Delhi.
8. National Science Day poster making event, February 28th 2017 at School of Pharmaceutical Education and Research, Jamia Hamdard, New Delhi.
9. National seminar on Industry expectations from Academia held at School of Pharmacy Lloyd Institute of management & Technology, Greater Noida. 12th November 2016.
10. IGPA sponsored National Conference on Perspectives and Challenges in Pharmaceutical Science, March 5th 2016 at Shree Ganpati Institute of Technology.
11. Department of pharmaceuticals, Ministry of chemicals and fertilizers, Government of India sponsored National Seminar on Reassessing the basic elements of quality assurance for pharmaceutical performance using ICH Q10 guidelines, March 18, 2016 at Jamia Hamdard, New Delhi.
12. AIIMS-DBT Brain Storming Symposium on Challenges in Tuberculosis Diagnosis and Management. World TB Day-24th March, 2015.
13. Ranbaxy 21st Annual Symposium on Neurodegeneration. 9th March 2015, ICGEB, New Delhi.
14. UGC SAP sponsored National Conference on Chronic Inflammatory Disorders. 13-15 Feb. 2014, Jamia Hamdard, New Delhi.

15. 6th Bioinformatics workshop cum hands on training on Bioinformatics and Biologicals. 27-28 Nov. 2014, National Institute of Biologicals, Noida and Jamia Hamdard, New Delhi.
16. IV Bioinformatics conference cum hands on training on Application of Bioinformatics in Drug Discovery and development. 19-20 Dec. 2014, Jamia Hamdard, New Delhi.
17. Seminar on Best Practices on Pharmacovigilance, held on April 24 & 25, 2009 at the All India Institute of Medical Sciences in collaboration with WHO.
18. 60th Indian Pharmaceutical Congress held at New Delhi, India from Dec. 12th to 14th 2008.
19. International Workshop and Conference on Clinical Research, conducted by Institute of Clinical Research, Delhi, India, December 3rd & 4th, 2005.
20. A Patent Awareness Workshop sponsored by DST, Government of India and Jamia Hamdard at New Delhi, January 18, 2003.
21. Seminar on USP Initiative on Biotechnology and Microbiology sponsored by IPA, September 20, 2002.
22. National Assessment and Accreditation Council Workshop, Jamia Hamdard, New Delhi, August 16, 2002.
23. Indian Psychiatric Society-North Zone, mid-term CME programme, IHBAS, Delhi, May 5, 2002.
24. Symposium on Challenges in Clinical Pharmacology at Vallabhbhai Patel Chest Institute, University of Delhi, November 16, 2001.
25. CME on New Drug Development in Neuropsychiatric Disorder Relevance in Clinical Practice (Institute of Human Behaviour and Allied Sciences, Delhi) Sept. 5-7, 2000.
26. Frontiers in Pharmacology and Therapeutic in 21st Century (IPS) December 1-4, 1999.
27. International Conference on Spectroscopy: perspective and frontiers (BARC, Mumbai) January 3-5, 1996.
28. International symposium on "Recent Trends in Life Sciences" (NII, Delhi) January 8-12, 1994.

Annexure-4**Supervisor for M. Pharm students**

Sl.	Name of student	Title of Thesis	Status
1	Kchaitanya	Effect of Cedral on cardio and hepatotoxicity in Wistar albino rats. (2023-24)	Awarded
2	Sirajuddin Molla	Effect of Cedral on cardio and hepatotoxicity in Wistar albino rats. (2023-24)	Awarded
3	Malsawnzuali	Usage of Antibiotics in the surgery department of HAHC Hospital	Awarded
4.	Kishan Kimar	Evaluation of risdronate in reversal of cyclophosphamide induced neuro and renal toxicity in Wistar albino rats (2022-23)	Awarded
5.	Puli Mansa	Evaluation of potential role of risdronate in reversal of the cyclophosphamide induced cardiac and hepatic toxicity in Wistar albino rats (2022-23)	Awarded
6.	Yuman Rasool	To compare the analgesic efficacy of Tapentadol Nasal Spray and Aceclofenac in laparoscopic cholecystectomy. (2021-22)	Awarded
7	Syed Abul Fazal	Supplementation of Vitamin D for the prevention of bone loss induced by AEDs in epileptic patients (2020-21)	Awarded
8	Aftab Alam	To assess the safety and efficacy of stem cell therapy for acute myocardial infarction: A systematic review (2020-21)	Awarded
9	Adeeba Layeeq	Use of nitric oxide in treatment and protection of Covid-19 (2020-21)	Awarded
10	Wasim Akram	Effect of Guaiazulene on isoproterenol-induced myocardial infarction in rats. (2019-2020)	Awarded
11	Mohammad Altamish	Effect of Arnica Montana on Doxorubicin induced myocardial infarction in Wistar albino rats (2019-20)	Awarded
12	Mohd. Wasim	Evaluation of cardio-protective potential of Peanut skin extract on doxorubicin-induced cardiotoxicity in Wistar rats. (2018-19)	Awarded
13	Mohd. Ashraf	Effect of aqueous extract of Foeniculum vulgare on cyclophosphamide-induced myocardial infarction in Wistar rats. (2018-19)	Awarded
14	Sarika Mehta	Effect of Arnica Montana on Isoproterenol induced myocardial infarction in rats (2017-18)	Awarded
15	Nigar Hyat	Evaluation of cardioprotective effect of Khamira Gaozaban Ambari Jadwar Ood saleeb Wala (KGA) in Isoproterenol induced myocardial infarction in rats (2017-18)	Awarded
16	Shafiu Rabi	Effect of piperine and resveratrol on Isoproterenol induced	Awarded

		myocardial infarction in rats (2017-18)	
17	Rupesh Adhikari	Evaluation of cardioprotective effect of <i>foeniculum vulgare</i> in doxorubicine-induced cardiotoxic rats. (2016-17)	Awarded
18	Mohd. Kamran	Association of Non-alcoholic Fatty Liver Disease and atherosclerosis in south Delhi population (2016-17)	Awarded
19	Aamir Khan	Cardioprotective evaluation of cinnamaldehyde and quercetine combination on Isoproterenol-induced myocardial infarction in rats. (2016-17)	Awarded
20	Aisha Siddiqui	Cardioprotective evaluation of combined effect of ellagic acid and metformin on Isoproterenol-induced myocardial infarction in rats (2015-16)	Awarded
21	Sayima Nabi	Evaluation of cardioprotective action of cactus grandiflorus on Isoproterenol-induced myocardial infarction in Wistar albino rats (2015-16)	Awarded
22	Ravi Gupta	Evaluation of cardioprotective potential of resveratrol and green tea in combination on Isoproterenol-induced myocardial infarction in rats (2015-16)	Awarded
23	Mohammed Kaleem	Evaluation of cardioprotective role of vinpocetine in Isoproterenol-induced myocardial infarction in rats (2014-15)	Awarded
24	Ahmad Amanullah	Combinational effect of resveratrol and black tea extract on doxorubicin-induced myocardial infarction in rats (2014-15)	Awarded
25	Songjucta Chakraborty	Effect of resveratrol and Atorvastatin on Isoproterenol-induced cardiac hypertrophy in rats (2013-14)	Awarded
26	Abeer Kamil	Identification of hepatitis B & C in Hamdard University, HAHC Hospital, New Delhi (2012-13)	Awarded
27	Md. Mamdoohul Haque	Comparative study of atorvastatin versus rosuvastatin: their safety and efficacy on patients suffering from hyperlipidemia (2011-12)	Awarded
28	Ravindra Kumar	Cardioprotective evaluation of cactus grandiflorus in doxorubicin induced cardiomyopathy in rats (2008-2009).	Awarded
29	Ayaz Ahmad	Role of black tea extract (BTE) and vitamin c in doxorubicin induced cardiotoxicity in rats (2007-08).	Awarded
30	Mallai BhowmiK	Effect of black tea extract on doxorubicin induced myocardial infarction in rats (2006-07).	Awarded
31	Sachin Gupta	Effect of green tea (camellia sinensis) extract on isoproterenol-induced myocardial infarction in rats (2004-05).	Awarded
32	Sumit Gupta	Effect of antioxidants in selenite-induced cataract in rats (2003-04).	Awarded
33	Md. Akbar	Effect of ambroxol, spirulina and vitamine-e on	Awarded

	Gilani	naphthalene induced cataract in rats. (2002-03).	
34	Mohammed Tauseef	Effect of aspirin and celecoxib on naphthalene induced cataract in rats (2001-02).	Awarded
35	Syed Ayaz Ali	Effect of mitomycin-c on naphthalene induced cataract in rats and alpha chymotrypsin induced glaucoma in rabbits. (1999-2000).	Awarded
36	Ambrin Fatima	Influence of carvedilol, bombyx mori, khamira abresham hakeem arshadwala, trimetazidine and lipoic acid against: (a) isoprenaline induced myocardial infarction. (b) hypoperfusion/reperfusion brain injury (1999-2000).	Awarded

Annexure-5

Ph.D. Guidance as Supervisor/Co-supervisor

Sl. No.	Name of student	Title of Ph.D thesis	Guidance	Funding Agency	Status
1.	Gyas Khan	Effect of herbal extract on experimentally induced myocardial infarction in rats	Supervisor	SFS	Awarded (2008)
2.	Bhulan Kumar Singh	Effect of herbal medicinal plants on drug-induced cardiac hypertrophy in rats.	Supervisor	UGC BSR	Awarded (2014)
3.	Vasim Khan	Cardioprotective effect of raspberry ketone in isoproterenol-induced cardiac dysfunction in Wistar rats	Supervisor	SFS	Dt. of Reg. 09-01-13 Awarded (2019)
4.	Sumit Sharma	Effects of Icariin in isoproterenol induced cardiotoxicity in Wistar rats	Supervisor	UGC BSR (6-11-13 upto 2018)	Dt. of Reg. 02-02-13 Awarded (2019)
5	Asif Ansari	Effect of nimodipine and vinpocetine and their combination on isoproterenol induced myocardial infarction in rats	Supervisor	UGC National Fellowship OBC (01-04-15 upto 2020)	Dt. of Reg. 06-02-15 Awarded 2020
6	Ashif Iqbal	Protective effect of nerolidol against Cyclophosphamide-induced organ toxicity	Supervisor	CSIR	Dt. of Reg. 11-09-17 Awarded (2021)

7	Rustam Ekbbal	Evaluation of Swerchirin in Isoproterenol-induced cardiotoxicity in Wistar rats.	Supervisor	SFS	Dt. of Reg. 04-12-14 Awarded (2022)
8	Jamal Anwer Baig	Role of angiotensin receptors in adriamycin induced toxicity	Co-Supervisor	SFS	Awarded (2009)
9.	Ansari Javed Akhtar	To investigate the modulatory role of statin treatment on various cardiovascular biomarkers in murine model of high fat diet-induced obesity	Co-Supervisor	SFS	Awarded (2013)
10.	Badruddin	Psychoimmunomodulatory effects of Gaozaban (<i>Onosma bracteatum</i>), Miswak (<i>Salvadora persica</i>) and Tabasheer (<i>Bambusa arundinacea</i>) on stress model in Sprague Dawley rats	Co-Supervisor	SFS	Awarded (2013)
11.	Md. Quamrul Hassan	Evaluation of Cardioprotective effect of Edaravone and Benidipine in experimental models of cardiotoxicity	Co-Supervisor	SFS	Awarded (2017)
12	Sayima Nabi	Evaluation of antiobesity potential of Saroglitazar in monosodium glutamate obese neonatal Wistar rats.	Co-supervisor	SFS	Dt. of Reg. 11-09-2017 Awarded (2023)
13	Aamir Khan	Effect of D-Pinitol on isoproterenol induced Myocardial infarction in Swiss Albino mice	Supervisor	SFS	Dt. of Reg. 05-11-18 Awarded 27/3/24
14	Mohd Waseem	Effect of verbenone on cyclophosphamide induced multiple organ toxicity in Swiss albino mice	Supervisor	DST Purse Grant/ICMR SRF	Dt. of Reg. 15-11-19 Continuing
15	Md.Tousif	In-vitro and In-vivo evaluation of gastrodin on breast cancer.	Supervisor	SFS	Dt. of Reg. 04-01-2021 Continuing
16	Tabassum Saifi	In-vitro and In-vivo evaluation of erdosteine and its combination with cyclophosphamide on hepatic cancer	supervisor	SFS	Dt. of Reg 18-01-2021 Continuing
17	Wasim Akram	Effect of levocabastine on cyclophosphamide-induced neurotoxicity in Swiss albino mice: Targetting NTS2 receptor.	Supervisor	ICMR SRF	Fee submission 15/06/21. Joining

					01/05/22
18	Mohd. Almas Khan	Evaluation of Camphene against cyclophosphamide induced cardio- and neurotoxicity in Wistar albino rats	Supervisor	SFS	Dt. of Reg. 27-01-2022 Continuing
19	Mohammad Moonis	Effect of rotundic acid on cyclophosphamide induced oxidative, inflammatory and apoptotic changes in various organs of Swiss albino mice	Supervisor	SFS	Dt. of Reg. 10-06-2021 Continuing
20	Adeeba Laeeq	Investigation of the potential role of terpinolene in reversing inflammation, apoptosis and oxidative stress in cyclophosphamide induced vital organ toxicity in Wistar albino rats	Supervisor	SFS	Dt of Reg. 20-01-2023 Continuing
21	Ms. Meenu	Evaluation of selected flavonoids as therapeutic intervention in diabetic nephropathy by inhibition of NF-kB and NLRP3 Inflammasome Pathway.	Co-supervisor	SFS	Dt. Of Reg 25-10-2018 Continuing
22.	Shadma Parween	Evaluation of veratric acid against cyclophosphamide induced multiorgan toxicity in Wistar rats	Co-supervisor	SFS	Dt. of Reg. 25-01-2022 Continuing
23	Sumit Sharma (Research Associate)	Preclinical evaluation of Icariin loaded nano- lipid carriers in anthracycline induced cardiac fibrosis and chronic heart failure in Wistar rats.	Supervisor	ICMR	24 months (19 th Jan. 2021-18th Jan. 2023) Finished