



1. PERSONAL DATA

Name: Mohd Anas Shamsi
Date of Birth: 15/04/1990
Place of Birth: India
Nationality: Indian
Contact Address: J1, block A, 2nd floor, female side, Ajman University, UAE.

Tel (Mobile): +971562430688
Tel (Office): +97167055282
Email: anas.shamsi18@gmail.com;
m.shamsi@ajman.ac.ae

2. ACADEMIC/PROFESSIONAL PARTICULARS

(a) Field of Specialization:

Major Field: **Protein Biochemistry**
Specialized Field: *Protein folding and dynamics*
Drug Design and Discovery
Cancer Therapeutics
Neurodegenerative diseases

(b) Academic Qualifications

Exams Passed	Year	University/Institute	Subjects	Distinction
B. Sc.	2011	Aligarh Muslim University, India	Biochemistry	IInd Faculty Topper
M. Sc.	2013	Aligarh Muslim University, India	Biochemistry	Ist Division
Ph.D.	2017	Aligarh Muslim University, India	Protein Biochemistry	

Ph.D. Thesis Title: Biochemical Studies on Buffalo and Rat Kidney Cystatin

(c) Academic Honors and Awards

Name of the Award	Awarding Institution	Year
Best Presenter at Science Day	Jamia Millia Islamia	2021
Dr. D.S. Kothari Postdoctoral	University Grants Commission	2020
National Postdoctoral Award	Department of Science & Technology	2017
Best Oral Presentation Award at PHOENIX 2017	Mangalore University	2017
Young Research Scientist Award	Global Research and	2017

	Development Services	
Best Paper Presenter Award	7th International Conference on Biotechnology, Bio Informatics, Bio Medical Sciences and Stem Cell Applications (B3SC)	2017
Oncotarget Award	Oncotargets	2017
University of Konstanz Grant	University of Konstanz	2017
Immunology foundation Travel Bursary Award	Immunology Foundation	2017
International Travel Award	Department of Biotechnology	2016
Basic Science Research Fellowship	University Grants Commission	2015
Graduate Aptitude Test in Engineering (GATE)	IIT	2014
Silver Medal (2 nd Faculty Topper in Bachelors)	AMU	2011
Bharat Sewa Trust	Aligarh Muslim University, India	2008

(d) Membership of Professional Bodies

Name of Professional Body	Membership Grade	Joining Year
Lifetime member of Global research and Development Services.	Lifetime Member	2018
Bioinformatics and Drug Design Society	Member	2018

(e) Language Proficiency

- English: Writing and reading with excellent proficiency
- Urdu: Writing and reading with excellent proficiency
- Hindi: Writing and reading with excellent proficiency
- Arabic: Reading
- Persian: Reading

3. CAREER DETAILS

(a) Academic Positions Held

Designation	Affiliation	Period
Full Time Researcher	Centre of Medical and Bio-allied Health Sciences Research	December 2022-Present
D.S. Kothari Postdoctoral Fellow	Centre for Interdisciplinary Research in Basic Sciences, Jamia Millia Islamia, New Delhi, India	2020-2022
National Postdoctoral Fellow	Centre for Interdisciplinary Research in Basic Sciences, Jamia Millia Islamia, New Delhi, India	2018-2020
Senior Research Fellow	Department of Biochemistry, Aligarh Muslim University, UP, INDIA.	2017-2017
Junior Research Fellow	Department of Biochemistry, Aligarh Muslim University, UP, INDIA.	2015-2017

(b) Professional/Industrial Positions Held NA

(c) Administrative Positions Held NA

4. Training

(a) Training

Training activity	Training Institution	<i>Period</i>
10day Autumn School Chemical Biology	University of Konstanz, Germany.	21.10.2017 to 30.10.2017
Workshop on "Molecular Pharmacology	PGIMER, Chandigarh	2 Days
Microscopy workshop	National Center for Biological Sciences (NCBS)	2 Days

5. RESEARCH

(a) Research Interests

Protein folding and dynamics
Drug design and discovery

(b) Publications

Type of Publication	Number of Publications
Articles in International Refereed Journals	93
Conference Papers	13
Books/Book Chapters	4
Edited Books	NA
Patents	NA
Others (specify)	
<i>Citation Source</i>	<i>Number of Citations</i>
Google Scholar	1750
h-index	24
i10 index	51
Total Impact factor of Publications	> 500

Research gate: https://www.researchgate.net/profile/Anas_Shamsi

Google scholar: <https://scholar.google.com/citations?user=fUZj634AAAAJ&hl=en>

(c) Research Grants

Title of Project	Awarding Body	Duration	Role	Grant Amount
Design and development of potential inhibitors of Sphingosine Kinase 1: A therapeutic approach to attenuate cancer progression.	Ajman University	2022-23	Co-Investigator	50000 AED
Structural and functional studies of brain cystatin: Exploration of possible mechanism for polyphenols induced protection in Alzheimer's disease	Ajman University	2022-23	Co-Investigator	20000 AED
Targeting the identification of supportive biomarker for early detection of Alzheimer's disease: Altered ferritin as a potential early-stage biomarker	University Grants Commission	2020-2023	Principal Investigator	25 Lakhs
In silico and In vitro Insight into the inhibitory potential of natural polyphenols and their derivatives to inhibit aggregation and glycation in human insulin	Ajman University	2020-2021	Co-Investigator	10 Lakhs

Cholinesterase inhibitors induced structural and functional transition of ferritin and transferrin: Implications of Alzheimer's drugs	Department of Science and Technology	2018-2020	Principal Investigator	21L
Effect of Donepezil on Ferritin	Ajman University	2019-2020	Co-Investigator	8L

(d) Patents

n/a

(e) Participation in Regional & International Conferences

1.	Oral Presentation entitled "Rosmarinic acid exhibits Anticancer effects via MARK4 inhibition at Cancer Research and Oncology" held at Dubai, UAE on 14-15 November 2022.
1.	Oral presentation entitled "Targeting MARK by rosmarinic acid: Implications in anticancer therapeutics" at National Science day 2020 at Jamia Millia Islamia, New Delhi, India.
2.	Poster Presentation at International conference "ICBAB-2019" entitled "Spectroscopic, calorimetric and molecular docking insight into the interaction of Alzheimer's drug donepezil with human transferrin: implications of Alzheimer's drug" at ICBAB-2019.
3.	Attended SBCADD 2019 held in Alagappa University, Karikudi.
4.	Poster Presentation at India International Science Festival 2018 held in Lucknow.
5.	Poster presentation entitled "Global transition of human serum albumin to prefibrillar aggregates in the presence of temsirolimus" at Frontiers in Cancer Science-2017 held at Singapore
6.	Autumn school chemical biology & ISBOC-11 at University of Konstanz, Germany (2017).
7.	Poster presentation entitled "Probing the interaction of anticancer drug temsirolimus with human serum albumin: Molecular docking and spectroscopic approach" at ISBOC-11 held at University of Konstanz, Germany from 27-29 September, 2017.
8.	Oral presentation "Temsirolimus induced reversion of cancerous renal cystatin to normal form in rats" in PHOENIX 2017 at Mangalore, India.
9.	Poster Presentation "Structural transition of kidney cystatin induced by silicon dioxide nanoparticles: An implication for renal diseases" at National Seminar on Recent Advances in Environmental Toxicology at Jamia Millia Islamia, New Delhi (2017).
10.	Oral presentation "Structural transition of kidney cystatin in dimethylnitrosaimne induced renal cancer in rats: Insight into renal cancer treatment" in "7th International Conference on Biotechnology, Bio Informatics, Bio Medical Sciences and Stem Cell Applications (B3SC), Singapore (2016)".
11.	Poster presentation "In vitro toxicity assessment of silica nanoparticles on buffalo kidney cystatin: biomarker for kidney damage" at Emerging Trends in Biomedical Sciences, AMU, Aligarh, India (2016).
12.	National Symposium cum Bioinformatics workshop on "Macromolecular structure, function, interaction and prediction", Biotechnology Unit, AMU, Aligarh, India (2016).
13.	Oral Presentation "In vitro toxicity assessment of silica nanoparticles on buffalo kidney cystatin: biomarker for kidney damage" at Nano Today 2015 in Dubai, UAE.
14.	Attended National Symposium on Recent Trends in Enzyme Technology, Toxicology and Bioinformatics, 2013 at the Department of Biochemistry, Faculty of Life Sciences, A.M.U. Aligarh.

6. SERVICE

(a) Membership of Institutional, National, or International Scientific Advisory Boards NA

(b) Membership of Conference Committees

Role	Name of Conference	Period
Organizing Secretary	Emerging Trends in Biomedical Sciences, AMU, Aligarh, India (2016).	March 2016

c) Service as Reviewers

S. No.	Name of Journal	Since
1.	Scientific Reports	2019
2.	International journal of biological macromolecules	2019
3.	Journal of Bimolecular Structure and Dynamics	2019
4.	Journal of Proteomics	2019
5.	Saudi Pharmaceutical Journal	2019
6.	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	2018
7.	Journal of Molecular Liquids	2017
8.	Biochemistry and Molecular Biology	2017
9.	Neural Regeneration Research	2019
10.	Saudi Pharmaceutical Journal	2019

d) Membership of Journal Editorial Boards

Role	Name of Journal	ISSN No	Publisher	Since
Editorial Board	Biochemistry and Molecular Biology	2575-5064	Science Publishing Group	2020
Guest Editor	Current Topics in Medicinal Chemistry	1568-0266	Bentham Science Publisher	2019

e) Invited Presentations at Scientific Meetings/Workshops

1.	Poster Presentation at International conference "ICBAB-2019" entitled "Spectroscopic, calorimetric and molecular docking insight into the interaction of Alzheimer's drug donepezil with human transferrin: implications of Alzheimer's drug" at ICBAB-2019.
2.	Poster presentation entitled "Global transition of human serum albumin to prefibrillar aggregates in the presence of temsirolimus" at Frontiers in Cancer Science-2017 held at Singapore
3.	Poster presentation entitled "Probing the interaction of anticancer drug temsirolimus with human serum albumin: Molecular docking and spectroscopic approach" at ISBOC-11 held at University of Konstanz, Germany from 27-29 September, 2017.
4.	Oral presentation "Temsirolimus induced reversion of cancerous renal cystatin to normal form in rats" in PHOENIX 2017 at Mangalore, India.
5.	Poster Presentation "Structural transition of kidney cystatin induced by silicon dioxide nanoparticles: An implication for renal diseases" at National Seminar on Recent Advances in Environmental Toxicology at Jamia Millia Islamia, New Delhi (2017).
6.	Oral presentation "Structural transition of kidney cystatin in dimethylnitrosamine induced renal cancer in rats: Insight into renal cancer treatment " in "7th International

	Conference on Biotechnology, Bio Informatics, Bio Medical Sciences and Stem Cell Applications (B3SC), Singapore (2016)".
7.	Poster presentation "In vitro toxicity assessment of silica nanoparticles on buffalo kidney cystatin: biomarker for kidney damage" at Emerging Trends in Biomedical Sciences, AMU, Aligarh, India (2016).

- f) University Service NA
g) Service to Profession/Industry NA
h) Public Service NA

7. List of Publications (in chronological order, starting with most recent)

(a) International Refereed Journals

93.	Atiya, Akhtar, Habiba Shahidi, Taj Mohammad, Sharaf E. Sharaf, Waleed Al Abdulmonem, Ghulam Md Ashraf, Abdelbaset Mohamed Elsbali et al. "A virtual screening investigation to identify bioactive natural compounds as potential inhibitors of cyclin-dependent kinase 9." Journal of Biomolecular Structure and Dynamics (2022): 1-12.	5.5
92.	Atiya, Akhtar, Debarati Das Gupta, Abdulrhman Alsayari, Mohammed Alrouji, Abdulmajeed Alotaibi, Sharaf E. Sharaf, Waleed Al Abdulmonem, Nasser M. Alorfi, K. M. Abdullah, and Anas Shamsi. "Linagliptin and Empagliflozin Inhibit Microtubule Affinity Regulatory Kinase 4: Repurposing Anti-Diabetic Drugs in Neurodegenerative Disorders Using In Silico and In Vitro Approaches." ACS omega (2023).	4.8
91.	Siraj, Seerat, Daraksha Yameen, Anas Shamsi, Faizya Khan, Asimul Islam, and Mohammad Mahfuzul Haque. "Interaction of Thioflavin T (ThT) and 8-anilino-1-naphthalene sulfonic acid (ANS) with macromolecular crowding agents and their monomers: Biophysical analysis using in vitro and computational approaches." Journal of Molecular Liquids (2023): 121270.	6.8
90.	Ali, Nabeel, Zainy Zehra, Anas Shamsi, Md Amjad Beg, Zahoor Ahmad Parray, Md Ali Imam, Naseem A. Gaur et al. "Elucidating the Role of Santalol as a Potent Inhibitor of Tyrosinase: In Vitro and In Silico Approaches." Molecules 27, no. 24 (2022): 8915.	4.9
89.	Hassan, Md Imtaiyaz, Darakshan Anjum, Taj Mohammad, Manzar Alam, Mohd Shahnawaz Khan, Moyad Shahwan, Anas Shamsi, and Dharmendra Kumar Yadav. "Integrated virtual screening and MD simulation study to discover potential inhibitors of Lyn-kinase: targeting cancer therapy." Journal of Biomolecular Structure and Dynamics (2022): 1-11.	5.5
88.	Waseem, Rashid, Anas Shamsi, Tanzeel Khan, Ayesha Anwer, Mohammad Shahid, Syed Naqui Kazim, Md Imtaiyaz Hassan, and Asimul Islam. "Characterization of advanced glycation end products and aggregates of irisin: Multispectroscopic and microscopic approaches." Journal of Cellular Biochemistry (2022).	4.8

87.	Ali, Nabeel, Ayesha Aiman, Anas Shamsi, Imtaiyaz Hassan, Mohammad Shahid, Naseem A. Gaur, and Asimul Islam. "Identification of Thermostable Xylose Reductase from <i>Thermothelomyces thermophilus</i> : A Biochemical Characterization Approach to Meet Biofuel Challenges." <i>ACS omega</i> 7, no. 48 (2022): 44241-44250.	4.1
86.	Atiya, Akhtar, Abdulrhman Alsayari, Abdullatif Bin Muhsinah, Dalia Almaghaslah, Anwar L. Bilgrami, Waleed Al Abdulmonem, Nasser M. Alorfi et al. "Role of lisinopril in the therapeutic management of cardiovascular disease by targeting microtubule affinity regulating kinase 4: molecular docking and molecular dynamics simulation approaches." <i>Journal of Biomolecular Structure and Dynamics</i> (2022): 1-7.	5.5
85.	Adnan, Mohd, Anas Shamsi, Abdelbaset Mohamed Elsbali, Arif Jamal Siddiqui, Mitesh Patel, Nawaf Alshammari, Salem Hussain Alharethi, Hassan H. Alhassan, Fevzi Bardakci, and Md Imtaiyaz Hassan. "Structure-Guided Approach to Discover Tuberosin as a Potent Activator of Pyruvate Kinase M2, Targeting Cancer Therapy." <i>International Journal of Molecular Sciences</i> 23, no. 21 (2022): 13172.	6.2
84.	Atiya, Akhtar, Fahad A. Alhumaydhi, Anas Shamsi, Ahmed Olatunde, Suliman A. Alsagaby, Waleed Al Abdulmonem, Sharaf E. Sharaf, and Moyad Shahwan. "Mechanistic Insight into the Binding of Huperzine a with Human Transferrin: Computational, Spectroscopic and Calorimetric Approaches." <i>ACS omega</i> 7, no. 43 (2022): 38361-38370.	4.1
83.	Ashraf, Ghulam Md, Debarati Das Gupta, Mohammad Zubair Alam, Saleh Salem Baeesa, Badrah S. Alghamdi, Firoz Anwar, Thamer MA Alqurashi et al. "Unravelling Binding of Human Serum Albumin with Galantamine: Spectroscopic, Calorimetric, and Computational Approaches." <i>ACS omega</i> 7, no. 38 (2022): 34370-34377.	4.1
82.	Atiya, Akhtar, Fahad A. Alhumaydhi, Sharaf E. Sharaf, Waleed Al Abdulmonem, Abdelbaset Mohamed Elsbali, Maher M. Al Enazi, Anas Shamsi et al. "Identification of 11-Hydroxytephrosin and Torosaflavone A as Potential Inhibitors of 3-Phosphoinositide-Dependent Protein Kinase 1 (PDK1): Toward Anticancer Drug Discovery." <i>Biology</i> 11, no. 8 (2022): 1230.	5.1
81.	Beg, Md Amjad, Anas Shamsi, Sibasis Sahoo, Mohd Yousuf, Mohammad Zeeshan Najm, Yahya Ahmad Almutawif, Asimul Islam, Abdulaziz A. Aloliqi, and Fareeda Athar. "Mechanistic insight into the enzymatic inhibition of β -amyryn against mycobacterial Rv1636: In silico and in vitro approaches." <i>Biology</i> 11, no. 8 (2022): 1214.	5.1
80.	Azeem, K., Ahmed, M., Mohammad, T., Uddin, A., Shamsi, A., Hassan, M. I., ... & Abid, M. (2022). A multi-spectroscopic and computational simulations study to delineate the interaction between antimalarial drug hydroxychloroquine and human serum albumin. <i>Journal of Biomolecular Structure and Dynamics</i> , 1-17.	5.5
79.	Yousuf, Mohd, Manzar Alam, Anas Shamsi* , Parvez Khan, Gulam Mustafa Hasan, Qazi M. Rizwanul Haque, and Md Imtaiyaz Hassan. "Structure-guided design and development of cyclin-dependent kinase 4/6 inhibitors: A review on therapeutic implications." <i>International Journal of Biological Macromolecules</i>	8.01
78.	Yousuf, Mohd, Anas Shamsi* , Taj Mohammad, Naved Azum, Sulaiman YM Alfaifi, Abdullah M. Asiri, Abdelbaset Mohamed Elsbali, Asimul Islam, Md Imtaiyaz Hassan, and Qazi Mohd Rizwanul Haque. "Inhibiting Cyclin-Dependent Kinase 6 by Taurine: Implications in Anticancer Therapeutics." <i>ACS Omega</i> (2022).	4.1

77.	Shahwan, Moyad, Fahad A. Alhumaydhi, Sharaf E. Sharaf, Badrah S. Alghamdi, Saleh Baeesa, Haythum O. Tayeb, Ghulam Md Ashraf, and Anas Shamsi* . "Computational insight into the binding of bryostatin 1 with ferritin: implication of natural compounds in Alzheimer's disease therapeutics." <i>Journal of Biomolecular Structure and Dynamics</i> (2022): 1-11.	5.5
76.	Ashraf, Ghulam Md, Debarati DasGupta, Mohammad Zubair Alam, Saleh S. Baeesa, Badrah S. Alghamdi, Firoz Anwar, Thamer Alqurashi, Anas Shamsi* "Inhibition of Microtubule Affinity Regulating Kinase 4 by Metformin: Exploring the Neuroprotective Potential of Antidiabetic Drug through Spectroscopic and	4.9

	Computational Approaches." <i>Molecules</i>	
75.	Mohd Yousuf, Anas Shamsi , Shama Khan, Parvez Khan, Moyad Shahwan, Abdelbaset Mohamed Elsbali, Qazi Mohd Rizwanul Haque, Md. Imtaiyaz Hassan, Naringenin as a potential inhibitor of human cyclin-dependent kinase 6: Molecular and structural bases of anticancer therapeutics. <i>International Journal of Biological Macromolecules</i> 213: 944-954	8.01
74.	Bin Xue, Debarati DasGupta, Manzar Alam, Mohd Shahnawaz Khan, Shuo Wang, Anas Shamsi, Asimul Islam, Md. Imtaiyaz Hassan. Investigating binding mechanism of Thymoquinone to human transferrin, targeting Alzheimer's disease therapy. <i>Journal of cellular biochemistry. Journal of cellular biochemistry</i>	4.4
73.	ChunMin Yang, Afsar Alam, Fahad A Alhumaydhi, Mohd Shahnawaz Khan, Suliman A. Alsagaby, Waleed Al Abdulmonem, Md. Imtaiyaz Hassan, Anas Shamsi, Bilqees Bano and Dharmendra Kumar Yadav. Bioactive phytoconstituents as potent inhibitors of Tyro-sine-protein kinase Yes (YES1): Implications in Anticancer therapeutics <i>Molecules</i> . 27 (10) 3060.	4.9
72.	Mohd Yousuf , Anas Shamsi , Farah Anjum, Alaa Shafie, Asimul Islam, Qazi Mohd Rizwanul Haque, Abdelbaset Mohamed Elsbali, Dharmendra Kumar Yadav , Md. Imtaiyaz Hassan. Effect of pH on the structure and function of cyclin-dependent kinase 6. <i>Plos One</i> .	4.3
71.	Rashid Waseem, Anas Shamsi , Taj Mohammad, Md. Imtaiyaz Hassan, Syed Naqui Kazim, Anis Ahmad Chaudhary, Hassan Ahmed Rudayni, Mohammed Al-Zharani , Faizan Ahmad and Asimul Islam. FNDC5/Irisin: Physiology and Pathophysiology. <i>Molecules</i>	4.9
70.	Shama Khan, Fahad A.Alhumaydhi, Mohd Shahnawaz Khan, Sharaf E.Sharaf, WaleedAl Abdulmonem, Md. ImtaiyazHassan, Anas Shamsi* , DharmendraKumar Yadav, Exploring binding mechanism of naringenin to human transferrin using combined spectroscopic and computational methods: Towards therapeutic targeting of neurodegenerative diseases. <i>Journal of Molecular Liquids</i>	6.6
69.	Mohd Shahnawaz Khan, Moyad Shahwan, Anas Shamsi* , Fahad A. Alhumaydhi, Suliman A. Alsagaby, Waleed Al Abdulmonem, Bekhzod Abdullaev, and Dharmendra Kumar Yadav*Elucidating the Interactions of Fluoxetine with Human Transferrin Employing Spectroscopic, Calorimetric, and In Silico Approaches: Implications of a Potent Alzheimer's Drug. <i>ACS Omega</i>	4.1
68.	Shamsi, Anas, Debarati DasGupta, Fahad A. Alhumaydhi, Mohd Shahnawaz Khan, Suliman A. Alsagaby, Waleed Al Abdulmonem, Md Imtaiyaz Hassan, and Dharmendra Kumar Yadav. "Inhibition of MARK4 by serotonin as an attractive therapeutic approach to combat Alzheimer's disease and neuroinflammation." <i>RSC Medicinal Chemistry</i> (2022).	3.4
67.	Manzar Alam, Shoaib Alam, Anas Shamsi , Mohd Adnan, Abdelbaset Mohamed Elsbali, Waleed Abu Al-Soud, Mousa Alreshidi, Yousef MohammedRabaa Hawsawi, Anitha Tippana, Visweswara Rao Pasupuleti and Md. Imtaiyaz Hassan. Bax/Bcl-2 Cascade Is Regulated by the EGFR Pathway: Therapeutic Targeting of Non-Small Cell Lung Cancer	6.2
66.	Moyad Shahwan, FahadAlhumaydhi, Ghulam Md.Ashraf, Prince M.Z.Hasan, Anas Shamsi , Role of polyphenols in combating Type 2 Diabetes and insulin resistance. <i>International Journal of Biological Macromolecules</i>	8.01
65.	Anas Shamsi , Moyad Shahwan, Mohd Shahnawaz Khan, Fahad A. Alhumaydhi, Suliman A. Alsagaby, Waleed Al Abdulmonem, Bekhzod Abdullaev and Dharmendra Kumar Yadav. Mechanistic Insight into Binding of Huperzine A with Human Serum Albumin: Computational and Spectroscopic Approaches. <i>Molecules</i>	4.9

64.	Farah Anjum, Moyad Shahwan, Fahad A. Alhumaydhi, Sharaf E Sharaf, Waleed Al Abdulmonem, Alaa Shafie, Anwar L. Bilgrami, Anas Shamsi , Ghulam Md Ashraf. Mechanistic Insight into the binding between Ferritin and Serotonin: Possible Implications in Neurodegenerative diseases. Journal of Molecular Liquids	6.6
No.	2021	I.F.
63.	Rashid Waseem, Anas Shamsi, Mohd Shahbaz, Tanzeel Khan, Syed Naqui Kazim, Faizan Ahmad, Md. Imtaiyaz Hassan, Asimul Islam. Effect of pH on the structure and stability of irisin, a multifunctional protein: Multispectroscopic and molecular dynamics simulation approach. Journal of Molecular Structure	3.19
62.	Rashid Waseem, Saleha Anwar, Shama Khan, Anas Shamsi, Md. Imtaiyaz Hassan, Farah Anjum, Alaa Shafie, Asimul Islam and Dharmendra Kumar Yadav. MAP/Microtubule Affinity Regulating Kinase 4 inhibitory potential of Irisin: A new therapeutic strategy to combat cancer and Alzheimer's disease. International Journal of Molecular Science.	6.2
61.	Saleha Anwar, Shama Khan, Farah Anjum, Anas Shamsi, Parvez Khan, Hera Fatima, Alaa Shafie, Asimul Islam, and Md. Imtaiyaz Hassan. Myricetin inhibits breast and lung cancer cells proliferation via inhibiting MARK4. Journal of Cellular Biochemistry.	4.4
60.	Shamsi, Anas, Moyad Shahwan, Fahad A. Alhumaydhi, Ameen SS Alwashmi, Mohammad Abdullah Aljasir, Suliman A. Alsagaby, Waleed Al Abdulmonem, Md Imtaiyaz Hassan, and Asimul Islam. "Spectroscopic, calorimetric and in silico insight into the molecular interactions of Memantine with human transferrin: Implications of Alzheimer's drugs." International Journal of Biological Macromolecules 190 (2021): 660- 666.	8.01
59.	Fahad A Alhumaydhi, Mohammad Abdullah Aljasir, Abdullah S. M. Aljohani, Suliman A. Alsagaby, Ameen SS Alwashmi, Moyad Shahwan, Md. Imtaiyaz Hassan, Asimul Islam, Anas Shamsi, Probing the interaction of memantine, an important Alzheimer's drug, with human serum albumin: In silico and In vitro approach. Journal of Molecular Liquids	6.6
58.	Asifa, Taj Mohammad, Anas Shamsi , Asqandar Iqbal, Md. Imtaiyaz Hasaan. Identification of Plant-based Hexokinase 2 Inhibitors: Combined Molecular Docking and Dynamics Simulation Studies. Journal of Biomolecular and Structural Dynamics	5.5
57.	KM Abdullah, Afrah Arefeen, Anas Shamsi , Fahad A Alhumaydhi, Imrana Naseem. Insight into the In vitro antiglycation and In Vivo anti-diabetic effects of Thiamine: Implication of Vitamin B1 in controlling diabetes. ACS Omega	4.1
56.	Azaj Ahmed, Anas Shamsi , Taj Mohammad, Gulam Mustafa Hasan, Asimul Islam, Md. Imtaiyaz Hassan. Aurora B Kinase: A Potential Biomarker and Therapeutic Target for Cancer. Journal of Cancer Research and Clinical Oncology.	4.5
55.	Saleha Anwar, Shama Khan, Anas Shamsi, Farah Anjum, Alaa Shafie, Asimul Islam, Faizan Ahmad, and Md. Imtaiyaz Hassan, Structure-based investigation of MAP/microtubule affinity-regulating kinase 4 inhibitory potential of Naringenin for therapeutic management of cancer and neurodegenerative diseases. Journal of	4.4

	Cellular Biochemistry	
54.	Saleha Anwar, Anas Shamsi , Taj Mohammad, Asimul Islam, Md. Imtaiyaz Hassan , Targeting Pyruvate Dehydrogenase Kinase Signaling in the Development of Effective Therapy for Cancer. BBA Reviews on Cancer	11.4
53.	Mohd Shahnawaz Khan, Fohad Mabood Husain, Fahad A Alhumaydhi, Ameen SS Alwashmi, Md. Tabish Rehman, Abdulmohsen M Alruwetei, Imtaiyaz Hassan, Asimul Islam, Anas Shamsi* . Exploring the Molecular Interactions of Galantamine with Human Transferrin: In-silico and In vitro Insight. Journal of Molecular Liquids	6.6
52.	Mohd Yousuf, Anas Shamsi , Aarfa Queen, Mohd Shahbaaz, Parvez Khan, Afzal Hussain, Mohamed F. Alajmi, Qazi M. Rizwanul Haque, Md. Imtaiyaz Hassan. Targeting cyclin-dependent kinase 6 by vanillin inhibits proliferation of breast and lung cancer cells: Combined computational and biochemical studies. Journal of Cellular Biochemistry	4.4
51.	Anas Shamsi* , Moyad Shahwan, Mohd Shahnawaz Khan, Fohad Mabood Husain, Fahad A Alhumaydhi, Abdullah S.M. Aljohani, Md. Tabish Rehman, Md. Imtaiyaz Hassan, Asimul Islam. Elucidating the Interaction of Human Ferritin with quercetin and naringenin: Implication of natural products in Neurodegenerative diseases: Molecular docking and dynamics simulation insight. ACS Omega	4.1
50.	Khalida Nasreen, Zahoor Ahmad Parray, Anas Shamsi , Faizan Ahmad, Anwar Ahmed , Ajamaluddin Malik, Nasser Abobakr Lakhram, Md. Imtaiyaz Hassan, Asimul Islam. Crowding Milleu stabilizes apo-myoglobin against chemical-induced denaturation: Dominance of hardcore repulsions in the heme devoid protein. International Journal of Biological Macromolecules.	8.01
49.	Moshtak Ahmed Jaseem Al Jaseem, K.M. Abdullah, Faizan Abul Qais, Anas Shamsi , Imrana Naseem. Mechanistic insight into glycation inhibition of human serum albumin by vitamin B9: Multispectroscopic and molecular docking approach. International Journal of Biological Macromolecules.	8.01
48.	Afroz Khan, Fauzia Khan, Moyad Shahwan, Mohd Shahnawaz Khan, Fohad Mabood Husain, Md. Tabish Rehman, Md. Imtaiyaz Hassan, Asimul Islam, Anas Shamsi* . Mechanistic insight into the binding of graphene oxide with human serum albumin: Multispectroscopic and molecular docking approach. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	4.09
47.	Shariq Shamsi, Hina Anjum, Mohd Shahbaaz, Mohd Shahnawaz Khan, Farid S Ataya, Alya-Alamiri, Fahad A Alhumaydhi, Fohad Mabood Husain, Md. Tabish Rehman, Taj Mohammad, Asimul Islam, Farha, Anas Shamsi* . A computational study on active constituents of Habb-ul-aas and Tabasheer as inhibitors of SARS-CoV-2 main protease. Journal of Biomolecular and Structural Dynamics	5.5
46	Rashid Waseem, Anas Shamsi , Imtaiyaz Hassan, Faizan Ahmad, Asimul Islam. Multispectroscopic and Molecular Docking Insight into Elucidating the Interaction of Irisin with Rivastigmine Tartrate, a Cholinesterase Inhibitor. ACS Omega	4.1
45	Sania Bashir, Ishfaq Ahmad Ahanger, Anas Shamsi , Mohamed F. Alajmi, Afzal Hussain, Hani Chaudhary, Faizan Ahmad, Md. Imtaiyaz Hassan and Asimul Islam. Trehalose restrains fibril load towards α -lactalbumin aggregation; halt fibrillation in a concentration-dependent manner. Biomolecules.	6.06
44	Anas Shamsi , Taj Mohammad, Saleha Anwar, Samreen Amani, Mohd Shahnawaz Khan, Fohad Mabood Husain, MD. Tabish Rehman, Md Imtaiyaz Hassan and	8.1

	Asimul Islam. SARS-CoV-2: From genomics to therapeutics. International Journal of Biological Macromolecules.	
43	Rashid Waseem, Anas Shamsi , Syed Naqui Kazim, Asimul Islam. An insight into mitochondrial dysfunction and its implications in neurodegeneration. Current Drug Targets.	3.5
42	Anas Shamsi** , Taj Mohammad, Saleha Anwar, Md. Imtaiyaz Hassan, Faizan Ahmad, and Asimul Islam. Insight into the binding of PEG-400 with eye protein alpha-crystallin: Multi spectroscopic and computational approach: Possible therapeutics targeting eye diseases. Journal of Biomolecular and Structural Dynamics	5.5
No.	2020	I.F.
41	Moyad Shahwan, Mohd Shahnawaz Khan, Fohad Mabood Husain, Anas Shamsi*, Understanding binding between Donepezil and Human Ferritin: Molecular docking and Molecular dynamics simulation approach. Journal of Biomolecular Structure and Dynamics. https://doi.org/10.1080/07391102.2020.1851302	5.5
40	Anas Shamsi#, Saleha Anwar, Mohd Shahbaaz, Taj Mohammad, Mohamed F. Alajmi, Afzal Hussain, Md. Imtaiyaz Hassan, Faizan Ahmad, Asimul Islam. Evaluation of binding of Rosmarinic acid with human transferrin and its impact on protein structure: Targeting polyphenolic acid-induced protection of neurodegenerative disorders. Oxidative medicine and Cellular Longevity. (2020)	7.3
39	Mohd Yousuf, Parvez Khan, Anas Shamsi, Mohd Shahbaaz, Qazi Mohd Rizwanul Haque, Alan Christoffels, Asimul Islam, and Md. Imtaiyaz Hassan. Inhibiting CDK6 Activity by Quercetin Is an Attractive Strategy for Cancer Therapy. ACS Omega	4.1
38	Sania Bashir, Anas Shamsi, Faizan Ahmad, Md. Imtaiyaz Hassan and Asimul Islam. Biophysical insight into efficiency of sugar osmolytes combatting fibrillogenesis in α -lactalbumin: Multispectroscopic and molecular docking approaches. ACS Omega	4.1
37	Anas Shamsi, Taj Mohammad, Saleha Anwar, Md. Imtaiyaz Hassan1, Faizan Ahmad, Ikramul Hasan, and Asimul Islam. Biophysical insight into implications of PEG-400 on alpha-crystallin structure: Multi spectroscopic and microscopic approach. ACS Omega. (2020) https://doi.org/10.1021/acsomega.0c02648 .	4.1
36	Mohammad, Taj, Anas Shamsi, Saleha Anwar, Mohd Umair, Afzal Hussain, Md Tabish Rehman, Mohamed F. AlAjmi, Asimul Islam, and Md Imtaiyaz Hassan. "Identification of high-affinity inhibitors of SARS-CoV-2 main protease: Towards the development of effective COVID-19 therapy." Virus research 288 (2020): 198102.	6.1
35	Khadega Khamis Moh Alazoumi, Anwar Ahmed, Salman Freeh Alamery, Anas Shamsi, Basir Ahmad, Asimul Islam, Humaira Farooqi, Effect of Antioxidants on Heavy Metals Induced Conformational Alteration of Cytochrome C And Myoglobin. Protein and Peptide Letters. (2020) doi: 10.2174/0929866527666200610134442	1.1
34	Anas Shamsi, Azaj Ahmed, Mohd Shahnawaz Khan, Fohad Mabood Husain, Bilqees Bano. Rosmarinic acid restrains protein glycation and aggregation in human serum albumin: Multi spectroscopic and microscopic insight- Possible therapeutics targeting diseases. International journal of biological macromolecules (2020) doi: 10.1016/j.ijbiomac.2020.06.048.	8.01
33	Saleha Anwar, Anas Shamsi, Rajiv K. Kar, Aarfa Queen, Asimul Islam, Faizan Ahmad, Md. Imtaiyaz Hassan. Structural and Biochemical Investigation of MARK4	8.01

	Inhibitory Potential of Cholic Acid: Towards Therapeutic Implications in Neurodegenerative Diseases. International journal of biological macromolecules (2020) doi: 10.1016/j.ijbiomac.2020.06.078.	
32	Saleha Anwar, Taj Mohammad, Anas Shamsi, Aarfa Queen, Shahnaz Parveen, Suaib Luqman, Gulam Mustafa Hasan, Naved Azum, Khalid A. Alamry, Abdullah M. Asiri, Md. Imtaiyaz Hassan. Hordenine suppress the proliferation of lung cancer cells via inhibition of pyruvate dehydrogenase kinase 3. Biomedicines 2020, 8(5), 119; https://doi.org/10.3390/biomedicines8050119	4.7
31	Anas Shamsi, Taj Mohammad, Saleha Anwar, Mohamed F. Alajmi, Afzal Hussain, Md. Tabish Rehman, Asimul Islam, Md. Imtaiyaz Hassan, Glecaprevir and Maraviroc are high-affinity inhibitors of SARS-CoV-2 main protease: Possible therapeutic implication in COVID-19, Bioscience Reports (2020) . 40 (6): BSR20201256. https://doi.org/10.1042/BSR20201256 .	3.9
30	Zainy Zehra, Manav Luthra, Sobia Manaal Siddiqui, Anas Shamsi, Naseem A.Gaur, Asimul Islam. Corona virus versus existence of human on the earth: A computational and biophysical approach. International journal of biological macromolecules (2020) 161-271-281.	8.01
29	Anas Shamsi, Saleha Anwar, Taj Mohammad, Mohamed F. Alajmi, Afzal Hussain, Md. Tabish Rehman, Gulam Mustafa Hasan, Asimul Islam, Md. Imtaiyaz Hassan, MARK4 inhibited by AChE-inhibitors, Donepezil and Rivastigmine tartrate: Insights into Alzheimer's disease therapy. Biomolecules (2020) 10(5): 789. doi: 10.3390/biom10050789.	6.2
28	Saleha Anwar, Anas Shamsi#, Mohd Shahbaaz, Aarfa Queen, Parvez Khan, Gulam Mustafa Hasan, Asimul Islam, Mohamed F Alajmi, Afzal Hussain, Faizan Ahmad and Md. Imtaiyaz Hassan, Rosmarinic Acid Exhibits Anticancer Effects via MARK4 Inhibition. Scientific Reports (2020). https://doi.org/10.1038/s41598-020-65648-z .	4.4
27	Anas Shamsi*, Azaj Ahmed, Mohd Shahnawaz Khan, Moyad Al Shahwan, Fohad Mabood Husain, Bilqees Bano. Understanding the binding between Rosmarinic Acid and serum albumin: In Vitro and In Silico insight. Journal of Molecular Liquids (2020). https://doi.org/10.1016/j.molliq.2020.113348	8.01
26	Mohd Yousuf , Anas Shamsi, Parvez Khan, Mohd Shahbaaz, Mohamed F. AlAjmi, Afzal Hussain, Gulam Mustafa Hassan, Asimul Islam, Qazi Mohd Rizwanul Haque and Md. Imtaiyaz Hassan, Ellagic Acid Controls Cell Proliferation and Induces Apoptosis in Breast Cancer Cells via Inhibition of Cyclin-Dependent Kinase 6. International Journal of Molecular Science (2020) 21(10), 3526; https://doi.org/10.3390/ijms21103526 .	6.2
25	Taj Mohammad; Shiza Siddiqui; Anas Shamsi; Mohamed F. Alajmi; Afzal Hussain; Asimul Islam; Faizan Ahmad; Md. Imtaiyaz Hassan, Virtual Screening Approach to Identify High-Affinity Inhibitors of Serum and Glucocorticoid-Regulated Kinase 1 among Bioactive Natural Products: Combined Molecular Docking and Simulation Studies, Molecules (2020) Feb 13;25(4):823. doi: 10.3390/molecules25040823.	4.9
24	Anas Shamsi, Taj Mohammad, Saleha Anwar, Imtaiyaz Hassan, Faizan Ahmad and Asimul Islam. "Probing the interaction of Rivastigmine Tartrate, an important Alzheimer's drug, with serum albumin: Attempting treatment of Alzheimer's disease". International journal of biological macromolecules (2020). Apr 1;148:533-542. doi: 10.1016/j.ijbiomac.2020.01.134	8.01

2019		
23	Anas Shamsi, Moyad Al Shahwan, Shahzaib Ahamad, Md Imtaiyaz Hassan, Faizan Ahmad, and Asimul Islam. "Spectroscopic, calorimetric and molecular docking insight into the interaction of Alzheimer's drug Donepezil with human transferrin: Implications of Alzheimer's drug." <i>Journal of Biomolecular Structure and Dynamics</i> (2019): 1-9.	5.5
22	Anas Shamsi*, Moyad Shahwan, Fohad Mabood Husain, and Mohd Shahnawaz Khan. "Characterization of methylglyoxal induced advanced glycation end products and aggregates of human transferrin: Biophysical and microscopic insight." <i>International journal of biological macromolecules</i> (2019): 718-724. https://doi.org/10.1016/j.ijbiomac.2019.07.140 .	8.1
21	Anas Shamsi, K. M. Abdullah, Hina Usmani, Areeba Shahab, Hamza Hasan, and Imrana Naseem. "Glyoxal Induced Transition of Transferrin to Aggregates: Spectroscopic, Microscopic and Molecular Docking Insight." <i>Current pharmaceutical biotechnology</i> (2019).	2.8
20	Anas Shamsi, Taj Mohammad, Mohd Shahnawaz Khan, Moyad Shahwan, Fohad Mabood Husain, Md Rehman, Md Hassan, Faizan Ahmad, and Asimul Islam. "Unraveling Binding Mechanism of Alzheimer's Drug Rivastigmine Tartrate with Human Transferrin: Molecular Docking and Multi- Spectroscopic Approach towards Neurodegenerative Diseases." <i>Biomolecules</i> (2019) Sep 17;9(9):495. doi: 10.3390/biom9090495.	6.2
19	Amin, Fakhra, Azaj Ahmed, Anna Feroz, Peerzada SS Khaki, Mohd S. Khan, Shams Tabrez, Syed Kashif Zaidi, Anas Shamsi "An Update on the Association of Protein Kinases with Cardiovascular Diseases." <i>Current pharmaceutical design</i> (2019) 25, no. 2 : 174-183.	2.8
18	Ahmed, Azaj, Anas Shamsi, Moyad Jamal Shahwan, Fakhra Amin, and Bilqees Bano. "Role of phytocystatin in combating metal ion induced conformational alterations in glutathione reductase." <i>International journal of biological macromolecules</i> (2019) 127 (2019): 271-277.	8.01
17	Ahmed, Azaj, Anas Shamsi, and Bilqees Bano. "Deciphering the toxic effects of iprodione, a fungicide and malathion, an insecticide on thiol protease inhibitor isolated from yellow Indian mustard seeds." <i>Environmental toxicology and pharmacology</i> (2018) 61 : 52-60.	5.7
16	Anas Shamsi, Azaj Ahmed, Mohd Shahnawaz Khan, Fohad Mabood Husain, Samreen Amani, and Bilqees Bano. "Investigating the interaction of anticancer drug temsirolimus with human transferrin: Molecular docking and spectroscopic approach." <i>Journal of Molecular Recognition</i> (2018) 31, no. 10: e2728	2.1
15	Ahmed, Azaj, Anas Shamsi, Mohd Shahnawaz Khan, Fohad Mabood Husain, and Bilqees Bano. "Methylglyoxal induced glycation and aggregation of human serum albumin: Biochemical and biophysical approach." <i>International journal of biological macromolecules</i> (2018) 113 : 269-276	8.01
14	Ahmed, Azaj, Anas Shamsi, Mohd Shahnawaz Khan, Fohad Mabood Husain, and Bilqees Bano. "Probing the interaction of human serum albumin with iprodione, a	5.5

	fungicide: spectroscopic and molecular docking insight." Journal of Biomolecular Structure and Dynamics (2019) 37, no. 4: 857-862.	
	2018	
13	Anas Shamsi, Azaj Ahmed, and Bilqees Bano. "Global transition of human serum albumin to prefibrillar aggregates induced by temsirolimus: Insight into implications of anti-renal cancer drug." Journal of Molecular Recognition (2018) 31, no. 4 : e2688.	2.1
12	Anas Shamsi, Azaj Ahmed, and Bilqees Bano. "Probing the interaction of anticancer drug temsirolimus with human serum albumin: Molecular docking and spectroscopic insight." Journal of Biomolecular Structure and Dynamics (2018) 36, no. 6 : 1479-1489.	5.5
	2017	
11	Anas Shamsi, and Bilqees Bano. "Journey of cystatins from being mere thiol protease inhibitors to at heart of many pathological conditions." International journal of biological macromolecules (2017) 102: 674-693	8.01
10	Ahmed, Azaj, Anas Shamsi, and Bilqees Bano. "Oxadiargyl induced conformational transition of cystatin isolated from yellow mustard seeds: Biophysical and biochemical approach." International journal of biological macromolecules (2017) 98: 802-809.	8.01
9	Anas Shamsi, Azaj Ahmed, and Bilqees Bano. "Temsirrolimus induced structural transition of cancerous renal cystatin to normal form in rats: In vitro mechanistic approach underlying renal cancer prevention." International journal of biological macromolecules (2017) 96: 19-25.	8.01
8	Anas Shamsi, Azaj Ahmed, and Bilqees Bano. "Structural transition of kidney cystatin induced by silicon dioxide nanoparticles: An implication for renal diseases." International journal of biological macromolecules (2017) 94 (2017): 754-761.	8.01
7	Ahmed, Azaj, Anas Shamsi, and Bilqees Bano. "Characterizing harmful advanced glycation end-products (AGEs) and ribosylated aggregates of yellow mustard seed phytocystatin: Effects of different monosaccharides." Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy (2017) 171: 183-192	4.08
6	Anas Shamsi, Samreen Amani, Md Tauqir Alam, and Aabgeena Naeem. "Aggregation as a consequence of glycation: insight into the pathogenesis of arthritis." European Biophysics Journal (2017) 45, no. 6: 523-534.	2.8
5	Anas Shamsi, Azaj Ahmed, and Bilqees Bano. "Structural transition of kidney cystatin in dimethylnitrosamine-induced renal cancer in rats: identification as a novel biomarker for kidney cancer and prognosis." Journal of Biomolecular Structure and Dynamics (2017) 35, no. 5 : 1020 -1029.	5.5
4	Anas Shamsi, Azaj Ahmed, and Bilqees Bano. "Biochemical, immunological and kinetic characterization and partial sequence analysis of a thiol proteinase inhibitor from Bubalus bubalis kidney: An attempt targeting kidney disorders." International journal of biological macromolecules (2017) 94 : 819-826.	8.01
	2016	
3	Ahmed, Azaj, Anas Shamsi, and Bilqees Bano. "Purification and biochemical characterization of phytocystatin from Brassica alba." Journal of Molecular Recognition (2016) 29, no. 5 : 223-231.	2.1
2	Anas Shamsi, Azaj Ahmed, and Bilqees Bano. "Glyoxal induced structural	4.7

	transition of buffalo kidney cystatin to molten globule and aggregates: Anti-fibrillation potency of quinic acid." IUBMB life (2016) 68, no. 2 : 156-166	
	2014	
1	Amani, Samreen, Anas Shamsi, Gulam Rabbani, and Aabgeena Naim. "An insight into the biophysical characterization of insoluble collagen aggregates: implication for arthritis." Journal of fluorescence (2014) 24, no. 5: 1423-1431.	2.22

b) Book Chapters

4.	Anwar, Saleha, Anas Shamsi, Taj Mohammad, Asimul Islam, and Md Imtaiyaz Hassan. "Targeting pyruvate kinase M2 signaling for development of effective cancer therapy." In Protein Kinase Inhibitors, pp. 199-222. Academic Press, 2022.
3.	Shamsi, Anas, Saleha Anwar, Taj Mohammad, Moyad Shahwan, Md Hassan, and Asimul Islam. "Therapeutic Potential of Polyphenols in Alzheimer's Therapy: Broad-Spectrum and Minimal Side Effects as Key Aspects." In Autism Spectrum Disorder and Alzheimer's Disease, pp. 111-133. Springer, Singapore, 2021.
2.	Fakhra Amin, Anas Shamsi, Muhammad Nadeem Asghar, Peerzada Shariq Shaheen Khaki, Mohd Shahnawaz Khan, Shams Tabrez, Syed Kashif Zaidi, Wajihullah Khan, Bilqees Bano. Alzheimer's: A Progressive Brain Disease: Causes, Symptoms, and Prevention. Biological, Diagnostic and Therapeutic Advances in Alzheimer's Disease. Springer, Singapore.
1.	Anas Shamsi, Saleha Anwar, Taj Mohammad, Moyad Shahwan, Md. Imtaiyaz Hassan, Asimul Islam. Therapeutic potential of polyphenols in Alzheimer's therapy: Broad-spectrum and minimal side effects as key aspects. Alzheimer's: A Progressive Brain Disease: Causes, Symptoms, and Prevention. Biological, Diagnostic and Therapeutic Advances in Alzheimer's Disease. Springer, Singapore.

c) Conference Papers

S. No.	Author(s)	Title of Publications	Name, Place and date of Conference
1	Shamsi A, Hassan ML, Islam A	Spectroscopic, calorimetric and molecular docking insight into the interaction of Alzheimer's drug donepezil with human transferrin: implications of Alzheimer's drug	ICBAB-2019
2	Shamsi A, Hassan ML, Islam A	Investigating the interaction of rivastigmine tartrate with human transferrin	SBCADD 2019
3	Shamsi, Ahmed A, Bano B	Global transition of human serum albumin to prefibrillar aggregates in the presence of temsirolimus	India International Science Festival 2018
4	Shamsi, Ahmed A, Bano B	Global transition of human serum albumin to prefibrillar aggregates in the presence of temsirolimus	Frontiers in Cancer Science-2017

5	Shamsi, Ahmed A, Bano B	Probing the interaction of anticancer drug temsirolimus with human serum albumin: Molecular docking and spectroscopic approach	ISBOC-11 held at University of Konstanz, Germany
6	Shamsi, Ahmed A, Bano B	Temsirolimus induced reversion of cancerous renal cystatin to normal form in rats	PHOENIX 2017
7	Shamsi, Ahmed A, Bano B	Structural transition of kidney cystatin induced by silicon dioxide nanoparticles: An implication for renal diseases	National Seminar on Recent Advances in Environmental Toxicology at Jamia Millia Islamia, New Delhi
8	Shamsi, Ahmed A, Bano B	Structural transition of kidney cystatin in dimethylnitrosamine induced renal cancer in rats: Insight into renal cancer treatment	7th International Conference on Biotechnology, Bio Informatics, Bio Medical Sciences and Stem Cell Applications (B3SC), Singapore (2016)
9	Shamsi, Ahmed A, Bano B	In vitro toxicity assessment of silica nanoparticles on buffalo kidney cystatin: biomarker for kidney damage	Emerging Trends in Biomedical Sciences, AMU, Aligarh, India
10	Shamsi, Ahmed A, Bano B	In vitro toxicity assessment of silica nanoparticles on buffalo kidney cystatin: biomarker for kidney damage.	Nano Today 2015 in Dubai, UAE.

STUDENTS MENTORED

During Postdoctoral programme at CIRBSc JMI

1. Israel Saifi (PhD Student)
2. Rashid Waseem (PhD Student)
3. Sania Bashir (PhD Student)
4. Mohd Yousuf (PhD Student)
5. Khadega Khamis Moh Alazoumi (PhD Student)
6. Tanzeel Khan (PhD Student)
7. Nabeel Ali (PhD Student)

During PhD at Aligarh Muslim University (2013-2017)

1. Samreen Salam (Masters Project Supervision)
2. Farha (Masters Project Supervision)

8. References

Dr. Bilqess Bano

Professor

Department of Biochemistry

Aligarh Muslim University

Aligarh -202002, INDIA

E-mail: bbbano17@gmail.com

Phone +91-9997448621

Asimul Islam, PhD

Associate Professor

Member, National Academy of Sciences, NASI, India;

Centre for Interdisciplinary Research in Basic Sciences

Jamia Millia Islamia, New Delhi 110025

Email: aislam@jmi.ac.in

Professor Faizan Ahmad

INSA Scientist

Jamia Hamdard, New Delhi, India.

Email: faizan.ahmad.jmi@gmail.com

Mobile: +919810413115

Md. Imtaiyaz Hassan, Ph.D., FRSB, FRSC.

Centre for Interdisciplinary Research in Basic Sciences

Jamia Millia Islamia, Jamia Nagar

New Delhi 110025, INDIA

Cell: +91-9312812007

E-mail: mihassan@jmi.ac.in