

Curriculum Vitae

Mohd. Moshahid Alam Rizvi, Ph.D
(Professor)



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EDUCATION

Ph.D. (1999) from Central Drug Research Institute, (C.D.R.I.) Lucknow / Avadh
University, Faizabad (India).

*TITLE OF THESIS: Studies on Interferons, Interferon inducers and Immunomodulators
for the control of blood and mosquito stage rodent malaria.*

M.Phil. (1995) First class from CDRI Lucknow / AMU, Aligarh (India).

TITLE OF DISSERTATION : Studies on Interferon and Interferon inducers in Malaria.

M.Sc. Zoology (1990) First class from AMU, Aligarh (India) Specialization in Genetics.

*TITLE OF PROJECT: Genetic Analysis of various morphological traits in the population of
A.M.U. campus.*

B.Sc. Hons Zoology (1987) First class from B.U. Muzaffarpur (India) (Chemistry & Botany as
subsidiary subjects).

NATIONAL ELIGIBILITY TEST (NET) 1990. Conducted by UGC-CSIR (India).

GRADUATE APTITUDE TEST IN ENGG. (GATE) 1991. Conducted by I.I.T. (India).

SCHOLARSHIPS

Intermediate: National Merit Scholarship (for 2 years)

B.Sc. (Hons.): National Merit Scholarship (for 3 years)

M.Sc: P.G. University Merit Scholarship (for 2 years)

Doctoral Fellowship (M.Phil / Ph.D): Junior and Senior Research Fellowship.

Post Doctoral Fellowship: Indian Academy of Sciences Research Fellowship (2004) to work at Center for DNA Fingerprinting and Diagnostics (CDFD), Hyderabad.

CURRENT APPOINTMENT

Working as **Professor**, Department of Biosciences, JMI, since **04.05.2011**.

PREVIOUS APPOINTMENTS

Worked as Associate Professor :

04.05.2008 to 03-05-11, Department of Biosciences, JMI.

Worked as Reader :

04.05.2005 to 03-05-08, Department of Biosciences, JMI.

Worked as Lecturer/Sr Lecturer : 4th May 1996 to 3rd May, 2005.

Department of Biosciences, JMI (February 18th, 2002 to 3rd May, 2005.) Department of Zoology, Allahabad University, Allahabad (February 16th, 2001 to 17th February, 2002) Department of Zoology (P.G.), D.A.V. College, (Ch. C.S University), Muzaffarnagar (4th May 1996 to 15th February, 2001)

JUNIOR/SENIOR RESEARCH FELLOW

At Microbiology Division, CDRI, Lucknow. **(1992 to 1996).**

At Genetics Unit, All India Institute of Medical Sciences, (AIIMS), New Delhi **(1991 to 1992)**

CURRENT RESEARCH FIELD : MOLECULAR ONCOLOGY, THERAPEUTICS

REVIEWER OF INTERNATIONAL JOURNALS:

1. Inflammopharmacology
2. DNA and Cell Biology
3. African Journal of Microbiology Research.
4. African Journal of Pharmacy and Pharmacology

MEMBERSHIP:

1. Chairman of DBT sponsored Institutional Bio-Safety Committee (IBSc) 2015-2018
2. Chairman Global Jamia Alumni Network (G-JAN) 2016
2. Member Secretary of DBT sponsored Institutional Bio-Safety Committee (IBSC) from 2011 to 2015.
3. Member of ICMR sponsored Institutional Ethical Committee (IEC) 2011-2015
4. Member Animal Ethics Committee
5. Member Faculty Committee, Faculty of Natural Sciences JMI
6. Life Member Indian Society for Parasitology.
7. Life Member Society for Nature Conservators.

Publications

1. Farheen Shamsi, **Mohammad Moshahid Alam Rizvi**, Mohammad Abid. The Upshot of PI3K Inhibitor as Anticancer Arsenal: A short Review. *Current Bioactive Compounds*, **Volume 13**.
2. Md. Mushtaque, Fernando Avecilla, Md. Shahzad Khan, Zubair Bin Hafeez, **M. Moshahid A. Rizvi**, Anurag Srivastava (2017). Synthesis, characterization, cytotoxicity, cell cycle analysis of 3-(4-methoxyphenyl)-1-(pyridin-2-ylmethyl)thiourea and quantum chemical analyses. *Journal of Molecular Structure*, 10.1016/j.molstruc.2017.03.066.
3. Md. Mushtaque, Fernando Avecilla, Ashnaul Haque, Ahmad Perwez, Md. Shahzad Khan, **M. Moshahid A. Rizvi** (2017). Experimental and theoretical studies of a pyrazole-thiazolidin-2,4-dione hydride. *Journal of Molecular Structure*, 1141(2017) 417-427.
4. Irfan Ahmad, Irshad M, Zafaryab M, Asad Khan M, Syed Hassan Mehdi, Ahmad Perwez and **Moshahid A Rizvi** (2017). Phytochemical Composition of Extracts Prepared from Dietary Cucurbits and their Cytoprotective Efficacies against Hydrogen Peroxide Induced Oxidative Stress in GI Cell-INT40, *J Plant Biochem Physiol* 2017, 5:1 DOI: 10.4173/2329-9029.1000181.
5. Md. Asad Khan · Md. Zafaryab · Syed Hassan Mehdi, **M.Moshahid A. Rizvi** (2017). Characterization and carboplatin loaded chitosan nanoparticles for the chemotherapy against breast cancer in vitro studies, *International Journal of Biological Macromolecules*, *International Journal of Biological Macromolecules*, 97, 115-122.
6. Wasim Akhtar, Mohammad Faraz Khan, Garima Verma, M. Shaquiquzzaman, **M.A. Rizvi**, Syed Hassan Mehdi, Mymoona Akhter, M. Mumtaz Alam (2017). Therapeutic evolution of

benimidazole derivatives in the last quinquennial period. *European Journal of Medicinal Chemistry*, 126, 705-753.

7. Irfan Ahmad¹, Md. Nasiruddin², Md. Asad Khan¹, Md. Zafaryab¹, Syed Hassan Mehdi¹ and **Md. Moshahid A Rizvi** (2017). Nutraceuticals as Chemopreventive and Therapeutic agents in Gut Associated Pathogenesis, *Biochem Anal Biochem* 5: 298. doi: 10.4172/2161-1009.1000298.
8. Ankita Leekha, Bahabur S. Gurjar, Aakrti Tyagi, **Moshahid Alam Rizvi**, Anita K. Verma (2016). Vitamin C in synergism with cisplatin induces cell death in cervical cancer cells through altered redox cycling and p53 upregulation. *J Cancer Res Clinic Oncol*, DOI 10.1007/s00432-016-2235-s.
9. Mohemmed Faraz Khan, Garima Verma, Wasim Akhtar, Mohammad Shaquiquzzaman, Mymoona Akhter, **Moshahid Alam Rizvi**, Mohammad Mumtaz Alam (2016). Pharmacophore modeling, 3D-QSAR, docking study and ADME prediction of acyl 1,3,4-thiadiazole amides and sulfonamides as antitubulin agents. *Arabian Journal of Chemistry*, <http://doi.org/10.1016/j.arabjc.2016.11.004>.
10. Himanshu Arora, Rehana Qureshi, **MA Rizvi**, Sharad Shrivastava, Mordhwaj S . Parihar (2016). Study of apoptosis-related interactions in colorectal cancer. *Tumor Biol*. DOI 10.1007/s13277-016-5363-9.
11. Md. Mushtaque, Fernando Avecilla, Zubair Bin Hafeez, Meriyam Jahan, Md. Shahzad Khan e,¹ **M. Moshahid A. Rizvi**, Mohd. Shahid Khan, Anurag Srivastava, Anwasha Mallik, Saurabh Verma (2016). Synthesis, stereochemistry determination, pharmacological studies and quantumchemical analyses of bisthiazolidinone derivative. *Journal of Molecular Structure*, **1127**: 99–113.
12. Mohammad Anwar, Sohail Akhter, Neha Malik, Sharmistha Mohapatra, Sobiya Zafar, **M. Moshahid A Rizvi**, Asgar Ali, Farhan Jalees Ahmad (2016). Enhanced anti-tumor efficacy of paclitaxel with PEGylated lipidic nanocapsules in presence of curcumin and poloxamer: *In vitro* and *in vivo*. *Pharmacological Research*. **113**: 146-165.
13. Neha Malik, Mohammad Anwar, Mohammad Asfer, Syed Hassan Mehdi, **M. Moshahid A Rizvi**, Amulya Kumar Panda, Sushma Talegaonkar, Farhan Jalees Ahmad (2016). Chondroitin sulfate-capped super-paramagnetic iron oxide nanoparticles as potential carrier of doxorubicin hydrochloride. *Carbohydrate polymers*, **151**: 546-556
14. Priyanka Singh, Pankaj Sharma, Mala Chhabra, **Moshahid A. Rizvi**, Veena Mittal, Dipesh Bhattacharya, Srinivas Venkatesh, Arvid Rai (2016). Continued persistence of ECSA genotype

with replacement of K211E in E1 gene of Chikungunya virus in Delhi from 2010-2014. Asian Pacific Journal of Tropical Disease. 6 (7).

15. Asgar Ali, Syed Jafar Mehdi, Krishnan Hajela, Sundeep Singh Saluja, Pramod Kumar Mishra, Aga Syed Sameer, **M. Moshahid A. Rizvi** (2016). Allelic loss at PTEN locus lead to progression of colorectal carcinoma among North Indian patients. Biomarkres. doi.org/10.3109/1354750X.2016.1172115.
16. Md. Asad Khan · Md. Zafaryab · Syed Hassan Mehdi, **M.Moshahid A. Rizvi** (2016) Characterization and anti-proliferative activity of curcumin loaded chitosan nanoparticles in cervical cancer. International Journal of Biomacromolecules. **93**(Pt A), 242-253.
17. Shahanshah Khan, Sandeep Choudhary, Arun Kumar, Akanchha Mani Tripathi, Amit Alok, Jawahar Singh Adhikari, **Moshahid Alam Rizvi**, Nabo Kumar Chaudhury (2016). Evaluation of sesamol-induced histopathological, biochemical, haematological and genomic alteration after acute oral toxicity in female C57BL/6 mice. Toxicology Reports, doi:10.1016/j.toxrep.2016.03.005.
18. Shahansha Khan, Jawahar Singh Adhikari, **M. Moshahid A. Rizvi** and Nabo Kumar Chaudhary (2016). Melatonin attenuated ⁶⁰Co γ -ray induced hematopoietic, immunological and gastrointestinal injuries in c57BL/6 male mice. Environmental Toxicology. doi: 10.1002/tox.22254.
19. Rehana Qureshi, Himanshu Arora, Shilpi Biswas, Ahmad Perwez, Afreen Naseem, Saima Wajid, Gauri Gandhi, **Moshahid Alam Rizvi** (2016). Mutation analysis of EGFR and its correlation with the HPV in Indian cervical cancer patients, Tumor Biology, pp 1-10
20. Asad khan, Khurseed Alam, Kiran Dixit, **M. Moshahid A. Rizvi**. (2015) Role of peroxynitrite induced structural changes on H2B histone by physiochemical method. International journal of Biological Macromolecules. pii: S0141-8130(15)30087-8. doi: 10.1016/j.ijbiomac.2015.10.085.
21. Javed Ahmad, Sohail Akhtar, Saima Amin, Mahfoozur Rahman, Mohammad Zaki Ahmad, **Moshahid Alam Rizvi**, Mohammad A Kamal, Farhan A Jalees Ahmad (2015). Nanotechnology based inhalation treatment for lung cancer: State of the Art. Nanotechnology, Science and Applications, 1–12,
22. Tarique Sarwar, Md. Zafaryab, Mohammed Amir Husain, Hassan Mubarak Ishqi, Sayeed Ur Rahman, **M. Moshahid Alam Rizvi**, Mohammad Tabish (2015). Redox cycling of endogenous copper by ferulic acid leads to cellular DNA breakage and consequent cell death: A putative cancer chemotherapy mechanism. Toxicology and Applied Pharmacology, **289**(2): 251-61.

23. Shahanshah Khan · Arun Kumar · Jawahar Singh Adhikari **Moshahid Alam Rizvi** Nabo Kumar Chaudhury (2015). Protective effect of sesamol against 60 Co γ -ray-induced hematopoietic and gastrointestinal injury in C57BL/6 male mice. *Free Radical Research*. **49(11)**: 1344-61.
24. Shahansha Khan, Jawahar Singh Adhikari, **Moshahid Alam Rizvi** and Nabo Kumar Chaudhury. (2015). Radioprotective potential of melatonin against ^{60}Co γ -ray-induced testicular injury in male C57BL/6 mice. *Journal of Biomedical Science*. DOI 10.1186/s12929-015-0156-9.
25. Amit Kumar, Md. Zafaryab, Ahmad Umar, **M. A. Rizvi**, H. Fouad. (2015). Relief of Oxidative Stress Using Curcumin and Glutathione Functionalized ZnO Nanoparticles. *Journal of Biomedical Nanotechnology*. **1**: 1-14.
26. Qureshi MA, Khatoon F, **Rizvi MA**, Zafaryab (2015). M Ethyl acetate Salix alba leaves extract-loaded chitosan-based hydrogel film for wound dressing applications, *J Biomater Sci Polym Ed*. **26(18)**: 1452-64.
27. Aneja, Babita; Irfan, Mohammad; Hassan, Md Imtaiyaz; Amresh, Prakash; Yadava, Umesh; Daniliuc, Constantin G; azam, amir; Zafaryab, Md.; **Rizvi, Moshahid A**; Mohammad Abid (2015). Monocyclic β -lactam and unexpected oxazinone formation: Synthesis, crystal structure, docking studies and antibacterial evaluation. *Journal Of Enzyme Inhibition And Medicinal Chemistry*. **31(5)**: 834-52.
28. Mir Mohammad Masood, Vijay K. Pillalamarri, Mohammad Irfan, Babita Anea, Mohammad Aman Jairapuri, Md. Zafaryab, M. **Moshahid A. Rizvi**, Umesh Yadava, Anthony Addalagatta, Mohammad Abid (2015). Diketo acids and their amino acid/dipeptidic analogues as promising scaffolds for the development of bacterial methionine aminopeptidase inhibitors. *RSC Advances* **5**: 34173-34183.
29. Rehana Qureshi, Himanshu Arora, **M. Moshahid A. Rizvi** (2015). EMT in cervical cancer: its role in tumor progression and response to therapy. *Cancer letter*. **356(2 Pt B)**: 321-31
30. Atheer Abbas Al-Fatlawi, **M. Moshahid A. Rizvi**, Ayaz ahmad (2014). Anticarcinogenic activity of rice bran phytic acid against human breast cancer cell line (mcf-7), *Asian J Pharm Clin Res*, **7(1)** :151-155.
31. Md. Irshad, Syed Jafar Mehdi, Atheer A. Al-Fatlawi, Md. Zafaryab, Asgar Ali, Irfan Ahmad, Man Singh, **M. Moshahid A. Rizvi** (2014). Phytochemical Composition of Cassia fistula Fruit Extracts and its Anticancer Activity Against Human Cancer Cell Lines. *Journal of Biologically Active Product from Nature*. **4(3)**:158-170.

32. Jyoti Gupta, Mohammad Afzal, **M. Moshahid A. Rizvi**, Mohammad, Zafaryab and Faiz Mujtaba (2014). Anticancer potential of Green tea polyphenols in human cancer cell lines. in proceeding of Academic and Research Excellence in Animal Science 26th and 27th Sep 2014, B.N.S.C Ahmednagar (Maharashtra). pp81 - 85. (ISBN- 978-93-81921,30-2).
33. Atheer Abbas Al-Fatlawi, Anees Abbas Al-Fatlawi, Md. Zafaryab, Md. Irshad, Irfan Ahmad, , Ayaz Ahmad, **M. Moshahid A. Rizvi**(2014). Rhein induced cell death and apoptosis through caspase dependent and associated with modulation of p53, bcl-2/bax ratio in human cell lines. *Int J Pharm Pharm Sci*, **6**(2): 515-519
34. Irfan Ahmad, Md. Zafaryab, Atheer Abbas Al-Fatlawy, Zakia Kazim, Ahmad Parwez and **M. Moshahid A. Rizvi** (2014), .Modulation of Growth and Proton Pumping ATPase activity of Probiotic lactobacilli by Dietary cucurbits. *Journal of Protein and Proteomics*, **4**(3) , 217-222.
35. Arshad H Rahmani, Mohammad Alzohairy, Ali Yousif Babiker, Amjad A khan, Salah M Aly, **M. Moshahid A. Rizvi** (2013). .Implication of androgen receptor in urinary bladder cancer: a critical mini review, *Int J Mol Epidemiol Genet*, **4**(3):150-155.
36. Naveen Bharat, Md. Irshad, **M. Moshahid Alam Rizvi**, and Tasneem Fatima (2013). Antimicrobial and Cytotoxic Activities of Cynobacteria. *International Journal of Innovative Research in Science, Engineering and Technology*, **2**(9): 4328-4342.
37. Surendra K. Prajapati, Hema Joshi, Jane M. Carlton, **M. Moshahid A. Rizvi** (2013). Neutral Polymorphisms in Putative Housekeeping Genes and Tandem Repeats Unravels the Population Genetics and Evolutionary History of *Plasmodium vivax* in India. *PLOS Neglected tropical disease*, **7**(9):1-11.
38. Priyanka Singh, Mala Chhabra, Veena Mittal, Pankaj Sharma, **M. Moshahid A. Rizvi**, Lakhvir Singh Chauhan, Arvind Rai (2013). Current research and clinical trials for a vaccine against Chikungunya virus. *Vaccine: Development and Therapy*. **3**:35-46,
39. Iqbal Ahmad, Sohail Akhter, Mohammad Zaki Ahmad , Mohd Shamim , M. Moshahid A. Rizvi, Roop K. Khar and Farhan J. Ahmad (2013). Collagen loaded nano-sized surfactant based dispersion for topical application: formulation development, characterization and safety study. *Pharm Dev Technol*, **19**: 460-467.
40. Nisreen S Alyasiri, Asgar Ali, Zakia Kazim, Sunita Gupta, Ashish K Mandal, Ishwar Singh, **M. Moshahid A Rizvi** (2013). Aberrant promoter methylation of PTEN gene among Indian patients with oral squamous cell carcinoma. *Int J Biol Markers*, **28**(3): 298-302.

41. Asgar Ali, Sundeep S Saluja, Krishna Hajela, Pramod K Mishra, **M. Moshahid A Rizvi** (2013). Mutational and expressional analyses of *PTEN* gene in colorectal cancer from northern India *Molecular Carcinogenesis*, **53**: 45-52.
42. Manoj K. Patel, Md. Zafaryab, **M. Moshahid Alam Rizvi**, Ved Varun Agrawal, Z. A. Ansari, B. D. Malhotra, S. G. Ansari (2013). Antibacterial and Cytotoxic effect of Magnesium Oxide nanoparticles on bacterial and human cells, *Jr. of Nanoengineering and Nanomanufacturing* **3** 162-166.
43. Manoj Kumar Patel, Md. Azahar Ali, Md. Zafaryab, Ved Varun Agrawal, **M. Moshahid Alam Rizvi**, Z.A. Ansari, S.G. Ansari, Bansi D. Malhotra (2013). Biocompatible nano structured magnesiumoxide-chitosanplatform for genosensing application *Biosensors and Bioelectronics* **45**; 181-188.
44. Md Irshad, Ejaz Ahmad, Md Zafaryab, Farah Ahmad, Nikhat Manzoor, Man Singh and **M. Moshahid A Rizvi** (2013). Composition of *Cassia fistula* oil and its anti fungal activity by disrupting ergosteriol biosynthesis. *Natural Product Communication* **08** (2) ; 261- 264
45. Md Irshad, Irfan Ahmad, Syed Jafar Mehdi, Harish Chandra Goel. **M. Moshahid A. Rizvi** (2012). Antioxidant capacity and Phenolic Content of the Aqueous Extract of Commonly Consumed Cucurbits. *International Journal of Food Properties*, **00**:1-8.
46. Arshad Rahmani, Mohammad Alzohairy, Ali Yousif Babiker, **M. Moshahid A. Rizvi**, Husain Gad Elkarimahmad (2012). Clinicopathological significance of PTEN and bcl2 expressions in oral squamous cell carcinoma *Int J Clin Exp Pathol*; **5**(9):965-971
47. Abhijeet Mishra, S. Jafar Mehdi, Md. Irshad, Asgar Ali, Meryam Sardar, **M. Moshahid A. Rizvi** (2012). Effect of Biologically Synthesize Silver Nanoparticles on Human Cancer Cells. *Science of Advanced Materials*; **4**, 1–7.
48. Md. Irshad, Md. Zafaryab, Man Singh, and **M. Moshahid A. Rizvi** (2012). Comparative Analysis of the Antioxidant Activity of Cassia fistula Extracts. *International Journal of Medicinal Chemistry*, Article ID 157125, doi:10.1155/2012/157125
49. Priyanka Singh, Veena Mittal, **M. Moshahid A. Rizvi**, Dipesh Bhattacharya, Mala Chhabra, Devendra S. Rawat, Rattan L. Ichhpujani, Lakhvir S. Chauhan, Arvind Rai (2012). Northward movement of East Central South African Genotype of Chikungunya virus causing an epidemic between 2006-2010 in India. *The Journal of Infection in Developing Countries* **6**(7):563-71.

50. Ahmad Rushdi Shakri, **M. Moshahid A. Rizvi**, Chetan E. Chitnis (2012). Development of a quantitative receptor-ligand binding assay for use as a tool to estimate immune responses against *Plasmodium vivax* Duffy binding protein Region II. *Journal of Immunoassay and Immunochemistry*. **33**:4, 403-413.
51. **M. Moshahid Alam Rizvi**, Asgar Ali, Syed Jafar Mehdi, Pramod Kumar Mishra, Sundeep Singh Saluja (2013). Association of epigenetic alteration in PTEN gene with colorectal cancer progression among Indian population. *Int.J. Colorect Dis.***28**, 283-284
52. Arshad Rahmani , Mohammad Alzohairy , Habeeb Khadr, M. Moshahid A. Rizvi , Ashish Mandal (2011). Immunohistochemical Detection of Estrogen Receptor and Progesterone Receptor in Urinary Bladder Carcinoma Patients. *Int J Cur Biomed Phar Res.* **1**(3): 109 -112
53. Arshad Rahmani Mohammad Alzohairy Habeeb Khadri Ashish K Mandal M. Moshahid A. Rizvi (2012). Expressional evaluation of Endothelial Growth Factor (VEGF) protein in urinary bladder carcinoma patients exposed to cigarette smoke. *Int J Clin Exp Pathol*, **5**(3):195-202
54. Nisreen Sherif Alyasiri, Syed Jafar Mehdi, M. Shabbir Alam, Asgar Ali, Ashish K Mandal, Sunita Gupta, Ishwar Singh, **M. Moshahid Alam Rizvi** (2012). *PTEN* mediated AKT activation contributes to the reduced apoptosis among Indian oral squamous cell carcinoma patients. *Journal of Cancer Research and Clinical oncology*, **138** (1) :103-9.
55. P. Singh, V. Mittal, **M. Moshahid Alam Rizvi**, M. Chhabra, P. Sharma, D.S. Rawat, D. Bhattacharya, L.S. Chauhan, A. Rai (2011). The first dominant co-circulation of both dengue and chikungunya viruses during the post-monsoon period of 2010 in Delhi, India. *Epidemiology and Infection*, **140**, 1337-1342.
56. Surendra K Prajapati, Hema Joshi, Sneha Shalini, Manuel A Patarroya, Rossarin Suwanarusk, Ashwani Kumar, Surya K Sharma, Alex Eapen, Vas Dev, Rajendra M Bhatt, Neena Valecha, Francois Nosten, **M. Moshahid Alam Rizvi**, Aditya P Dash (2011). Plasmodium vivax lineages: Geographical distribution, tandem repeat polymorphism, phylogenetic relationship. *Malaria Journal*, **1475**:2875-10-374.
57. Arshad Rahmani , Mohammad Alzohairy , Habeeb Khadr I , **M. Moshahid Alam Rizvi**, Ashish Mandal (2011). Immunohistochemical Detection of Estrogen Receptor and Progesterone Receptor in Urinary Bladder Carcinoma Patients. *Int J Cur Biomed Phar Res.* **1**(3): 109 -112

58. Arshad Rahmani, Mohammad Alzohairy, A. K. Mandal, **M. Moshahid Alam Rizvi** (2011). Expressional Evaluation of Androgen Receptor in Transitional Cell Carcinoma of Urinary Bladder Patients. *British Journal of Medicine & Medical Research*. **1**(4):233-238.
59. Arshad Rahmani, Mohammad Alzohairy, Habib Khadri, **M. Moshahid Alam Rizvi**, Ashish Mandal (2011). Paraffin Section of Sputum Block: Description of a New Method for Pathological and Molecular Study. *British Journal of Medicine & Medical Research*, **1**(3): 141-145.
60. M. Shabbir Alam, Asgar Ali, Syed Jafar Mehdi, Nisreen Sherif Alyasiri, Zakia Kazim, Swaraj Batra, A. K. Mandal, **M. Moshahid A. Rizvi** (2011). HPV Typing and its relation with Apoptosis in Cervical Carcinoma from Indian population. *Tumor Biology*, **33**(1):17-22.
61. **M. Moshahid A. Rizvi**, M. Shabbir Alam, Asgar Ali, Syed Jafar Mehdi, Swaraj Batra, AK Mandal (2011). Aberrant promoter methylation and inactivation of *PTEN* gene in cervical carcinoma from northern Indian population. *Journal of Cancer Research and Clinical oncology*, **137**(8):1255-62.
62. **M. Moshahid A. Rizvi**, M. Shabbir Alam, Syed Jafar Mehdi, Asgar Ali, Swaraj Batra (2011). Allelic loss at 10q23.3, the *PTEN* gene locus in cervical carcinoma from northern Indian population. *Pathology and Oncology Research*, **12253**:011-9446-z.
63. Feroz Akhtar, **M. Moshahid A. Rizvi**, S.K. Kar. (2012). Oral delivery of curcumin bound to chitosan nanoparticles cured *Plasmodium yoelii* infected mice. *Biotechnology Advances*, **30** (1) :310-20
64. Md Irshad, Sheikh Sheraz, Nikhat Manzoor, Luqman A. Khan, **M. Moshahid A. Rizvi** (2011). Anticandidal activity of *Cassia fistula* and its effect on ergosterol biosynthesis. *Pharmaceutical Biology*. **49**(7): 727-733.
65. Irfan Ahmad, M. Irshad, **M. Moshahid A. Rizvi** (2011). Nutritional and Medicinal Potential of *Lagenaria siceraria*. *Int. J. Vegetabe Science*. **17** (2): 157 – 170.
66. Mehdi SJ, Ahmad A, Irshad M, Manzoor N, **Rizvi MMA** (2011). Cytotoxic effect of Carvacrol on human cervical cancer cells. *Biology and Medicine*. **3** (2): 307-312.
67. Syed Jafar Mehdi, Asgar Ali, **M. Moshahid A. Rizvi** (2010). Parkin Gene Alterations in Ovarian Carcinoma from Northern Indian population. *Pathology & Oncology Research*. **17** (3), 579-586.
68. Syed Jafar Mehdi, M. Shabbir Alam, Swaraj Batra, **M. Moshahid A. Rizvi** (2010). Allelic loss at 6q25-27, the Parkin tumor suppressor gene locus in cervical carcinoma. *Medical Oncology*. **28**:1520–1526.

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70. M. Irshad, Man Singh, **M. Moshahid Alam Rizvi** (2010). Assessment of Anthelmintic activity of Cassia fistula L. *Middle East J. Scientific Research.* **5**(5): 346-349.
71. Md. Zeyauallah, Razi Ahmad, Asma Naseem, Badrul Islam, Hamad M.I. Hasan, Azza S. Abdelkafe, Faheem A. Benkhayal, **M. Moshahid Alam Rizvi** (2009). Catechol Biodegradation by Pseudomonas Strain: A critical analysis. *Int. J. Chem. Sci.* **7** (3), 2211-2221.
72. Sonia Tyagi, Lakshman Singh, M. Memita Devi, H.C. Goel, **M. Moshahid Alam Rizvi** (2009). Augmentation of Antioxidant defensesystem of *Tinospora cordifolia* : Implications in radiation protection. *Journal of Complementary and Integrative Medicine.* **6** (1):36, 1-14.
73. **M. Moshahid Alam Rizvi**, Irshad M., Gamal El Hassadi and Salaem Ben Younis (2009). Bioefficacies of Cassia fistula: An Indian labrum, *African Journal of Pharmacy and Pharmacology.* **3**(6): 287-292.
74. Md. Zeyauallah, Majid R. Kamli, Badrul Islam, Mohammed Atif, Faheem A Benkhayal, M. Nehal, **M. Moshahid Alam Rizvi**, Arif Ali (2009). Metagenomics - An advanced approach for non-cultivable micro-organisms. *Biotechnology and Molecular Biology Reviews.* **4**(3): 049-054.
75. Awasthi S, Irshad M, Das MK, Ganti SS, **M. Moshahid Alam Rizvi** (2009). Anti-inflammatory activity of *Calotropis gigantean* and *Tridax procumbens* on Carrageenin- induced paw edema in rats. *Ethnobotanical Leaflets.* **13**: 568-77.
76. Birendra Kumar, PR Yadav, HC Goel, **M. Moshahid Alam Rizvi** (2009). Recent Developments in Cancer Therapy by the use of Nanotechnology, *Digest Journal of Nanomaterials and Biostructures.* **4**, 1-12.
77. S. Rehman, A. S. Sameer, L. Zahoor, S. Abdullah, Z. A. Shah, D. Afroze, I. Hussain¹, S. M. Shaffi, N. Syeed, **M. Moshahid Alam Rizvi**, M. A. Siddiqi (2009). Distinct pattern of mutations of conserved regions of TP53 in colorectal patients in the Kashmiri population: An emerging high risk Area, *ecancer medical science*, **3** Article Number: 129 DOI: 10.3332.
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79. M.Irshad, **M. Moshahid Alam Rizvi**, Man Singh. (2008). Magnetotherapy: Changes in the Nature of Biomolecules under a Constant Magnetic Field. *Journal of Complementary and Integrative Medicine*; **5**,(1); Article: 12.
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81. Naveen Kumar Nandan, Saima Wajid, Shilpie Biswas, Sominder Singh Juneja, **M. Moshahid Alam Rizvi**, Raminder Prakash, Samar Husain Naqvi (2008). Allelic variation in 5,10-Methylenetetrahydrofolate Reductase Gene and Susceptibility to Cervical Cancer in Indian Women, *Drug Metabolism Letter*, **2**:18-22.
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86. Rekha R, R S Murthy, Sudha Bhattacharya, Vineet Ahuja **M. Moshahid Alam Rizvi**, and Jaishree Paul (2006). Changes in bacterial profile during amoebiasis: A demonstration of anaerobic bacteria in ALA pus samples, *Am J Trop Med & Hyg* **75** : 880-885.
87. Rekha R, Moshahid A. Rizvi, and Jaishree Paul (2006). Designing and validation of genus-specific primers for human gut flora study, *E Journal of Biotechnology*, **9** (5), 1-7.
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91. Javid Sadraei, **M. Moshahid Alam Rizvi** D.chattopadhyaya & Usha K. Baveja (2005). Diarrhea, CD4+ Cell counts and opportunistic protozoans in Indian HIV- infected patients, *Parasitology Research* **97**(4): 1422-1427.
92. Singh L, Tyagi S, Sinha AK, Kumar R, Sharma RK and M. Moshahid Alam Rizvi (2004). Effect of *Tinospora cordifolia* on macrophage function: a possible role in radioprotection. *Indian J. Radiation Research* . 1: 45.
93. Sonia Tyagi, L. Singh, SC. Puri, R Kumar , RK. Sharma and M. Moshahid Alam Rizvi (2004). Effect of fractionated extract of *Podophyllum hexandrum* on radiation induced cellular damage. *Indian J. Radiation Research* . 1: 40.
94. **M. Moshahid Alam Rizvi**, Alok Sharma, S.K. Puri & G.P. Dutta (2004). Tissue Schizonto cidal efficacy of novel anti malarial compound against *P.yoelii Nigeriensis*, *Proc. Nat. Acad. Sci. India*, 74:B (II) 1-8.
95. Alok Suman Sharma and M. Moshahid Alam Rizvi (2003). Pharmacokinetics and Toxicity of Standard Antimalarial Agents, *J. Natcon*, 15: 297-313.
96. **M. Moshahid Alam Rizvi** and Alok S. Sharma (2002). Assessment of Antimalarial Chemotherapeutic Agents and Human Malaria. *J. Exp. Zool. India*, **5**: 269-280.
97. Ritu and **M. Moshahid Alam Rizvi** (2001). Chemotherapy, a potential control measure in human malaria. *J. Natcon*. **13**: 245-255. -121.
98. **M. Moshahid Alam Rizvi** and G.P. Dutta (1999). Sporogonic Development of Plasmodia: Under Electron Microscope. *J.Exp. Zool India*. 2 : 11-19. 71.
99. Pant AB and **M. Moshahid Alam Rizvi** (1999). Purification of Heat Stable Enterotoxin of *Escherichia coli*: A Toxioid Antidiarrheal Vaccine. *J. Natcon*. 11: 83-89. 72.
100. Pant AB and **M. Moshahid Alam Rizvi** (1998). Elimination of Quinoline Antibiotics Carryover by use of Antibiotic Removal Beads” *J. Basic & Applied Biomed*; 6 : 15-18. 73.

101. **M. Moshahid Alam Rizvi**, Aseem, Umesh, S.K. Puri, J.P. Singh and G.P. Dutta (1997). Efficacy of a novel Interferon inducer on blood stage multi drug resistance rodent malaria parasite *Plasmodium yoelii*. *J. Basic & Applied Biomed*, 5 : 5-11. 74.
102. Pant AB and **M. Moshahid Alam Rizvi** (1997). Colonization factor Antigen I and Enterotoxin production among somatic antigen groups of *Escherichia coli* strains. *J. Natcon* 9: 251-256. 75.
103. **M. Moshahid Alam Rizvi** and Mohd. Afzal (1997). Expression of Polygenic Traits among school going children of Aligarh, India. *J. Natcon*. 9: 115-121.
104. **M. Moshahid Alam Rizvi**, S.K. Puri, R.K. Mishra & G.P. Dutta (1995). Antimalarial Spectrum of 6-MFA an Interferon inducer against rodent malaria parasite *J. Parasitic Disease*, 19: 97.

PRESENTATIONS/ABSTRACTS:

1. Md. Zafaryab, Syed Hassan Mehdi, Md. Asad Khan, Irfan Ahmad, Zubair Bin Hafeez, Khalid Umar Fakhri, Krishnan Hejela, **M. Moshahid A. Rizvi**. In vitro Apoptotic Potential of Palmitic Acid on Human Cancer Cells. Emerging Trends in Biomedical Sciences” (ETBS-2016) to be held on March 6-8, 2016 at Department of Biochemistry, Faculty of Life Sciences, Aligarh Muslim University, Aligarh 202002 (UP).
2. Durdana Yasin, **Moshahid Alam Rizvi**, Tasneem Fatima. Effect of *Nostoc Muscorum* Nccu-442 and *Calothrix Brevissima* nccu-65 extract against Hepatocellular Carcinoma. Emerging Trends in Biomedical Sciences” (ETBS-2016) to be held on March 6-8, 2016 at Department of Biochemistry, Faculty of Life Sciences, Aligarh Muslim University, Aligarh 202002 (UP).
3. **Moshahid Alam Rizvi**, Shahanshah Khan, Jawahar Singh Adhikari, Nabo Kumar Chaudhury. Sesamol provides protection from γ -rays-induced injury in murine model. Invited talk delivered at the International Conference on Biotechnological Advancements in Free Radical Biology and Medicine, Lucknow, INDIA, November, 2015.
4. **Moshahid Alam Rizvi**, Shahanshah Khan, Jawahar Singh Adhikari, Nabo Kumar Chaudhury. Sesamol attenuates ^{60}Co γ -ray-induced immunological injuries in murine model. Invited talk delivered at the 42nd Annual Conference of Indian Immunology Society, Patna, INDIA, October, 2015.

5. Shahanshah Khan, Jawahar Singh Adhikari, **Moshahid Alam Rizvi** and Nabo Kumar Chaudhury. Melatonin attenuates γ -ray-induced hematopoietic and gastrointestinal injury in mice. Poster presentation delivered (Best Poster Presentation Award) at the Indian Society for Radiation Biology meeting, International Conference on Radiation Biology, Delhi, INDIA, November, 2014.
6. Shahanshah Khan, Akanchha Mani Tripathi, Sandeep Chaudhary, Jawahar Singh Adhikari, **Moshahid Alam Rizvi** and Nabo Kumar Chaudhury. Toxicity evaluation of melatonin and sesamol using serum biochemical and histopathological changes in female mice. Poster presentation delivered at the Indian Society for Radiation Biology meeting, International Conference on Radiation Biology, Delhi, INDIA, November, 2014.
7. Shahanshah Khan, **M. Moshahid Alam Rizvi**, Arun Kumar, Namita Kalra, Jawahar Singh Adhikari and Nabo Kumar Chaudhury. Melatonin and sesamol protects spleenocytes against ^{60}Co γ -irradiation induced damages in male C57BL/6 mice. Poster presentation delivered at the Indian Society for Radiation Biology meeting, International Conference on Radiation Biology, Deralakatte, Mangalore, INDIA, October, 2013.
8. Shahanshah Khan, Arun Kumar, Arshad Reza, **Moshahid Alam Rizvi**, Nabo Kumar Chaudhury and Jawahar Singh Adhikari. Evaluation of radioprotective efficacy of melatonin and sesamol in gastrointestinal tract and testes of male C57BL/6 mice irradiated at sub-lethal radiation dose. Poster presentation delivered at the International Conference on Advance in Free Radicals, Redox Signaling and Translational Antioxidant Research & XII Annual Meeting for Free Radical Research, Lucknow, INDIA, January, 2013.
9. Shahanshah Khan, Jawahar Singh Adhikari, Arshad Reza, **Moshahid Alam Rizvi** and Nabo Kumar Chaudhury. Radioprotective effects of melatonin in gastrointestinal tract, bone marrow and spleen of lethally γ -irradiated male C57BL/6 mice. Poster presentation delivered at the 8th National Research Scholars Meet in Life Sciences, Mumbai, INDIA, December, 2012.
10. Asgar Ali, M. Shabbir Alam, **M. Moshahid A. Rizvi**. Immunohistochemical studies and epigenetic evaluation of PTEN gene among cervical cancer patients. International Conference on Recent Advances in Cancer Research: Bench to Bedside. February, 19 and 20, 2011. School of Life Sciences, Central University of Gujarat, Gandhinagar, Gujarat.
11. S. Jafar Mehdi, M. Irshad, Asgar Ali, **M. Moshahid A. Rizvi**. Allelic loss of 6q25-27, the *PARKIN* gene locus in ovarian carcinoma. Abstract selected for oral presentation in

MAASCON-1, First Annual National Symposium of the Muslim Association for the Advancement of Science (MAAS), Frontiers in Life sciences: Basic and Applied; 23-24 October, 2010, Department of Zoology, Aligarh Muslim University, India.

12. **M. Moshahid A. Rizvi**, M. Shabbir Alam, Md. Zeyauallah, Arshad H Rehmani, S. Jafar Mehdi, A.K. Mandal, S. Batra. Mutational Analysis of *PTEN* gene in the carcinoma of uterine cervix. First International Pharmaceutical Science Conference, 22-24 December, 2009, Faculty of Pharmacy, Omar El- Mukhtar University, El-Beida, Libya.
13. Md. Zeyauallah, Azza S Abdelkafe, Kawthar I Elgindy, Hamad MI Hasan, **M. Moshahid A. Rizvi**, Arif Ali. Biodegradation of Catechols by *Pseudomonas* Strain: A critical review. First International Pharmaceutical Science Conference, 22-24 December 2009, Faculty of Pharmacy, Omar El- Mukhtar University, El-Beida, Libya.
14. S. Jafar Mehdi, M. Irshad, **M. Moshahid A. Rizvi**. Antiproliferative effect of cassia fistula on U87 MG Cells. International Symposium on Cancer Chemoprevention and Translational Research, 21st December 2009, School of Life Sciences, Jawaharlal Nehru University, New Delhi, India.
15. S. Jafar Mehdi, M. Irshad, M. Sabbir Alam, **M. Moshahid A. Rizvi**. Allelic loss of 6q25-27, the PARKIN tumor suppressor gene locus, in cervical carcinoma from northern Indian population, International Conference on Frontiers in Prevention, Diagnosis and Therapy of Cancer, 21st-22nd November 2009, Department of pathology, Motilal Nehru Medical college, Allahabad, India.
16. S. Jafar Mehdi, M. Irshad, **M. Moshahid A. Rizvi**. Antiproliferative effect of cassia fistula on HeLa Cells. Interface between Chemistry and Biology, 8th October 2009, CIRBSc, Jamia Millia Islamia, New Delhi, India.
17. Surendra K Prajapati, Joshi H, Kang'a S, Carlton JM, **M. Moshahid A. Rizvi**, Dash AP. A Panel of genetic markers unfold genetic relatedness and evolutionary histories of *Plasmodium vivax* lineages, Old world and New world. ASTMH 57th annual meeting held in New Orleans, Louisiana, USA at 7th-11th Dec 2008.
18. Surendra K Prajapati, Eapen A, Bhatt R M, Singh N, Adak T, Yadav R S, Dev V, Rizvi M A, **M. Moshahid A. Rizvi** Dash A P and Joshi H. Minisatellites: A useful marker for population genetic studies of *Plasmodium vivax* in India. 9th International Symposium on Vectors and

vector borne diseases, organized by National Institute of Malaria Research, held in Puri, India (14-18 February 2008).

19. **Moshahid A. Rizvi**; “Cancer Genetics and The Carcinoma of Cervix” (presented in the Emerging trends in Biological sciences conference held on Feb. 13-14, 2008).
20. Surendra K Prajapati, Ramie H. Begum, **Moshahid A Rizvi**, Dash AP, Joshi Hema. Towards *Plasmodium vivax* antigenic genes HapMap of Indian isolates. ASTMH (American Society for Tropical Medicine and Hygiene) 56th Annual meeting held in Philadelphia USA (3-8 November 2007).
21. Surendra K Prajapati, Joshi Hema, **Moshahid A Rizvi**, Yadav RS, Eapen Alex, Dash AP, Carlton JM. Comparison of genetic diversity and population structure of *Plasmodium vivax* between India and South East Asia using the *Apical Membrane Antigen-1* gene. Microbiology and Parasitology Retreat at Cold Spring Harbor Laboratory New York, USA (6-7 November 2006)
22. Sharma SA, Aruna S, Bhupendra N, Praveen AK, Neena V and **Moshahid A Rizvi**; Antimalarial evaluation of certain novel herbal extracts against rodent malaria parasites (presented in International conference on malaria Nov 4-6, (2006).
23. **Moshahid A Rizvi**, Sharma AS, Khan LA, Nagpal BN and Valecha Biochemical evaluation of host serum in rodent malaria infection and treatment with *Caesalpinia bundec* extract (Presented in International conference on Malaria Nov 4-6, (2006).
24. Khan M, Sohail, Kaul A, **Moshahid A. Rizvi**. And Adak T. Glutathione-s-transferase: Novel target for drug development and antioxidant status of *vivax* malaria in Indian population. (Presented in International conference on Malaria Nov 4-6, (2006).
25. Surendra K Prajapati, **Moshahid A Rizvi**, Joshi H. Impact of S/P (Sulfadoxine-Pyrimethamine) over *Plasmodium vivax* populations in Indian subcontinent. International conference on Malaria, organized by National Institute of Malaria Research, Delhi, India (4-6 November 2005).
26. Surender Prajapati, Hema Joshi, **Moshahid A Rizvi**. Point mutation in dihydrofolate reductase gene of *P. vivax*; Evidence for emerging drug resistant *P. vivax* genotype in India. Abstract Published in VII International symposium on vector and vector born diseases, held at Panjab University, Patiala. On 18- 20th Feb 2005).

27. Rahmani A, Singh S, Mehta AK, Azam S, Alam MS, **Moshahid A. Rizvi**, Mandal AK Effect of cotton fiber dust on workers in textile stitching industry, Paper presented at *International symposium on Better Air Quality*, Agra, December, (2004).
28. **Moshahid A. Rizvi** and Alok S. Sharma, "Screening of some Herbal Products against Rodent Malarial Parasite. Presented in the National Symposium on the Ecology and Biodiversity at the Department of Zoology, University of Allahabad, (Feb 2003).
29. **Moshahid A. Rizvi**, S.K. Puri & G.P. Dutta, 'The Ultrastructural Evidence on the Occurrence of Placenta like structure in the developing Oocysts of *Plasmodium yoelii*, Paper presented in Global meet on Parasitic Disease, New Delhi, India. (March 1996).
30. **Moshahid A. Rizvi**, S.K. V. Singh & G.P. Dutta 'Genetic Control of Dream or Truth' Presented at XII National Congress of Parasitology at Panji, Goa, (Jan 1995).
31. **Moshahid A. Rizvi**, S.K. Puri & G.P. Dutta, "Production and blood schizontocidal properties of 6-MFA, an inteferon inducer against rodent malaria parasite" Presented at XI National Congress of Parasitology, Udaipur, (Feb.1994).
32. **Moshahid A. Rizvi**, Abstract published on "Genetic Studies on quantitative traits of School going children of Aligarh" in National Symposium held at Aligarh, March 1991.

INVITED TALK/CHAIR IN NATIONAL OR INTERNATIONAL CONFERENCE

- **A. Lecture Delivered**

1. **Title: "Promoter hypermethylation: Major cause of loss of PTEN gene function among Indian breast cancer patients.** International Symposium on "Current Advances in Radiobiology, Stem Cells and Cancer Research" at **Jawaharlal Nehru University, New Delhi, India during 19th to 21st February, 2015.**

- 2.**Title: Golden Shower (*Cassia fistula*) Ingredient, Rhein Demonstrates Anticancer potential.** National symposium on "*GENETIC IMPROVEMENT IN HORTICULTURE CROP*"**March 10-11, 2014 UGC-SAP (DRS- PHASE 1), Department Of Botany B.R.A. Bihar University, Muzaffarpur**

3. **Title: PTEN promoter hypermethylation and incidence of Colorectal Cancer "NCBL-2013" SGPI Lucknow, 9-10 March 2013.**

4. *Cassia fistula* an Indian plant has answer for cancer therapy. Invited Lecture in National Conference on Impact of Environmental Xenobiotics on Human Health and Biodiversity" scheduled to be held on **November 2-3, 2014, Department of Zoology, National Shibli P.G. College, Azartgarh.**

B. Session Chaired:

1. National Conference on Recent Trends in Protein Structural Biology, organized by Centre for Interdisciplinary Research in Basic Sciences, Jamia Millia Islamia, New Delhi, India held on 16-18 December, 2013.

2. National Seminar on Metal Toxicity and Oxidative Stress, organised by Department of Biosciences, Jamia Millia Islamia, New Delhi, India held on 23, 24 sept 2014.

BOOKS PUBLISHED (INTERNATIONAL PUBLISHERS)

1. Cancer of Uterine Cervix and PTEN tumor suppressor gene ;

Authored by:- M. Shabbir Alam & **M. Moshahid A. Rizvi;**

Published by: LAMBERT ACADEMIC PUBLISHING, Germany. (**Feb, 2011**)

2. Evolution and genomic diversity of Plasmodium vivax;

Authored by:- Surendra Kumar Prajapati & **M. Moshahid A. Rizvi;**

Published by: LAMBERT ACADEMIC PUBLISHING, Germany. (**March, 2011**)

3. Anticancer Efficacies of Nanocarboxyplatin in Human Breast Cancer

Authored by:- Md. Asad Khan and M. Moshahid A. Rizvi

Published by:- Scholar's Press, Germany, (**2016**)

CHAPTERS IN BOOKS:

1.) Orus Ilyas, **Moshahid A. Rizvi** and S.R. Verma. (2003). Status and conservation of ungulates in Himalaya: A review. In Protected Habitats and Biodiversity, (Ed) S.R. Verma: Nature Conservators Publication 8: 1-8.

2.) **Moshahid A. Rizvi**, and S R Verma (2000) Green House gases and Global warming in nature. In Environmental Issues and Management (Ed.) P. Das and others, Nature Conservator Publication, INDIA ; 6 : 257-269. ISBN900467-4-8.

- 3.) **Moshahid A. Rizvi** , (2000) Breast Cancer : A genetic profile of an Environmental Issue. In Environmental Issues & Management (Ed): Conse P. Das and others Nature conservators Publication 6: 305-316. ISBN900467-4-8; ISBN81-900467-6-4.
- 4.) Irfan Ahmad, Asad Khan, **M. Moshahid A Rizvi (2017). Role of prebiotic and probiotic in therapy of gut cancer.** FFC (2017). Accepted
- 5) Irfan Ahmad, Hassan Mehdi, Asad Khan, **M. Moshahid A Rizvi (2017). Cancer therapy: Targeting epigenome by dietary phytochemicals.** FFC (2017). Accepted

GENERAL SCIENCE ARTICLES

1. "Amniocentesis : Technique and Tale", **Polymag** A.M.U, Aligarh.1990-91,
2. "Some Health Tips" **The Times of India**, 17.09.1994.
3. "What and How of AIDS" **The Time of India**, 30.11.1994.
4. "Genesis of Cancer" **The Time of India**, 26.04.1995.
5. "Saline way to abundance" **The Pioneer**, 26.06.1995.
6. "Virus : The Cop Killer" **Vina pani**, 1999.

WORKSHOP / TRAINING / SYMPOSIA

1. Four week workshop on "Evaluation of the Expression of the Interleukins and Interferons in cells of patients with Tropical and infectious Disease" **at Centre for Biotechnology, Anna University, Chennai, India. 1993**
2. Indo-German workshop on "**In Vitro Toxicology**" **at ITRC, Lucknow, India. 1995**
3. Indo-Japan symposium on "**Molecular Genetics and Medicine**" **at AIIMS, New Delhi, India. 1994**
4. Indian Academic of Sciences / Moving Academy organized Refresher course on "**Trends in Immunology**" for two weeks at the **Centre for Health Sciences, Pune University, Pune, 2002.**

5. **Workshop om Development of quality question paper**, Organized by **Academic Staff College**, Jamia Millia Islamia and sponsored by UGC, New Delhi from 9th – 12th March, 2002.
6. **NCERT** organized workshop for review of Urdu translation and vetting of “**Science and Technology**” Text Book for class X, 10th – 14th November 2003.
7. **NCERT** organized workshop for review of Urdu translation and vetting of “Science and Technology” Text Book for class VI & VII, 8th – 12th December 2003.
8. **NCERT** organized workshop for review of Urdu translation and vetting of “Science and Technology” Text Book for class XII, 19th – 23rd January 2004.
9. **NCERT** organized workshop for review of “Biology” Text Book for class XI & XII, 11th - 15th October, 2004
10. **NCERT** organized workshop for review of Urdu translation and vetting of “Science and Technology” Text Book for class X, 20th-24th December 2004.
11. Participated in four week UGC sponsored **Refresher Course in Life Sciences** during 27. 12. 2004 to 20. 01 2005, held at Academic Staff College, JNU New Delhi
12. Participated in four week UGC sponsored **Refresher Course in Bio-Sciences** during 18. 08. 2005 to 08. 09. 2005, held at Academic Staff College, JMI, New Delhi
13. **NCERT** organized workshop for review of Urdu translation and vetting of **Biology** Text Book for class XI, 10th – 17th May, 2005.
14. Workshop on “**Application of Molecular Biology Techniques in Reproductive Biomedicines**” under Indian Society for Comparative Endocrinology at National Institute of Health and Family Welfare from 18th to 29th October, 2010

RESEARCH PROJECTS AWARDED

1. Role of NF-kB, cytokines IL-1, IL-alpha, IL-6, IL-18, TNF-alpha cox2 and p53 for assessing the malignant potential to oral cancer and their association to therapeutic response in patients with Oral Lichen Planus and oral Radiation Induced Mucositis. (Awarded by UGC, New Delhi; 2013-2016. as CO-PI). **Completed**
2. Molecular Evaluation of PARKIN Gene in Indian Cervical Cancer Patients (Awarded by UGC, New Delhi; May, 2012) **Completed**

3. Molecular evaluation of PTEN gene in colorectal cancer patients from Northern India (Awarded by DBT, New Delhi; 2008) **Completed.**
 4. Investigation on Probiotic and Therapeutic potential of certain plants of dietary nature on mouse enteric microbes and jejunum stem cells (Awarded by Defence Research and Development Organization (DRDO), New Delhi, India; Dec. 2007) **Completed.**
 5. Molecular evaluation of PTEN gene in cervix cancer patients (Awarded by UGC, New Delhi; April, 2006) **Completed.**
 6. Identification and screening of certain herbal antimalarials from Himalayan belt against rodent malaria parasite. (Awarded by UGC, 2001, New Delhi)
 7. Ultrastructural analysis of sporogonic development of malaria parasite. (Minor project, University of Allahabad, (2001)
-

Post-doc Fellows (08)

- (1) Dr. Rehana Quareshi (DS-Kothari 2013-15)
- (2) Dr. Syed Mehdi Hassain (DS-Kothari 2014-17)
- (3) Dr. Asad Khan (DST-Young Scientist 2014-17)
- (4) Dr. Aysha Aziz Faridi (Woman Scientist, Ongoing)
- (5) Vandana Prajapati (DST-Young Scientist, Ongoing)
- (6) Dr. Sana Khan (NPDF, Ongoing)
- (7) Tarique Sarwar (NPDF, Ongoing)
- (8) Dr. Lata (NPDF, Ongoing)

PH.D. SUPERVISED (21)

1)Dr. Javid Sadrae, Foreign National from the Republic of Iran (2006), 2) Dr. Alok Suman Sharma (2007) ,3) Dr. Rekha Rani (2007), 4) Dr. U. Shreehari (2007), 5) Dr. Arshad Rehmani (2009), 6). Dr. Laxman Singh (2009),7). Dr. Krishna Kumar (2009), 8) Dr. Surendra.K. Parjapati (2009) 9) Dr. Sonia Tyagi (2010), 10) Dr. Md. Shabbir Alam (2010), 11) Dr. Rushdi Shakri (2011), 12) Dr. Nisreen Alyasiri (Foreign National, ICCR fellow) (2011), 13). Dr. Syed Jafar Mehdi (2012), 14) Dr. Feroz Akhtar (2013). 15).Dr. Md.

Irshad (2013), 16. Dr. Asgar Ali (2013), 17) Dr. Pryanka Singh (2014), 18) Dr. Zakia Kazim(2015), 19) Dr. Shilpie Biswas (2016), 20). Dr. Mohd. Irfan (2016) 21) Mr. Shahanshah khan.

PH.D UNDER SUPERVISION

1) Ms Afreen Naseem 2) Ms. Ankita Leekha 3) Mr. Zubair Bin Hafeez 4) Mr. Ahmad Parvez 5) Ms. Khushnoma Wahabi 6) KhalidUmar Fakri 7) Laraib Urooj 8) Bushra Zeya

ADMINISTRATION / EXTRA CURRICULAR SERVICES

1. Chairman Global Jamia Alumuni (GJAN) 2017
2. Member Sceretary IBSC 2013-2016
3. Chairman IBSC 2016-2019
4. Worked as Proctor, D.A.V College, Muzaffarnagar (for two years) since 1998 to 2000.
5. NSS Programme Officer since 2000 to 2001.
6. Assistant Coordinator, Graduate Course in Biotechnology, Department of Biosciences, Jamia Millia Islamia from March 2002-2006.
7. Worked as Sr. Warden SRK, SRK New and Pink Hostels, Jamia Millia Islamia since July 2004 to July 2010.