

Professor M. Moshahid Alam Rizvi,

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Current Research Field: Molecular Oncology and Therapeutics

- **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. Mzaffarpur (India) (Chemistry & Botany as subsidiary subjects).
- **National Postdoctoral Fellow (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)
- **M.Phil. and Ph.D.:** Junior and Senior Research Fellowship
- **Post Doctoral Fellowship:** IASR 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.
- **Working as Honorary Director** (Centre for Distance and Online Education (CDOE), JMI, since 15.10.2024

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)

NATIONAL/INTERNATIONAL PATENT(S) FILED/PUBLISHED/GRANTED

- Mohammad Abid, Phool Hasan, Farheen Shamsi, Imtiyaz Hassan, Bushra Zeya, M. **Moshahid A Rizvi**, A process for synthesizing 1,2,4-oxadiazole-sulfonamide Based Hybrids and Uses Thereof (Indian patent Office file number 201911037884, filled on 19-09-2019).
- **M. Moshahid A Rizvi**. Anticancer drug – DiNar: A combination of Diosmin and Naringenin and the process thereof (Indian patent Office file number 202011031417, filled on 22-07-2020)
- **M Moshahid A Rizvi**. Dosage reduction of anticancer drug Cisplatin modulated by

Thymoquinone against liver cancer cells (Indian patent Office file number 202011051115, filled on 24-11-2020)

Publications

Total Research Publication in National and International Journals: 270⁺ (Total Impact Factor: 1000⁺ & Total citation: ~8000, h-index: 47 & i10-index: 165 as on April 2025).

<https://scholar.google.co.in/citations?user=vwsZ7LIAAAAJ&hl=en>.

S. No.	Year	Title	Name of journal	Impact Factor
1.	2025	Green synthesis of biocompatible silver nanoparticles using Trillium govanianum rhizome extract: comprehensive biological evaluation and in silico analysis	<i>Materials Advances</i>	5.2
2.	2025	Beeswax-based nanoconstructs enriched dual responsive hydrogel for diabetic foot ulcers in streptozotocin-induced diabetic rats	<i>International Journal of Biological Macromolecules</i>	7.7
3.	2025	San Huang Decoction as an effective treatment for oral squamous cell carcinoma based on network pharmacology	<i>Journal of Basic Sciences</i>	00
4.	2024	Preparation of nanoformulation of 5-fluorouracil to improve anticancer efficacy: integrated spectroscopic, docking, and MD simulation approaches.	<i>Journal of Biomolecular Structure and Dynamics</i>	2.7
5.	2024	Therapeutic potential of resveratrol, a polyphenol in the prevention of liver injury induced by diethylnitrosamine (DEN) through the regulation of inflammation and oxidative stress	<i>Functional Foods in Health and Disease</i>	1.04
6.	2024	Deciphering molecular landscape of breast cancer progression and insights from functional genomics and therapeutic explorations followed by in vitro validation	<i>Scientific Reports</i>	3.8
7.	2024	Gamma-Irradiated Gum Arabic Grafted with 2-Hydroxyethyl Methacrylate: A Novel Superabsorbent Polymer for Controlled Folic Acid Release	<i>Macromolecular Rapid Communications</i>	4.2
8.	2024	GC-MS analysis of phytochemical composition and anticancer activities of methanol and aqueous extracts of <i>Bergenia ligulata</i> rhizome	<i>Journal of Food Science and Technology</i>	2.6

9.	2024	Leucocyte membrane camouflaged poly-lactico-glycolic acid (PLGA) nanoparticles containing cannabidiol and paclitaxel against breast cancer therapy	<i>Process Biochemistry</i>	3.7
10.	2024	Human Papillomavirus Type 16 Based L1, L2, E6, and E7 Peptide Microspheres Induce Encapsulated Peptide Mixture Specific Cytotoxic T Lymphocytes and Tumor Regression in a Murine Model of Cervical Cancer	<i>Cancer Screening and Prevention</i>	2.4
11.	2024	Polydatin: A Natural Compound with Multifaceted Anticancer Properties	<i>Journal of Traditional and Complementary Medicine</i>	3.3
12.	2024	Exploring cyclopropylamine containing cyanopyrimidines as LSD1 inhibitors: Design, synthesis, ADMET, MD analysis and anticancer activity profiling	<i>Bioorganic Chemistry</i>	4.5
13.	2024	Synthesis, characterization, and anticancer activity of 4,6-dichloropyrimidine chalcone hybrids and their mechanistic interaction studies with HSA: In-silico and spectroscopic investigations	<i>Journal of Molecular Structure</i>	4.0
14.	2024	Characterization of structural, genotoxic, and immunological effects of methyl methanesulfonate (MMS) induced DNA modifications: Implications for inflammation-driven carcinogenesis	<i>International Journal of Biological Macromolecules</i>	7.7
15.	2024	In vitro antifungal activity, cytotoxicity and binding analysis of imidazolium based ionic liquids with fluconazole: DFT and spectroscopic study	<i>Journal of Molecular Liquids</i>	5.3
16.	2024	Design, synthesis, biological assessment and molecular modeling studies of novel imidazothiazole-thiazolidinone hybrids as potential anticancer and anti-inflammatory agents	<i>Scientific Reports</i>	3.8
17.	2024	Eco-Friendly CuO/Fe ₃ O ₄ Nanocomposite synthesis, characterization, and cytotoxicity study	<i>Heliyon</i>	3.4
18.	2024	Anti-cancer Potential of Bioactive Compounds from <i>Moringa oleifera</i> against PARK2 in Oral Cancer protein: In silico Approach	<i>Journal of Ayurveda and Holistic Medicine</i>	00

			(JAHM)	
19.	2024	Dual pH and Ultrasound responsive Curcumin loaded g-C3N4/Ba(OH)2 nanocarrier for Chemo-Photodynamic Therapy	<i>New Journal of Chemistry</i>	2.7
20.	2024	Molecular Insights of Exonal Polymorphism in Cancer Risk	<i>Annals of Oncology Case Reports</i>	1.4
21.	2024	Optimized formulation of berberine hydrochloride loaded nanoemulgel for management of skin cancer	<i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i>	4.9
22.	2023	FBXW7 polymorphism asserts susceptibility to Colorectal Cancer	<i>Gene</i>	2.6
23.	2023	Interaction and antibacterial activity of ciprofloxacin with choline based ionic liquid and CTAB: A comparative spectroscopic study	<i>Molecular and Biomolecular Spectroscopy</i>	4.3
24.	2023	Preparation of nanoformulation of 5-fluorouracil to improve anticancer efficacy: integrated spectroscopic, docking, and MD simulation approaches	<i>Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy</i>	4.3
25.	2023	Synthesis, Characterization, and Anticancer Activity of 4, 6-Dichloropyrimidine Chalcone Hybrids and Their Mechanistic Interaction Studies with HSA: In-Silico and Spectroscopic Investigations	<i>Journal of Molecular Structure</i>	4.0
26.	2023	Interaction and antibacterial activity of ciprofloxacin with choline based ionic liquid and CTAB: A comparative spectroscopic study	<i>Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy</i>	4.3
27.	2023	Zein-laponite coacervate aided co-delivery of curcumin and cisplatin towards MDA-MB-231 breast cancer cells: Validating the concept.	<i>Food Hydrocolloids for Health</i>	4.6
28.	2023	Genetic profile of FOXO3 Single Nucleotide Polymorphism in colorectal cancer patients	<i>Oncology</i>	2.5
29.	2023	Fisetin induces apoptosis in human skin cancer cells through downregulating MTH1	<i>Journal of Biomolecular Structure and Dynamics</i>	2.7

30.	2023	A comparative study to evaluate the therapeutic effects of nutraceuticals in oral leukoplakia:- A randomized clinical trail	<i>National Journal of Maxillofacial Surgery</i>	0.5
31.	2023	Molecular hybrids based on Pyrazole and 4-Thiazolidinone cores: Synthesis, characterization, and anticancer studies	<i>Journal of Molecular Structure</i>	4.0
32.	2023	In-silico and in-vitro study reveals Ziprasidone as a potential aromatase inhibitor against breast carcinoma	<i>Scientific Reports</i>	3.8
33.	2023	Comparative Study of ZnO and-TiO ₂ -Nanoparticles-Functionalized Polyvinyl Alcohol/Chitosan Bionanocomposites for Multifunctional Biomedical Applications.	<i>Polymers</i>	5.0
34.	2023	Fabrication of Graphitic Carbon Nitride/Barium Hydroxide Nanocomposite as an Effective Anticancer Agent against MCF- 7 Cell Lines	<i>ChemistrySelect</i>	1.9
35.	2023	In silico screening, synthesis, characterization and biological evaluation of novel anticancer agents as potential COX-2 inhibitors	<i>DARU Journal of Pharmaceutical Sciences</i>	2.5
36.	2023	Polymer-lipid hybrid nanoparticles of exemestane for improved oral bioavailability and anti-tumor efficacy: An extensive preclinical investigation	<i>International Journal of Pharmaceutics</i>	5.3
37.	2023	Prospects in the use of gold nanoparticles as cancer theranostics and targeted drug delivery agents	<i>Applied Nanoscience</i>	3.2
38.	2023	MicroRNAs as master regulators of FOXO transcription factors in cancer management	<i>Life Sciences</i>	5.2
39.	2023	Verteporfin Loaded Graphitic Carbon Nitride Nanosheets for Combined Photo-Chemotherapy	<i>ACS omega</i>	1.9
40.	2023	Synthesis, Molecular Docking, and Biological Evaluation of a New Series of Benzothiazinones and Their Benzothiazinyl Acetate Derivatives as Anticancer Agents against MCF-7 Human Breast Cancer Cells and as Anti-Inflammatory Agents	<i>ACS omega</i>	3.7
41.	2023	Formulation and Development of novel lipid based combinatorial advanced nanoformulation for effective treatment of non-melanoma skin cancer	<i>International journal of pharmaceutics</i>	5.3
42.	2023	Neural crest cells development and neuroblastoma progression: Role of Wnt signaling	<i>Journal of Cellular Physiology</i>	6.5

43.	2023	Molecular structure and biological activities of 4- thiazolidinone derivatives: a combined theoretical and experimental study	<i>Phosphorus, Sulfur, and Silicon and the Related Elements</i>	1.4
44.	2023	Nizatidine interacts with ct-DNA causing genotoxicity and cytotoxicity: an assessment by in vitro, in vivo, and in silico studies	<i>Journal of Biomolecular Structure and Dynamics</i>	2.7
45.	2023	Preparation, Characterization and biochemical studies of nanoformulation of chlorambucil to enhance anticancer efficacy	<i>New Journal of Chemistry</i>	2.7
46.	2023	Neurobiology of depression in Parkinson's disease: Insights into epidemiology, molecular mechanisms and treatment Strategies	<i>Ageing research reviews</i>	12.5
47.	2022	Synthesis, characterization, anticancer and in silico studies of a pyrazole-tethered thiazolidine-2,4-dione derivative	<i>Journal of Biomolecular Structure and Dynamics</i>	2.7
48.	2022	Synthesis, Self-Aggregation, Interfacial Behavior and Interaction Studies of Non-Cytotoxic Caffeinium-Based Surface-Active Ionic Liquids with Sodium	<i>Chemistry Select</i>	1.9
49.	2022	Genomic profiling and network-level understanding uncover the potential genes and the pathways in hepatocellular carcinoma	<i>Frontiers in Genetics</i>	2.8
50.	2022	Renal cell carcinoma management: a step to nano-chemoprevention	<i>Life science</i>	5.2
51.	2022	Radioprotective potential of melatonin against 60 Co γ -ray-induced testicular injury in male C57BL/6 mice	<i>Journal of biomedical science</i>	9.0
52.	2022	Biosynthesis, characterization and biomedical potential of <i>Arthrospira indica</i> SOSA-4 mediated SeNPs	<i>Bioorganic Chemistry</i>	4.5
53.	2022	Synthesis of Silver Nano Particles Using Myricetin and the In-Vitro Assessment of Anti Colorectal Cancer Activity: In-Silico Integration	<i>International Journal of Molecular Sciences</i>	4.9
54.	2022	Brain targeted delivery of carmustine using chitosan coated nanoparticles via nasal route for glioblastoma treatment	<i>International Journal of Biological Macromolecules</i>	7.7

55.	2022	Association of Parkin with P53 expression and their prognostic significance in north Indian colorectal cancer patients	<i>Human Gene</i>	0.5
56.	2022	Association of PARK-2 non-synonyms polymorphisms and their in silico validation among north Indian colorectal cancer patients	<i>Journal of Gastrointestinal Cancer</i>	1.6
57.	2022	Molecular Docking and In Vitro Anticancer Screening of Synthesized Arylthiazole linked 2Hindol-2-one Derivatives as VEGFR-2 Kinase Inhibitors	<i>Agents in Medicinal Chemistry</i>	2.6
58.	2022	Design, synthesis, molecular docking, and biological evaluation of pyrazole hybrid chalcone conjugates as potential anticancer agents and tubulin polymerization inhibitors	<i>Pharmaceuticals</i>	4.6
59.	2022	Cytotoxic and genotoxic evaluation of dipyridamole and its alternative therapeutic potential in cancer therapy: an in vitro and in vivo approach	<i>Journal of Molecular Structure</i>	4.0
60.	2022	Interaction of memantine with calf thymus DNA: an in-vitro and in-silico approach and cytotoxic effect on the cancerous cell lines	<i>Journal of Biomolecular Structure and Dynamics</i>	
61.	2022	Diosmin in combination with naringenin enhances apoptosis in colon cancer cells	<i>Oncology Reports</i>	3.8
62.	2022	Addressing Residual Interference in Massive MIMO Utilizing Intelligent Reflecting Surfaces	<i>Procedia Computer Science</i>	
63.	2022	Expression of epithelial membrane antigen and cytokeratin among Indian workers exposed to cotton fiber dust in textile industries	<i>Eastern Mediterranean Health Journal</i>	2.1
64.	2021	Naringenin alleviates paraquat-induced dopaminergic neuronal loss in SH-SY5Y cells and a rat model of Parkinson's disease	<i>Neuropharmacology</i>	5.2
65.	2021	Injectable, Self-Healing, and Biocompatible N, O-Carboxymethyl Chitosan/Multialdehyde Guar Gum Hydrogels for Sustained Anticancer Drug Delivery,	<i>Biomacromolecules</i>	5.5
66.	2021	Parkin: A targetable linchpin in human malignancies	<i>Biochim Biophys Acta Rev Cancer (BBA)- Reviews on Cancer</i>	9.7
67.	2021	Understanding the role of potential pathways and its components including	<i>Scientific reports</i>	3.8

		hypoxia and immune system in case of oral cancer		
68.	2021	Exemestane encapsulated polymer-lipid hybrid nanoparticles for improved efficacy against breast cancer: optimization, in vitro characterization and cell culture studies	<i>Nanotechnology</i>	2.9
69.	2021	Biomedical potential of Anabaena variabilis NCCU-441 based Selenium nanoparticles and their comparison with commercial nanoparticles	<i>Scientific reports</i>	3.8
70.	2021	Biogenic synthesis, in vitro cytotoxicity, esterase activity and interaction studies of copper oxide nanoparticles with lysozyme	<i>Journal of Materials Research and Technology</i>	6.2
71.	2021	Combinatorial lipid-nanosystem for dermal delivery of 5-fluorouracil and resveratrol against skin cancer: Delineation of improved dermatokinetics and epidermal drug deposition enhancement analysis	<i>European Journal of Pharmaceutics and Biopharmaceutics</i>	4.4
72.	2021	Novel nanoemulsion gel containing triple natural bio-actives combination of curcumin, thymoquinone, and resveratrol improves psoriasis therapy: in vitro and in vivo studies	<i>Drug Delivery and Translational Research</i>	5.7
73.	2021	New horizons in the treatment of neurological disorders with tailorable gold nanoparticles	<i>Current Drug Metabolism</i>	2.9
74.	2021	Prognostic significance of PD-1/PD-L1 expression in uveal melanoma: correlation with tumor-infiltrating lymphocytes and clinicopathological parameters	<i>Cancer Immunology, Immunotherapy</i>	4.6
75.	2021	An overview of effect of lycopene and curcumin in oral leukoplakia and submucous fibrosis	<i>National Journal of Maxillofacial Surgery</i>	
76.	2021	γ -Radiation induced L-glutamic acid grafted highly porous, pH-responsive chitosan beads: A smart and biocompatible vehicle for controlled anti-cancer drug delivery	<i>International Journal of Biological Macromolecules</i>	7.7
77.	2021	In-vitro cytotoxicity, synergistic antibacterial activity and interaction studies of imidazolium-based ionic liquids with levofloxacin	<i>Journal of Molecular Liquids</i>	5.3
78.	2021	Anticancer effect of gingerol in cancer prevention and treatment	<i>Anti-Cancer Agents in Medicinal Chemistry</i>	2.6

79.	2021	Genetic Polymorphisms of FOXO3a Gene in Colorectal Cancer among North Indian Population		
80.	2021	Chitosan coated luteolin nanostructured lipid carriers: optimization, in vitro-ex vivo assessments and cytotoxicity study in breast cancer cells	<i>Coatings</i>	2.9
81.	2021	Pathophysiological implications of neuroinflammation mediated HPA axis dysregulation in the prognosis of cancer and depression	<i>Molecular and Cellular Endocrinology</i>	3.8
82.	2021	Microbial transglutaminase nanoflowers as an alternative nanomedicine for breast cancer theranostics	<i>RSC advances</i>	3.9
83.	2021	Biofabricated platinum nanoparticles: therapeutic evaluation as a potential nanodrug against breast cancer cells and drug-resistant bacteria	<i>RSC advances</i>	3.9
84.	2021	Facile green bio-fabricated silver nanoparticles from <i>Microchaete</i> infer dose-dependent antioxidant and anti-proliferative activity to mediate cellular apoptosis	<i>Bio-Organic Chemistry</i>	4.5
85.	2021	Design and synthesis of pyrazole– pyrazoline hybrids as cancer associated selective COX ₂ inhibitors	<i>Archiv der Pharmazie</i>	4.3
86.	2021	Molecular Docking and In Vitro Anticancer Screening of Synthesized Arylthiazole linked 2H-indol-2-one Derivatives as VEGFR-2 Kinase Inhibitors	<i>Anti-cancer Agents in Medicinal Chemistry</i>	2.6
87.	2021	Prognostic significance of immune checkpoints in the tumour–stromal microenvironment of sebaceous gland carcinoma	<i>British Journal of Ophthalmology</i>	3.8
88.	2020	Effect of chitosan coating on PLGA nanoparticles for oral delivery of thymoquinone: in vitro, ex vivo, and cancer cell line assessments	<i>Coatings</i>	2.9
89.	2020	Improved chemotherapeutic efficacy against resistant human breast cancer cells with codelivery of Docetaxel and Thymoquinone by Chitosan grafted lipid nanocapsules: Formulation optimization, in vitro and in vivo studies	<i>Colloids and Surfaces B: Biointerfaces</i>	5.4
90.	2020	β -citronellol alters cell surface properties of <i>Candida albicans</i> to influence pathogenicity related trait	<i>Medical mycology</i>	2.7

91.	2020	Synthesis, characterization, comparative antidiarrhoeal efficacy and cytotoxicity studies of biosynthesized silver nanoparticles by using <i>Glycyrrhiza glabra</i> root	Advanced Science, Engineering and Medicine	0.3
92.	2020	Polymer-lipid hybrid nanoparticles: A next-generation nanocarrier for targeted treatment of solid tumors	<i>Current Pharmaceutical Design</i>	3.1
93.	2020	Design, synthesis & biological evaluation of ferulic acid-based small molecule inhibitors against tumor-associated carbonic anhydrase IX	<i>Bioorganic & Medicinal Chemistry</i>	3.3
94.	2020	Effect of chitosan coating on PLGA nanoparticles for oral delivery of thymoquinone: In vitro, ex vivo, and cancer cell line assessments	<i>Coatings</i>	2.9
95.	2020	Peroxynitrite-Mediated Structural Changes in Histone H2A: Biochemical and Biophysical Analysis	<i>Protein and Peptide Letters</i>	2.4
96.	2020	Synergistic antimicrobial activity of N-methyl substituted pyrrolidinium-based ionic liquids and melittin against Gram-positive and Gram-negative bacteria	<i>Applied Microbiology and Biotechnology</i>	3.9
97.	2020	Topical nanostructured lipid carrier gel of quercetin and resveratrol: Formulation, optimization, in vitro and ex vivo study for the treatment of skin cancer	<i>International Journal of Pharmaceutics</i>	5.3
98.	2020	3-(4-(Benzyloxy) phenyl)-1-phenyl-5-(heteroaryl/aryl)-3,4-dihydro-1H,2H-[3,4-bipyrazole]-2-carboxamides as EGFR kinase inhibitors: Synthesis, anticancer evaluation, and molecular docking studies	<i>Archiv der Pharmazie</i>	4.3
99.	2020	Synthesis and SAR studies of novel 1, 2, 4-oxadiazole-sulfonamide based compounds as potential anticancer agents for colorectal cancer therapy	<i>Bioorganic Chemistry</i>	4.5
100.	2020	A selective D2 dopamine receptor agonist alleviates depression through up-regulation of tyrosine hydroxylase and increased neurogenesis in hippocampus of the prenatally stressed rats	<i>Neurochemistry International</i>	4.4
101.	2020	Noncovalent Conjugates of Ionic Liquid with Antibacterial Peptide Melittin: An Efficient Combination against Bacterial Cells	ACS Omega	3.7
102.	2020	Comparative in vitro cytotoxicity and binding investigation of artemisinin and its biogenetic precursors with ctDNA	RSC Advances	3.9

103.	2020	Clinical-relevance of the comparative expression of immune checkpoint markers with the clinicopathological findings in patients with primary and chemoreduced retinoblastoma	Cancer Immunology, Immunotherapy	4.6
104.	2020	Implication of alterations in Parkin gene among North Indian patients with colorectal cancer	The Turkish Journal of Gastroenterology	1.4
105.	2020	Self-Healing and Injectable Hydrogels for Anticancer Drug Delivery: A Study with Multialdehyde Gum Arabic and Succinic Anhydride Chitosan	ACS Applied Bio Materials	4.6
106.	2020	Fabrication of chlorambucil loaded graphene-oxide nanocarrier and its application for improved antitumor activity	<i>Biomedicine & Pharmacotherapy</i>	6.9
107.	2020	Evaluating the role of local host factors in the candidal colonization of oral cavity: A review update	<i>National Journal of Maxillofacial Surgery</i>	0.5
108.	2020	β -citronellol alters cell surface properties of <i>Candida albicans</i> to influence pathogenicity related traits	<i>Medical mycology</i>	2.7
109.	2020	Genetic variants of epidermal growth factor receptor (EGFR) and their association with colorectal cancer risk in North Indian population	<i>Gene Reports</i>	1.0
110.	2019	Pharmacophore modeling, 3D-QSAR, docking study and ADME prediction of acyl 1, 3, 4thiadiazole amides and sulfonamides as antitubulin agents	Arabian Journal of Chemistry	6.09
111.	2019	Association of PARK2 promoter polymorphisms and methylation with colorectal cancer in North Indian population	Gene	2.6
112.	2019	Synthesis and mechanistic studies of diketo acids and their bioisosteres as potential antibacterial agents	European Journal of Medicinal Chemistry	6.0
113.	2019	Association between PARK2 Intronic SNP rs10945859 and Colorectal Cancer in North Indian Population	<i>International Journal of Health Sciences and Research</i>	7.6
114.	2019	PTEN genetic and epigenetic alterations define distinct subgroups in North Indian breast cancer patients	Asian Pacific Journal of Cancer Prevention: APJCP	1.5
115.	2019	Synthesis, Anticancer Evaluation and DNA-Binding Spectroscopic Insights of Quinoline-Based 1, 3, 4-Oxadiazole, 1, 2, 3-triazole	Chemistry Select	1.9

		Conjugates		
116.	2019	Synthesis, structural and biological activity of N-substituted 2-methyl-4-/5nitroimidazole derivatives	Journal of Molecular Structure	4.0
117.	2019	Synthesis, Characterization, Molecular Docking, and Anticancer Evaluation of 4-Thiazolidinone Analogues	<i>Journal of Heterocyclic Chemistry</i>	2.4
118.	2019	Unveiling novel diphenyl-1Hpyrazole based acrylates tethered to 1, 2, 3- triazole as promising apoptosis inducing cytotoxic and anti-inflammatory agents	<i>Bioorganic Chemistry</i>	4.5
119.	2019	Interaction of Immune Checkpoints in Tumor-Stromal Microenvironment of Primary and Chemoreduced Retinoblastoma	<i>Investigative Ophthalmology & Visual Science</i>	5.0
120.	2019	Parkin gene mutations are not common, but its epigenetic inactivation is a frequent event and predicts poor survival in advanced breast cancer patients	<i>BMC cancer</i>	3.4
121.	2019	Chrysin Sensitizes Human Lung Cancer Cells to Tumour Necrosis Factor Related Apoptosis-Inducing Ligand (TRAIL) Mediated Apoptosis	<i>Asian Pacific Journal of Cancer Biology</i>	1.8
122.	2019	Periodate-Modified Gum Arabic Cross- linked PVA Hydrogels:A Promising Approach toward Photoprotection and Sustained Delivery of Folic Acid	<i>ACS omega</i>	3.7
123.	2019	Synthesis and mechanistic studies of diketo acids and their bioisosteres as potential antibacterial agents	<i>European journal of medicinal chemistry</i>	4.0
124.	2019	Evaluation of antioxidant and anti-proliferative efficacy of Nostoc muscorum NCCU-442	<i>Biocatalysis and Agricultural biotechnology</i>	3.4
125.	2019	In Vitro cytotoxicity and interaction of noscapine with human serum albumin: Effect on structure and esterase activity of HSA	<i>Molecular pharmaceuticals</i>	4.5
126.	2019	In vitro assessment of cytotoxic and apoptotic potential of palmitic acid for breast cancer treatment	<i>International Journal of Life Sciences Research</i>	00
127.	2019	PTEN Genetic and Epigenetic Alterations Define Distinct Subgroups in North Indian Breast Cancer Patients	<i>Asian Pacific journal of cancer prevention: APJCP</i>	1.5

128.	2018	Phytochemical based nanomedicines against cancer: current status and future prospects	<i>Journal of drug targeting</i>	4.3
129.	2018	Impact of hydroxyl radical modified-human serum albumin autoantigens in systemic lupus erythematosus	<i>Current Protein and Peptide Science</i>	2.5
130.	2018	Chrysin: A promising anticancer agent its current trends and future imedpub journals chrysin: A promising anticancer agent its current trends and future perspectives	<i>European Journal of Experimental Biology</i>	3.6
131.	2018	Exploring the Bio-efficacies of Methanolic Extracts of Nostoc muscorum and Calothrix brevisissima with their Characterization Using GC-MS	<i>The Natural Products Journal</i>	0.7
132.	2018	Natural product-based 1, 2, 3triazole/sulfonate analogues as potential chemotherapeutic agents for bacterial infections	<i>ACS omega</i>	3.7
133.	2018	Antioxidant and apoptotic effects of Callistemon lanceolatus leaves and their compounds against human cancer cells	<i>Biomedicine & Pharmacotherapy</i>	6.9
134.	2018	Synergistic Interaction of Rutin and Silibinin on Human Colon Cancer Cell Line	<i>Archives of medical research</i>	4.7
135.	2018	The Upshot of PI3K Inhibitors as Anticancer Arsenal: A Short Review	<i>Current Bioactive Compounds</i>	0.8
136.	2018	pH-Responsive Biocompatible Nanocomposite Hydrogels for Therapeutic Drug Delivery	<i>ACS Applied Bio Materials</i>	4.6
137.	2018	Na-Montmorillonite-Dispersed Sustainable Polymer Nanocomposite Hydrogel Films for Anticancer Drug Delivery	<i>ACS omega</i>	3.7
138.	2018	Parkin in Parkinson's disease and cancer: a double-edged sword	<i>Molecular neurobiology</i>	4.6
139.	2018	N-Substituted 1,2, 3-TriazolylAppended Indole Chalcone Hybrids as Potential DNA Intercalators Endowed with Antioxidant and Anticancer Properties	<i>Chemistry Select</i>	1.9
140.	2018	Antioxidative and anti- proliferative potential of Curculigo orchoides Gaertn in oxidative stress induced cytotoxicity:In vitro, ex vivo and in silico studies	<i>Food and chemical toxicology</i>	3.9
141.	2018	Physicochemical characterization of curcumin loaded chitosan nanoparticles: Implications in cervical cancer	<i>Anti-Cancer Agents in Medicinal Chemistry</i>	2.6

142.	2018	Biocompatible and mechanically robust nanocomposite hydrogels for potential applications in tissue engineering	<i>Materials Science and Engineering: C</i>	8.0
143.	2017	Production and characterization of polyhydroxybutyrate biopolymer from <i>Azohydromonas australica</i> using sucrose as a sole carbon source	<i>Journal of Microbial & Biochemical Technology</i>	5.8
144.	2017	Melatonin attenuates 60Co γ -induced hematopoietic, immunological and gastrointestinal injuries in C57BL/6 male mice	<i>Environmental toxicology</i>	4.4
145.	2017	Experimental and theoretical studies of a pyrazole-thiazolidin-2, 4-di-one hybrid	<i>Journal of Molecular Structure</i>	4.0
146.	2017	New curcumin-loaded chitosan nanocapsules: in vivo evaluation	<i>Planta Medica</i>	2.7
147.	2017	Synthesis, stereochemistry determination, pharmacological studies and quantum chemical analyses of bithiazolidinone derivative	<i>Journal of Molecular Structure</i>	4.0
148.	2017	Molecular interactions of dioxins and DLCs with the ketosteroid receptors: an in silico risk assessment approach	<i>Toxicology, mechanisms and methods</i>	2.8
149.	2017	Therapeutic evolution of benzimidazole derivatives in the last quinquennial period	<i>European Journal of Medicinal Chemistry</i>	6.0
150.	2017	Characterization and carboplatin-loaded chitosan nanoparticles for the chemotherapy against breast cancer: in vitro studies	<i>International Journal of Biological Macromolecules</i>	7.7
151.	2017	Peroxynitrite-modified histone as a pathophysiological biomarker in autoimmune diseases.	<i>Biochimie</i>	3.3
152.	2017	Genetic and epigenetic alterations affecting PARK-2 expression in cervical neoplasm among North Indian patients	<i>Tumor Biology</i>	1.7
153.	2017	Computational and experimental studies of 4-thiazolidinone cyclopropyl hybrid	<i>Journal of Molecular Liquids</i>	5.3
154.	2017	Design and development of a biocompatible montmorillonite-PLGA nanocomposite to evaluate in vitro oral delivery of insulin	<i>Applied Clay Science</i>	5.3
155.	2017	Nitration of H2B histone elicits an immune response in experimental animals	<i>Autoimmunity</i>	3.3

156.	2017	New insights into the antioxidant and apoptotic potential of <i>Glycyrrhiza glabra</i> L. during hydrogen peroxide-mediated oxidative stress: an in vitro and in silico evaluation	<i>Biomedicine & Pharmacotherapy</i>	6.9
157.	2017	Genotoxic effect and antigen binding characteristics of SLE auto-antibodies to peroxynitrite-modified human DNA	<i>Archives of Biochemistry and Biophysics</i>	3.8
158.	2017	Expression Analysis of p53 and Cyclooxygenase-2 in Oral Lichen Planus	<i>International Journal of Health Sciences and Research</i>	0.7
159.	2017	Association of mitochondrial copy number variation and T16189C polymorphism with colorectal cancer in the North Indian population	<i>Tumor Biology</i>	1.7
160.	2017	Assessment of epigenetic alterations and in silico analysis of mutation affecting PTEN expression among Indian cervical cancer patients	<i>Journal of cellular Biochemistry</i>	3.0
161.	2016	MANET Parameter Analysis and its Impact on Next Generation Network	<i>International Journal of Future Generation Communication and Networking</i>	00
162.	2016	Monocyclic β -lactam and unexpected oxazinone formation: synthesis, crystal structure, docking studies and antibacterial evaluation	<i>Journal of enzyme inhibition and medicinal chemistry</i>	5.6
163.	2016	Effect of novel triazole–amino acid hybrids on growth and virulence of <i>Candida</i> species: in vitro and in vivo studies	<i>Organic & Biomolecular Chemistry</i>	2.9
164.	2016	Vitamin C in synergism with cisplatin induces cell death in cervical cancer cells through altered redox cycling and p53 upregulation	<i>Journal of Cancer Research and Clinical Oncology</i>	2.7
165.	2016	Chondroitin sulfate-capped super-paramagnetic iron oxide nanoparticles as potential carriers of doxorubicin hydrochloride	<i>Carbohydrate polymers</i>	10.7
166.	2016	Study of apoptosis-related interactions in colorectal cancer	<i>Tumor Biology</i>	1.7
167.	2016	Profiling of pro-inflammatory cytokines in radiation induced oral mucositis (riom) among indian patients	<i>Brazilian Journal of Oral Sciences</i>	0.18

168.	2016	Continued persistence of ECSA genotype with replacement of K211E in E1 gene of Chikungunya virus in Delhi from 2010-2014	<i>Asian Pacific Journal of Tropical Disease</i>	00
169.	2016	Nutraceuticals as chemopreventive and therapeutic agents in gut associated pathogenesis	<i>Biochemistry & Analytical Biochemistry</i>	1.27
170.	2016	Food and feeding habits of peacock eel, <i>Macrognathus aculeatus</i> (Bloch, 1786) from Eastern Uttar Pradesh, Indi	<i>International journal of fisheries and aquatic studies</i>	0.4
171.	2016	Enhanced anti-tumor efficacy of paclitaxel with PEGylated lipidic nanocapsules in presence of curcumin and poloxamer: In vitro and in vivo	<i>Pharmacological Research</i>	9.1
172.	2016	Allelic loss at PTEN locus lead to progression of colorectal carcinoma among North Indian patients	<i>Biomarkers</i>	2.0
173.	2016	Characterization and antiproliferative activity of curcumin loaded chitosan nanoparticles in cervical cancer	<i>International Journal of Biomacromolecules</i>	7.7
174.	2016	Evaluation of sesamol- induced histopathological, biochemical, haematological and genomic alteration after acute oral toxicity in female C57BL/6 mice	<i>Toxicology Reports</i>	3.9
175.	2016	Mutation analysis of EGFR and its correlation with the HPV in Indian cervical cancer patients	<i>Tumor Biology</i>	1.7
176.	2016	Role of peroxy nitrite induced structural changes on H2B histone by physiochemical method	<i>International journal of Biological Macromolecules</i>	7.7
177.	2015	Nanotechnology based inhalation treatment for lung cancer: State of the Art	<i>Nanotechnology, Science and Applications</i>	4.9
178.	2015	Protective effect of sesamol against 60Co γ -ray-induced hematopoietic and gastrointestinal injury in C57BL/6 male mice	<i>Free radical research</i>	3.6
179.	2015	Redox cycling of endogenous copper by ferulic acid leads to cellular DNA breakage and consequent cell death: A putative cancer chemotherapy mechanism	<i>Toxicology and Applied Pharmacology</i>	3.3
180.	2015	Radioprotective potential of melatonin against 60C γ -ray-induced testicular injury in male C57BL/6 mice	<i>Journal of Biomedical Science</i>	8.5
181.	2015	Relief of Oxidative Stress Using Curcumin and Glutathione Functionalized ZnO Nanoparticles	<i>Journal of Biomedical Nanotechnology</i>	0.8

182.	2015	Ethyl acetate Salix alba leaves extract-loaded chitosan-based hydrogel film for wound dressing applications	<i>Journal Of Biomaterials Science-Polymer Edition</i>	3.6
183.	2015	Monocyclic β -lactam and unexpected oxazinone formation: Synthesis, crystal structure, docking studies and antibacterial evaluation	<i>Journal of Enzyme Inhibition and Medicinal Chemistry</i>	5.6
184.	2015	Diketo acids and their amino acid/dipeptidic analogues as promising scaffolds for the development of bacterial methionine aminopeptidase inhibitors	<i>RSC Advances</i>	3.9
185.	2015	EMT in cervical cancer: its role in tumor progression and response to therapy	<i>Cancer letters</i>	9.1
186.	2014	Antioxidant capacity and phenolic content of the aqueous extract of commonly consumed cucurbits	<i>International Journal of Food Properties</i>	3.1
187.	2014	Mutational and expressional analyses of PTEN gene in colorectal cancer from Northern India	<i>Molecular Carcinogenesis</i>	3.0
188.	2014	Rice bran phytic acid induced apoptosis through regulation of Bcl-2/Bax and p53 genes in HepG2 human hepatocellular carcinoma cells	<i>Asian Pacific Journal of Cancer Prevention</i>	2.5
189.	2014	Collagen loaded nano-sized surfactant based dispersion for Topical application: formulation development, characterization and safety study	<i>Pharmaceutical development and technology</i>	2.6
190.	2014	Anticarcinogenic activity of rice bran phytic acid against human breast cancer cell line (MCF-7)	<i>Asian Journal of Pharmaceutical and Clinical Research</i>	0.2
191.	2014	Rhein induced cell death and apoptosis through caspase dependent and associated with modulation of p53, bcl-2/bax ratio in human cell line	<i>International Journal of Pharmacy and Pharmaceutical Sciences</i>	2.1
192.	2014	Phytochemical Composition of Cassia fistula Fruit Extracts and its Anticancer Activity Against Human Cancer Cell Lines	<i>Journal of Biologically Active Products from Nature</i>	0.9
193.	2013	Composition of Cassia fistula oil and its antifungal activity by disrupting ergosterol biosynthesis	<i>Natural product communications</i>	1.4
194.	2013	Association of epigenetic alteration in PTEN gene with colorectal cancer progression among Indian population	<i>International journal of colorectal disease</i>	2.5

195.	2013	Aberrant promoter methylation of PTEN gene among Indian patients with oral squamous cell carcinoma	<i>The International Journal of Biological Markers</i>	2.3
196.	2013	Modulation of growth and proton pumping ATPase activity of probiotic Lactobacilli by dietary cucurbits	<i>Journal of Proteins & Proteomics</i>	1.0
197.	2013	Implication of androgen receptor in urinary bladder cancer: a critical mini review	<i>International Journal of Molecular Epidemiology and Genetics</i>	1.5
198.	2013	Antimicrobial and Cytotoxic Activities of Cynobacteria	<i>International Journal of Innovative Research in Science, Engineering and Technology</i>	8.5
199.	2013	Effect of biologically synthesized silver nanoparticles on human cancer cells	<i>Science of Advanced Materials</i>	0.9
200.	2013	Neutral Polymorphisms in Putative Housekeeping Genes and Tandem Repeats Unravels the Population Genetics and Evolutionary History of Plasmodium vivax in India	<i>PLOS Neglected tropicaldisease</i>	3.4
201.	2013	Current research and clinical trials for a vaccine against Chikungunya virus	<i>Vaccine: Development and Therapy</i>	3.0
202.	2013	Collagen loaded nano-sized surfactant based dispersion for topical application: formulation development, characterization and safety study	<i>Pharmaceutical Development and Technology</i>	2.6
203.	2013	Biocompatible nano structure magnesiumoxide-chitosanplatform for genosensing application	<i>Biosensors and Bioelectronics</i>	10.7
204.	2013	Antibacterial and Cytotoxic effect of Magnesium Oxide nanoparticles on bacterial and human cells	<i>Journal of Nanoengineering and Nanomanufacturing</i>	00
205.	2012	Allelic loss of 10q23. 3, the PTEN gene locus in cervical carcinoma from Northern Indian population	<i>Pathology & Oncology Research</i>	2.3
206.	2012	HPV typing and its relation with apoptosis in cervical carcinoma from Indian population	<i>Tumor Biology</i>	1.7
207.	2012	The first dominant cocirculation of both dengue and chikungunya viruses during the post-monsoon period of 2010 in Delhi, India	<i>Epidemiology & Infection</i>	4.2

208.	2012	Therapeutic action of curcumin loaded chitosan nanoparticles for cervical cancer	<i>Current Research & Reviews on Cervical Cancer</i>	00
209.	2012	Development of quantitative receptor-ligand binding assay for use as a tool to estimate immune responses against Plasmodium vivax Duffy binding protein region II	<i>Journal of Immunoassay and Immunochemistry</i>	0.3
210.	2012	Clinicopathological significance of PTEN and bcl2 expressions in oral squamous cell carcinoma	<i>International Journal of Clinical and Experimental Pathology</i>	1.6
211.	2012	Effect of Biologically Synthesize Silver Nanoparticles on Human Cancer Cells	<i>Science of Advanced Materials</i>	1.4
212.	2012	Comparative Analysis of the Antioxidant Activity of Cassia fistula Extracts	<i>International Journal of Medicinal Chemistry</i>	2.5
213.	2012	Northward movement of East Central South African Genotype of Chikungunya virus causing an epidemic between 2006-2010 in India	<i>The Journal of Infection in Developing Countries</i>	2.5
214.	2012	PTEN-mediated AKT activation contributes to the reduced apoptosis among Indian oral squamous cell carcinoma patients	<i>Journal of Cancer Research and Clinical oncology</i>	2.7
215.	2012	Expressional evaluation of Endothelial Growth Factor (VEGF) protein in urinary bladder carcinoma patients exposed to cigarette smoke	<i>International Journal of Clinical and Experimental Pathology</i>	1.6
216.	2011	Parkin gene alterations in ovarian carcinoma from northern Indian population	<i>Pathology & Oncology Research</i>	0.3
217.	2011	Immunohistochemical Detection of Estrogen Receptor and Progesterone Receptor in Urinary Bladder Carcinoma Patients	<i>International Journal of Current Pharmaceutical Research</i>	4.7
218.	2011	The tumor suppressor gene PTEN/MMAC1 signaling in brain tumors	<i>Biochem. Cell. Arch.</i>	0.1
219.	2011	Promoter methylation and PTEN gene silencing in Cervical Squamous Cell Carcinoma from north Indian population	<i>Biochem. Cell. Arch.</i>	0.1
220.	2011	The first dominant co-circulation of both dengue and chikungunya viruses during the post-monsoon period of 2010 in Delhi, India	<i>Epidemiology and Infection</i>	2.4
221.	2011	Plasmodium vivax lineages: Geographical distribution, tandem repeat polymorphism,	<i>Malaria Journal</i>	2.9

		phylogenetic relationship		
222.	2011	Expressional Evaluation of Androgen Receptor in Transitional Cell Carcinoma of Urinary Bladder Patients	<i>British Journal of Medicine & Medical Research</i>	6.0
223.	2011	Paraffin Sections of Sputum Block: Description of a New Method for Pathological and Molecular Study	<i>British Journal of Medicine & Medical Research</i>	6.0
224.	2011	Aberrant promoter methylation and inactivation of PTEN gene in cervical carcinoma from northern Indian population	<i>Journal of Cancer Research and Clinical oncology</i>	2.7
225.	2011	Allelic loss at 10q23.3, the PTEN gene locus in cervical carcinoma from northern Indian population	<i>Pathology and Oncology Research</i>	2.8
226.	2011	Oral delivery of curcumin bound to chitosan nanoparticles cured Plasmodium yoelii infected mice	<i>Biotechnology Advances</i>	12.1
227.	2011	Anticandidal activity of Cassia fistula and its effect on ergosterol biosynthesis	<i>Pharmaceutical Biology</i>	3.5
228.	2011	Nutritional and Medicinal Potential of Lagenaria siceraria	<i>International Journal of Vegetable Science</i>	0.9
229.	2011	Cytotoxic effect of Carvacrol on human cervical cancer cells	<i>Biology and Medicine</i>	0.1
230.	2010	Phytochemical Screening and High Performance TLC Analysis of Some Cucurbits	<i>Research Journal of Phytochemistry</i>	4.0
231.	2010	Allelic loss at 6q25-27, the Parkin tumor suppressor gene locus in cervical carcinoma	<i>Medical Oncology</i>	3.0
232.	2010	Bioefficacies of Cassia fistula: an Indian labrum	<i>African journal of Pharmacy and Pharmacology</i>	0.5
233.	2010	Phytochemical screening and High Performance TLC Analysis of some Cucurbits	<i>Research Journal of Phytochemistry</i>	0.6
234.	2010	Assessment of Anthelmintic activity of Cassia fistula L. Middle East	<i>Journal of Scientific Research</i>	4.0
235.	2009	Recent developments in cancer therapy by the use of nanotechnology	<i>Digest Journal of Nanomaterials & Biostructures</i>	0.8
236.	2009	Catechol Biodegradation by Pseudomonas Strain: A critical analysis	<i>International Journal of Chemical Sciences</i>	1.4
237.	2009	Augmentation of Antioxidant Defense System by Tinospora cordifolia: Implications in Radiation Protection (2009)	<i>Journal of Complementary and Integrative Medicine</i>	1.2

238.	2009	Bioefficacies of <i>Cassia fistula</i> : An Indian labrum	<i>African Journal of Pharmacy and Pharmacology</i>	0.6
239.	2009	Metagenomics - An advanced approach for cultivable micro-organism	<i>Biotechnology and Molecular Biology Reviews</i>	2.0
240.	2009	Wash resistance and efficacy of three long-lasting insecticidal nets assessed from bioassays on <i>Anopheles culicifacies</i> and <i>Anopheles stephensi</i>	<i>Tropical Medicine & International Health</i>	3.0
241.	2009	Anti-inflammatory activity of <i>Calotropis gigantea</i> and <i>Tridax procumbens</i> on Carrageenin- induced paw edema in rats	<i>Ethnobotanical Leaflets</i>	
242.	2009	Distinct pattern of mutations of conserved regions of TP53 in colorectal cancer patients in the Kashmir population: an emerging high-risk area	<i>Ecancermedical science</i>	1.8
243.	2008	<i>Tinospora cordifolia</i> Protects Mouse Peritoneal Macrophages from LPS- Induced Death	<i>Journal of Complementary and Integrative Medicine</i>	1.2
244.	2008	Magnetotherapy: Changes in the Nature of Biomolecules under a Constant Magnetic Field	<i>Journal of Complementary and Integrative Medicine</i>	1.2
245.	2008	High mobility group box (HMGB) proteins of <i>Plasmodium falciparum</i> : DNA binding proteins with pro-inflammatory activity	<i>Parasitology international</i>	1.5
246.	2008	Allelic variations in 5, 10-methylenetetrahydrofolate reductase gene and susceptibility to cervical cancer in Indian women	<i>Drug Metabolism Letter</i>	1.2
247.	2007	Allelic polymorphism in the <i>Plasmodium vivax</i> dihydrofolate reductase gene among Indian field isolates	<i>Clinical microbiology and infection</i>	10.9
248.	2007	Effect of <i>Tinospora cordifolia</i> on gamma ray induce perturbations in macrophages & Splenocytes	<i>Journal of Radiation Research</i>	1.9
249.	2007	Efficacy of PermaNET2.0 against <i>Anopheles culicifacies</i> and <i>Anopheles stephensi</i> , Malaria vector in India	<i>Journal of the American Mosquito Control Association</i>	0.8
250.	2007	Impact of Olyset Nets on malaria transmission in India	<i>Journal of Vector Borne Diseases</i>	2.1
251.	2006	Changes in bacterial profile during amebiasis: demonstration of anaerobic bacteria in ALA pus samples	<i>The American Journal of Tropical Medicine & Hygiene</i>	3.7

252.	2006	High prevalence of superinfection with anaerobic bacteria in un-intervened amebic liver abscess: a prospective study	<i>Journal of gastroenterology and hepatology</i>	4.1
253.	2006	Designing and validation of genus-specific primers for human gut flora study	<i>E Journal of Biotechnology</i>	2.6
254.	2006	Allelic dimorphism of Plasmodium vivax gam-1 in the Indian sub- continent	<i>Malaria Journal</i>	2.6
255.	2006	Improvement in yield and purity of a recombinant malaria vaccine candidate based on the receptor-binding domain of Plasmodium vivax Duffy binding protein by codon optimization	<i>Biotechnology Letters</i>	1.9
256.	2006	Cryptosporidium, The Etiologic Parasite Cause of Diarrhea In the Hiv-Infected Patients with Cd<200 Cell/Mm ³ (In Delhi. India)	<i>Daneshvar Medicine</i>	00
257.	2005	Treatment of Pregnancy Induced Hypertension with Intravenous Nitroglycerine: A Randomized, Double Blind Placebo Controlled Study	<i>Journal of the American College of Cardiology</i>	24.0
258.	2005	Diarrhea, CD4+ Cell counts and opportunistic protozoans in Indian HIV- infected patients	<i>Parasitology Research</i>	1.8
259.	2004	Effect of a fractionated extract of Podophyllum hexandrum on radiation-induced cellular damage	<i>Indian Journal of Radiation Research</i>	1.6
260.	2004	Effects of Tinospora cordifolia on macrophage function: a possible role in radioprotection	<i>Indian Journal of Radiation Research</i>	1.6
261.	2004	Tissue Schizonto cidal efficacy of novel anti malarial compound against <i>P.yoelii Nigeriensis</i>	<i>Proceedings of the National Academy of Sciences India</i>	1.2
262.	2003	Pharmacokinetics and Toxicity of Standard Antimalarial Agents	<i>Journal Natcon</i>	
263.	2002	Susceptibility of alpha-haemolytic escherichia coli to intracellular killing in polymorphonuclear leucocytes	<i>Indian journal of pathology and microbiology</i>	0.7
264.	2002	Assessment of Antimalarial Chemotherapeutic Agents and Human Malaria	<i>Journal of Experimental Zoology India</i>	2.5
265.	2001	Chemotherapy, a potential control measure in human malaria	<i>Journal Natcon.</i>	00
266.	1999	Sporogonic Development of Plasmodia: Under Electron Microscope	<i>Journal of Experimental</i>	00

			<i>Zoology India</i>	
267.	1999	Purification of Heat Stable Enterotoxin of Escherichia coli: A Toxioid Antidiarrheal Vaccine	<i>Journal Natcon</i>	00
268.	1998	Elimination of Quinoline Antibiotics Carryover by use of Antibiotic Removal Beads	Journal of Basic and Applied Sciences	00
269.	1997	Efficacy of a novel Interferon inducer on blood stage multi drug resistance rodent malaria parasite Plasmodium yoelii	Journal of Basic and Applied Sciences	00
270.	1997	Colonization factor Antigen I and Enterotoxin production among somatic antigen groups of Escherichia coli strains	Journal Natcon	00
271.	1997	Expression of Polygenic Traits among school going children of Aligarh, India	Journal Natcon	00
272.	1995	Antimalarial Spectrum of 6-MFA an Interferon inducer against rodent malaria parasite	<i>Journal Parasitic Disease</i>	0.6

REVIEWER OF INTERNATIONAL JOURNALS

- Anti-cancer agents in Medicinal Chemistry (Executive Guest Editor)
 - Frontiers in cellular and infection Microbiology
 - Inflammopharmacology
 - DNA and Cell Biology
 - African Journal of Microbiology Research.
 - African Journal of Pharmacy and Pharmacology
- (And many more on routine requests)

PRESENTATIONS/ABSTRACTS

1. Bhat ZI, Imtiyaz K, Rizvi MA. Interplay of Parkin, a tumor suppressor in metabolic deregulation of cancer. *Cancer Res* 2019; 79:5302-5302. (Impact Factor: 12.701).
2. Singh L, Singh MK, Pushker N, Bakhshi S, Rizvi MA, Sen S, Kashyap S*. 1191P Immune checkpoints and T-lymphocytes as immunotherapeutic target in the treatment of sebaceous gland carcinoma. *Annals of Oncology*. 2018 Oct 1;29 (suppl_8):mdy288-064. (Impact Factor: 32.976)
3. Hafeez ZB, Fakhri KU, Iqbal Z, Rizvi MA*. 5P PARK2 deficiency promotes cervical tumorigenesis by deregulation in cyclin activity via P53 dependent pathway. *Annals of Oncology*. 2017 Nov 1;28(suppl_10):mdx652-004. (Impact Factor: 32.976)
4. Mohammad A, Hasan P, Pillalamarry V, Irfan M, Perwez A, Ahmad B, Yadava U, Rizvi M, Daniliuc C, Maguire R, Rizvi MA, Kavanagh K, Abid M*. Diketo acids and their hybrid bioisoster derivatives as bacterial biofilm and Methionine Aminopeptidase (MetAP) inhibitors. American Chemical Society,

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5. Singh L, Kashyap S, Sen S, Rizvi MA*. Expression Pattern of Immune Checkpoints PD-1 and PD-L1 in Retinoblastoma and ITS Prognostic Significance. In *pediatric blood & cancer* 2017 Nov 1 (Vol. 64, pp. S278-S278). 111 RIVER ST, HOBOKEN 07030-5774, NJ USA: WILEY. (Impact Factor: 3.167).
6. Singh L, Kashyap S, Pushker N, Bakhshi S, Sen S, Rizvi MA*. Expression pattern of immune checkpoints programmed death (PD-1) and programmed death-ligand (PD-L1) in retinoblastoma and its prognostic significance. *Annals of Oncology*. 2017 Dec 1;28,711-17. (Impact Factor: 32.976)
7. 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) held on March 6- 8, 2016 at Department of Biochemistry, Faculty of Life Sciences, Aligarh Muslim University, Aligarh, 202002 (UP).
8. 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) held on March 6-8, 2016 at Department of Biochemistry, Faculty of Life Sciences, Aligarh Muslim University, Aligarh 202002 (UP).
9. 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.
10. 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.
11. 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.
12. 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.
13. 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.

14. 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. *International Journal of Colorectal Disease*. 28:283-284. (Impact Factor: 3.080).
15. 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.
16. 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 -irradiated male C57BL/6 mice. Poster presentation delivered at the 8th National Research Scholars Meet in Life Sciences, Mumbai, INDIA, December 2012.
17. 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.
18. 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.
19. 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.
20. 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.
21. 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.

22. 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.
23. 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.
24. 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.
25. 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).
26. 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).
27. 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).
28. Prajapati SK, Joshi Hema Verma Anju, Valecha, Neena, Eapen Alex, Kumar A, Das MK, Reetha AM, Moshahid Alam Rizvi (2007). Allelic polymorphism in the Plasmodium vivax dihydrofolate reductase (pvdhfr) gene among Indian field isolates. Clinical Microbiology and Infection. 13(3):331-34. (Impact Factor: 7.117).
29. 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).
30. Rekha R, R S Murthy, Sudha Bhattacharya, Vineet Ahuja Moshahid Alam Rizvi and Jaishree Paul (2006). Changes in bacterial profile during amoebiasis: A demonstration of anaerobic bacteria in ALA pus samples. The American Journal of Tropical Medicine and Hygiene. 75(5):76-76. (Impact Factor: 2.126).
31. 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).

32. 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).
33. 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).
34. 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).
35. 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).
36. 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).
37. Sonia Tyagi, L. Singh, SC. Puri, R Kumar , RK. Sharma, Moshahid Alam Rizvi* (2004). Effect of fractionated extract of *Podophyllum hexandrum* on radiation induced cellular damage. *Indian Journal of Radiation Research*. 1(2):40. (Impact Factor: 0).
38. Lakshman Singh, S. Tyagi, R. Kumar, R. K. Sharma, A. K. Sinha, Moshahid Alam Rizvi* (2004). Effect of *Tinospora cordifolia* on macrophage function: a possible role in radioprotection. *Indian Journal of Radiation Research*. 1(2):45. (Impact Factor: 0).
39. 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).
40. 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).
41. 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).
42. 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).
43. 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

- Cancer: Disease and Drug development. ALBATROSS The zoological society, Gargi College in Association with IQAC. January 29, 2021
- Anticancer Evaluation of Certain Putative Drugs Under In-Vitro Conditions. Prof. B. N. Dhawan memorial online Lecture series on Recent Developments in Health and Disease. Organised by Department of Zoology, Sri Dev Suman University, Rishikesh Dehradun, India. December 6, 2020
- Participated as the “Chairperson of the Organizing Committee & Head” in National Conference on Recent Trends in Protein Structural Biology at Department of Biosciences, Centre for Interdisciplinary Research in Basic Sciences, Jamia Millia Islamia, New Delhi, India from 16th to 18th Dec. 2013. (Invited Speaker topic: Cancer genetics and therapeutic challenges).
- “Organized GIAN workshop as Chairperson and Head” on Cancer therapy through targeting mammalian DNA repair pathway at Department of Biosciences, Jamia Millia Ishlamia, New Delhi from 23 Oct to 3 Nov 2017. Organized as “Chairman” in National Conference in Protein Structure and Dynamics in Health and Agriculture at Department of Biosciences, Jamia Millia Ishlamia, New Delhi from 3rd to 4th Nov. 2017).
- Organized one day seminar as “Chairperson” on “Frontier in Science” at “Department of Biosciences, Jamia Millia Ishlamia, New Delhi” on 6 March 2019.
- Organized one day seminar as “Chairperson” on Advance in Biosciences at Department of Biosciences, Jamia Millia Ishlamia, New Delhi on March 2018.
- Organized International conference as “Chairperson” in Advance in Zoological Research at Department of Zoology, Faculty of Life Sciences, Aligarh Muslim University, Aligarh from 9th to 10th March 2019.
- Jyoti Gupta, Mohammad Afzal, Moshahid Alam 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 2014, B.N.S.C Ahmednagar (Maharashtra). 81-85. (ISBN- 978-93-81921,30-2).

SESSION CHAIRED OR INVITED SPEAKER OR BOTH

- “Session chaired” at National Seminar on Metal Toxicity and Oxidative Stress at Department of Biosciences, Jamia Millia Islamia, New Delhi, India from 23rd to 24th Sep. 2014.
- “Session chaired and invited speaker” at 3rd International Conference on Nutraceuticals and Chronic Diseases at Cancer Research Institute, Himalayan Institute of Medical Sciences, Swami Rama Himalayan University, Dehradun, India from 14th to 16th Sep. 2018. (Topic: Probiotics and Carcinogenesis)
- “Invited speaker” on Refresher Course at Centre for Human Resource Development Center. (Topic: In-vitro toxicity and anticancer evaluation of herbal drugs).
- “Session chaired and Invited speaker” in Biological Science Conference at Invertis University Bareilly in Oct 2018. (Invited speaker topic: Epigenetic regulation of Parkin gene in human breast cancer)
- “Session Chaired and Invited speaker” at International conference on advances in zoological research

(ICAZR) at “Department of Zoology, AMU, Aligarh from 9th to 10th March 2019. Topic: Parkin –p53 cross talk offers new vistas of therapeutic targets in colorectal cancer

- “Session chaired and Invited speaker” at national seminar on Biotechnology Research in India: Current status and Future Prospects at Department of Biotechnology, School of Chemical & Life Sciences, Jamia Hamdard, New Delhi on 26-27 March 2019. (Invited speaker topic: Molecular anomalies affecting PARP-2 and PTEN in Indian cervical patients).
- “Chief Guest and Invited speaker” at Azad Institute, Lucknow. (Invited speaker topic: Cancer Genetic and therapeutic challenges)
- “Invited Speaker” at DST Inspire program lecture at MIT, Meerut on 10th July 2019. (Topic: Basic human cell and tissue culture) Prof. Moshahid Alam Rizvi, Session Chair host at JTA held on 16/02/2020.

HONOURS/AWARDS

- Member Search Committee of the “Rowland Postdoc fellowship” given by “Rowland Institute at Harvard, Harvard University, 100 Ewdin H. Land Boulevard, Cambridge, MA, 02142, USA)”. Ongoing-2019
- “Research Under Literal Access (RULA) award-2018” (Accredited by Canadian, American and Malaysian Medical Research Council).
- “Panel Reviewer”, of International Journals including Nature Publication Groups: Total 12 Journals
- “Member”, of “ICMR Human Ethical Committee”.
- “Chairman” of DBT sponsored “Institutional Bio-Safety Committee” from 2015 to till now.
- “Chairman” of “Global Jamia Alumni Network (G-JAN)” during 2016.
- “Member Secretary” of DBT sponsored “Institutional Bio-Safety Committee” from 2011 to 2015.
- “Member” of ICMR sponsored “Institutional Ethical Committee” from 2011 to 2015
- “Member” of “Faculty Committee, Faculty of Natural Sciences Jamia Millia Islamia”
- “Member” BoS, “Dept. of Zoology, AMU, Aligarh”
- “Member”, BoS, “Dept of Toxicology, Hamdard University, New Delhi”.
- “Member” RDC, “Dept. of Biotechnology & Toxicology, Hamdard University, New Delhi”.

BOOKS PUBLISHED (INTERNATIONAL PUBLISHERS)

- Handbook of Research on Advancements in Cancer Therapeutics; A volume in the Advances in Medical Diagnosis, Treatment and Care (ADMTC) Book Series. Published by: IGI Global, 701 E, Chocolate Avenue, Hershey PA, USA-17033. (2020)
- 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)
- Evolution and genomic diversity of Plasmodium vivax; Authored by:- Surendra Kumar Prajapati & M. Moshahid A. Rizvi; Published by: LAMBERT ACADEMIC PUBLISHING, Germany. (March, 2011)

- Nucleic acid metabolism and clinical relevance in health; Authered by:- M. A. Khan, M. Zafaryab and M.M.A. Rizvi; Published by: LAMBERT ACADEMIC PUBLISHING, Germany.(ISSN:978-3-330-07058 (2017)
- Anticancer Efficacies of Nanocarboptatin in Human Breat Cancer; Authered by:- Md. Asad Khan and M. Moshahid A. Rizvi; Published by: Scholar press, Germany. (ISSN:978-659-84274-0). (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).
5. Irfan Ahmad, Hassan Mehdi, Asad Khan, **M. Moshahid A Rizvi (2017)**. Cancer therapy: Targeting epigenome by dietary phytochemicals. FFC (2017).
6. Khan MA, Ahmad S, Ahmad I, **Rizvi MA**. Anti-Proliferative Activity of Curcumin Loaded PLGA Nanoparticles for Prostate Cancer. In Nanotechnology Applied To Pharmaceutical Technology 2017 (pp. 267-278). *Springer, Cham*. Mir Hilal Ahmad, **Moshahid Alam Rizvi** (2020). Evidences for role of NGF in depression and antidepressants treatments: New insights in neuroplasticity dependent therapeutic approaches in The Neuroscience of Depression, Academic Press, Elsevier.
7. Zubair Bin Hafeez, Khalid Umar Fakhri, Md Zafaryab, **M Moshahid A Rizvi**: Functional Mechanisms of Green Tea Polyphenols and Their Molecular Targets in Prevention of Multiple Cancers, 2020, IGI Global Publishers, USA DOI:10.4018/978-1-7998-6530-8/ch022
8. Farhad Bano, Khalid Umar Fakhri, **M Moshahid A Rizvi**: Targeted Drug Delivery in Cancer Treatment. 2020, IGI Global Publishers, USA DOI: 10.4018/978-1-7998-6530-8/ch012.
9. Durdana Yaseen, Bushra Afzal, Md Zafaryab, Neha Sami, Khalid Umar Fakhri, **M Moshahid A Rizvi**, Tasneem Fatima: 2020, IGI Global Publishers, USA, DOI: 10.4018/978-1-7998- 6530-8/ch009.
10. Mohd Aleem, Pooja Gupta, Deepti Sharma, Khalid Umar Fakhri, **M Moshahid A Rizvi**. Synthesis to Suppress Tumor Angiogenesis and Metastasis, Overcome Multi-Drug Resistance in Cancer, Target

Telomerase and Apoptosis Pathways, 2020, IGI Global Publishers, USA, DOI:10.4018/978-1-7998-6530-8/ch010.

11. Khalid Umar Fakhri, Md Zafaryab, Armiya Sultan, Md. Rizwanullah, Zubair Bin Hafeez, **M Moshahid A Rizvi**. Obstructions in Nanoparticles Conveyance, Nano-Drug Retention and EPREffect in Cancer Therapies. 2020, IGI Global Publishers, USA DOI: 10.4018/978-1-7998-6530-8/ch026.
12. MH Ahmad, **MMA Rizvi**, M Fatima, AC Mondal. Impact of NGF signaling on neuroplasticity during depression: Insights in neuroplasticity-dependent therapeutic approaches. The Neuroscience of Depression, 2021, 341-350.
13. M Aleem, D Sharma, D Sharma, S Dan, P Gupta, KU Fakhri, **MMA Rizvi**. Strategies to Suppress Tumor Angiogenesis and Metastasis, Overcome Multi-Drug Resistance in Cancer, Target Telomerase and Apoptosis Pathways. Handbook of Research on Advancements in Cancer Therapeutics, 2021, 312-338.
14. Khalid Umar Fakhri, Bader Saud Alotaibi, Sumit Kumar, Umesh Kumar, Subash C Sonkar, Ankit Mathur, Zakia Kazim, Ahmad Perwez, Durdana Yasin, Bushra Zeya, Farhan Jalees Ahmad, **M Moshahid Alam Rizvi**. Phytopharmaceuticals in Cancer Treatment. Handbook of Research on Advancements in Cancer Therapeutics, 2021, 639-668.
15. M Rani, S Kumar, **MMA Rizvi**. Role of Stem Cells in Cancer Therapeutics. Handbook of Research on Advancements in Cancer Therapeutics, 2021, 467-485.
16. Durdana Yasin, Md Zafaryab, Khalid Umar Fakhri, Shaheen Husain, Bushra Afzal, Neha Sami, Hemlata Hemlata, M Moshahid Alam Rizvi, Tasneem Fatma. Apoptotic Pathway: A Propitious Therapeutic Target for Cancer Treatment. Handbook of Research on Advancements in Cancer Therapeutics, 2021, 290-311.
17. D Yasin, N Ahmad, MA Rizvi, T Fatma. Cyanobacteria as a Promising Source of Therapeutic Agents Against Various Human Diseases. Phycobiotechnology, 2021, 187-213.
18. Shadab Pasha Khan, MA Rizvi, Rehan Khan. Internet of Things Security Challenges and Concerns for Cyber Vulnerability. Dark Web Pattern Recognition and Crime Analysis Using Machine Intelligence, IGI Global, 2022, 190-206.
19. Asad Khan, M Moshahid A Rizvi. Biomedical Application of Polyhydroxybutyrate Biopolymer in Drug Delivery, Handbook of Research on Nano-Drug Delivery and Tissue Engineering: Guide to Strengthening Healthcare Systems, CRC Press, 2022, 35-55.
20. Khushnuma Wahabi, Ahmad Perwez, Moshahid A Rizvi. Antioxidant in Cancer: Preventer, Promoter or an Achilles Heel, Handbook of Oxidative Stress in Cancer: Therapeutic Aspects, Springer Singapore, 2022, 1-16.

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

- 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**
- Indo-German workshop on "**In Vitro Toxicology**" at **ITRC, Lucknow, India, 1995**
- Indo-Japan symposium on "**Molecular Genetics and Medicine**" at **AIIMS, New Delhi, India, 1994**
- 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.**
- **Workshop on Development of quality question paper**, Organized by **Academic Staff College, Jamia Millia Islamia** and sponsored by **UGC, New Delhi** from 9th – 12th March, 2002.
- **NCERT** organized workshop for review of Urdu translation and vetting of "**Science and Technology**" Text Book for class X, 10th – 14th November 2003.
- **NCERT** organized workshop for review of Urdu translation and vetting of "Science and Technology" Text Book for class VI & VII, 8th – 12th December 2003.
- **NCERT** organized workshop for review of Urdu translation and vetting of "Science and Technology" Text Book for class XII, 19th – 23rd January 2004.
- **NCERT** organized workshop for review of "Biology" Text Book for class XI & XII, 11th -15th October, 2004
- **NCERT** organized workshop for review of Urdu translation and vetting of "Science and Technology" Textbook for class X, 20th-24th December 2004.
- 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
- 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
- **NCERT** organized workshop for review of Urdu translation and vetting of **Biology** Text Book for class XI, 10th – 17th May, 2005.
- Workshop on "**Application of Molecular Biology Techniques in Reproductive Biomedicine**" under

Indian Society for Comparative Endocrinology at National Institute of Health and Family Welfare from 18th to 29th October, 2010.

RESEARCH PROJECTS ONGOING

1. Assessment on the modulation of anticancer activity of standard cancer drugs by nutraceuticals and unani drug in colorectal cancer on going (CCRUM Ministry of Ayush) 23,14,000INR... **ongoing**
2. Molecular Evaluation of Genetic Variability and Evolutionary Pattern in Santhal and Tharu Tribes from Bihar (DBT) 27,66,260 INR... **ongoing**

RESEARCH PROJECTS AWARDED

1. Impact of defined flavonoids on colon cancer intervention: Targeting signaling cascade under invitro and in vivo system. (Awarded by UGC under UGC-SAP-DSR II (F.3- 9/2018/DRS-II(SAP-II)), New Delhi: as Project coordinator, 1,30,00,000.00 INR (10,01,113 in 19-20)). 2018 **Completed**
2. To study the antitumour potential of Pashanbheda, Punarnava, Gokshura and Badra on urothelial cell carcinoma (UCC) cell lines. (Co-PI, Ministry of Ayush: 2018-21). 2. 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, 12,00,000.00 INR). **Completed**
3. Molecular Evaluation of PARKIN Gene in Indian Cervical Cancer Patients (Awarded by UGC, New Delhi; May, 2012, 10,50,000.00) **Completed**
4. Molecular evaluation of PTEN gene in colorectal cancer patients from Northern India (Awarded by DBT, New Delhi; 2008, 6,50,000.00 INR) **Completed.**
5. 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, 30,000.00 INR) **Completed.**
6. Molecular evaluation of PTEN gene in cervix cancer patients (Awarded by UGC, New Delhi; April, 2006, 90,000.00 INR) **Completed.**
7. Identification and screening of certain herbal antimalarials from Himalayan belt against rodent malaria parasite. (Awarded by UGC, 2001, New Delhi) **Completed.**
8. Ultrastructural analysis of sporogonic development of malaria parasite. (Minor project, University of Allahabad, (2001) **Completed.**

Number of Scholars Presently holding Fellowships

#	Name of student	Fellowship
1.	Masood Nadeem	UGC-SRF
2.	Bushra Khan	DBT-JRF
3.	Faqua Zarreen	CSIR-JRF
4.	Khalid Imtiyaz	ICMR-SRF
5.	Adiba	UGC-JRF
6	Abu nasar	CCRUM-JRF

Post-doc Fellows (ACCOMPLISHED)

S.No.	Name of the postdoc Fellow
1.	Dr. Rehana Qureshi (DSKPSF)
2.	Dr. Syed Mehdi Hassan (DSKPSF)
3.	Dr.Asad Khan (DST-Young Scientist)
4.	Dr. Lata Singh (DST-NPDF)
5.	Dr. Ayesha Aziz Faridi (UGC-Woman Scientist)
6.	Dr. Vandana Prajapati (DST-Young Scientist)
7.	Dr. Sana Khan (DST-NPDF)
8.	Dr.Tarique Sarwar (DST-NPDF)
9.	Dr. Ayesha Siddique (ICMR-RA)
10.	Dr. Preeti Bansal (UGC-DSKPSF)
11.	Dr. Madhu Rani (UGC-DSKPSF)

PH.D. SUPERVISED (45)

1. **Dr. Javid Sadrae**, (Foreign National from the Republic of Iran) (2006, Title Parasitic Diarrheal Disease in HIV/AIDS Patient and Its Correlation With Immune Status).
2. **Dr. Alok Suman Sharma** (2007, Title: Chemotherapeutic Profile of Certain Compounds against Rodent Malaria Parasite).
3. **Dr. Rekha Rani** (2007, Title: Characterization of Human Gut Microflora in Enteric Patient Using Molecular and Biochemical Technique).
4. **Dr. U. Shreehari** (2007, Title: Efficacy of Long-Lasting Insecticide Treated Net Technology Against Anopheles Culicifacies, A principal Malaria Vector in India).

5. **Dr. Arshad Rehmani** (2009, Title: Role Of Nat-2gene and Hormone Receptors in Genesis of UrinaryBladder Carcinoma).
6. **Dr. Laxman Singh** (2009, Title: Immunology).
7. **Dr. Krishna Kumar** (2009, Title: Radioprotection by Tenospora Cardifolia),
8. **Dr. Surendra.K. Parjapati** (2009, Title: Evolution and genomic diversity ofPlasmodium vivax).
9. **Dr. Sonia Tyagi** (2010, Title: Radiation-Induced Cell Cycle Pertubatiuons in IntestinalCryt Cellsand Their Modulations by Tinospora Cordifolia).
10. **Dr. Md. Shabbir Alam** (2010, Title: Molecular Analysis of PTEN Gene in CervicalCancer Patients).
11. **Dr. Rushdi Shakri** (2011, Title: Receptors-Ligands Interactions in ErythrocyteInvasion by Malaria Parasite: Targets for Intervention).
12. **Dr. Nisreen Alyasiri** (Foreign National, ICCR fellow) (2011, Title: Assessment onRole of PTENTumor Suppressor Gene in Oral Cancer).
13. **Dr. Syed Jafar Mehdi** (2012, Title: Molecular Analysis of Parkin Gene in Different Gynecological Cancer).
14. **Dr. Feroz Akhtar** (2013, Title: Chytosan and Chytosan-Alginate Nanoparticle BasedDelivery System for Mucousal Immunomodulation in Mice).
15. **Dr. Md. Irshad** (2013). Antiproliferative efficacies of various extracts of cassia fistula
16. **Dr. Asgar Ali** (2013, Title: Expressional Analysis of PTEN Gene in Genesis of Colorectal Carcinoma).
17. **Dr. Priyanka Singh** (2014, Title: Molecular Studies of Chikungunya Virus Isolated from Different Parts of India).
18. **Dr. Zakia Kazim** (2015, Title: Molecular Analysis of PTEN Gene in Breast CancerPateints).
19. **Dr. Shilpie Biswas** (2016, Title: Molecular Analysis of Toll Like Receptors (TLRs) inHPV (HumanPalillioma Virus) Associated Cervical Cancer).
20. **Dr. Mohd. Irfan** (2016, Title: Evaluation of Certain Cucurbits Against Gut Microflora and TheirTherapeutic Implications in Gut Assosiated Pathogenesis).
21. **Mr. Shahanshah khan** (2016, Title: Role of Potential Antioxidants at Lethal/Sublethal Doses of γ -Radiation: Investigation Under In-Vivo and Ex-Vivo Animal Model System).
22. **Ms Afreen Naseem** (2017 Title: Evaluation of certain TSG in cervical cancer patients).
23. **Mr. Zubair Bin Hafeez** (2017 Title: Assessment of the role of PARKIN gene and its associatedmolecular mechanism in cervical cancer”.
24. **Ranjan Tiwari** (131636924, 15/02/2013-30/08/2019, Title: Studies on the Association of Colorectal Cancer and Mutational Status of PARKIN Tumor Suppressor Gene).

25. **Farheen Shamsi** (20148070, 30/09/2014, Title: Designing, characterization & in vitro evaluation of azole based therapeutic agents against cancer).
26. **Zaffar Iqbal Bhat** (DS/10/6320, 18/08/2013 - 31/5/2019, Title: Evaluation on genetic polymorphism of PARK- 2 gene among Colorectal cancer patients from northern India).
27. **Ankita Leekha** (2017, Title: Overcoming Cisplatin Resistance in Ovarian Cancer).
28. **Atheer Abbas Yaseen** (2015, Title: Anti Proliferative Potencies of Some Substance).
29. **Ahmad Perwez** (07-4243, 26/09/2013-25/06/2019, Title: Study of certain Tumor suppressor gene and oncogenic association in the modulation of cell cycle regulators in different Gastrointestinal celllines).
30. **Khushnuma Wahabi** (26/09/2013-06/08/2019 Title: Molecular studies on Parkin gene among breast cancer patients).
31. **Md. Zafaryab** (Life science/2014/2013, 13/09/2013, Title: In vitro Antiproliferative and apoptotic Potential of Thymol and Palmitic acid on Human Cancer Cells).
32. **Durdana Yasin** (2019) Determination of anticancer efficacy of cyanobacterial extracts.
33. **Shabeena Kamarudheen** (1310216, 24/09/2013, Title: Evaluation of anticancer potential and possible mechanism of action of Nigella sativa extract).
34. **Khalid Umar Fakhri** (Anticancer Assessment of Rhein and Phytic Acid Against Colorectal Cancer).
35. **Mohammad Faraz Khan** (Pharmaceutical Chemistry) Title: Synthesis and Biological Evaluation of Novel Pyrazole-4-acrylic Acid Analogues As Potential Anti-cancer and Anti-Inflammatory Agents-2020 (Jamia Hamdarad).
36. **Bushra Zeya** (*In vitro* evaluation of selected flavonoids on colon cancer cells via targeting its signaling cascade).
37. **Laraib Urooj** (Molecular profiling of FBXW7, EGFR and FOXO3 among Indian Colorectal Cancer patients).
38. **Khalid Imtiyaz** (Exploration on the mechanism of action of Fisetin/Mimosine on MTH1 mediated therapy against skin cancer).
39. **Mohammad Rizwan** (Development of Polymer based Nanoformulation for Improved Oral Efficacy of Anticancer Agent).
40. **Saima Ahmadi** "Investigating therapeutic efficacy of Limonene against Candida and Skin cancer cells"
41. **Tanweer Ahmad** "A study to evaluate the therapeutic effect of some nutraceutical combinations among Indian oral leukoplakia subjects"

42. **Hilal Ahmad Mir** (Assessment of neuroprotective potential of Naringenin and its associated mechanisms in human neuroblastoma cell line and rat model of Parkinson's disease).
43. **Syed Tawqeer Anwer** (Synthesis of silver nanoparticles using myricetin and its chemopreventive efficacy in the colorectal cancer cell line).
44. **Masood Nadeem** (Anticancer efficacies of α -Methylene- γ -valerolactone an active ingredient of *Bergenia ligulata* extracts against urinary bladder cancer cells).
45. **Rashmi Kumari**, Studies on Single Nucleotide Polymorphisms of Parkin Gene in Cancer

PH. D UNDER SUPERVISION

S. No.	Name of the Ph.D. Student
1.	Masood Nadeem
2.	Bushra Khan
3.	Fuqua Zareen
4.	Abu Nasar
5.	Alina Athar
6.	Adiba Zainab
7.	Safi Abbas

ADMINISTRATION / EXTRA CURRICULAR SERVICES

1. Head, Department of Biosciences, Jamia Millia Islamia from 08/04/2016 to 07/04/2019.
2. Coordinator of University Grants Commission Special Assistance Program Project level II 2018. To till date
3. Provost Dr. Zakir Husain Hall of Boys Residence, JMI 23/06/2019 – Till date
4. Course Coordinator of M. Sc. Microbiology and MSc. Biochemistry. 2017-19
5. Chairman of Global Jamia Alumuni (GJAN) Since 2015
6. Chairman of Institutional Biosafety committee 2016-2019
7. Member Secretary of Institutional Biosafety committee during 2013-2016
8. Advisor AAJMI, since 2018.
9. Returning officer, (i) AAJMI Election. 2018, (ii) JTA election 2018
10. Member of ICMR sponsored Institutional Ethical Committee (IEC) 2011-2015
11. Member Animal Ethics Committee. 2011-2015

12. Assistant Coordinator of Graduate Course in Biotechnology, Department of Biosciences, Jamia Millia Islamia from 2002 to 2006.
13. Senior Warden of SRK, SRK New and Pink Hostels, Jamia Millia Islamia (2004-2010).
14. Proctor, of D.A.V College, Muzaffarnagar from 1998 to 2000.
15. NSS Program Officer from 2000 to 2001.
16. Member Faculty Committee, Faculty of Natural Sciences JMI
17. Life Member Indian Society for Parasitology.

I certify that the facts stated above are true and correct to the best of my knowledge and belief.



Place: New Delhi, India.

Prof. Mohd Moshahid Alam Rizvi

Date: 14th April 2025