NAME	**Dr. GIRISH SHARMA**	
DESIGNATION	*Professor & Dy. Centre Head*, Centre for Medical Biotechnology, Amity Institute of Biotechnology; *Head* - Examination AIB; *Coordinator* – Amity Center for Cancer Epidemiology & Cancer Research (ACCECR)	
Email ID	gsharma3@amity.edu	
Contact Number	0120-4391522	
RESEARCH INTERESTS	1. **Cancer Chemoprevention,** organ specific carcinogenesis, including that of prostate, lung, breast, kidney, colon, and bladder using both Natural & Synthetic compounds. 2. **Epidemiology of various Cancers** (Hospital based Cancer Registry) including Breast, Childhood, Prostate, Gall Bladder Cancer etc**.** 3. **Exploring new drugs and drug combinations, drug resistance mechanisms and targets** (for cancer and other related diseases).	

EDUCATIONAL QUALIFICATIONS:

Name of College / University	Degree	Year
Univ. of Colorado Health Sci. Center, Denver, Colorado, USA	Postdoctoral Fellow	2001-2005
National Research Center on Plant Biotechnology, IARI, New Delhi, India	DBT- National Postdoctoral Fellow	1997-2001
Jamia Millia, New Delhi, India	Ph. D. Biosciences	1997
Jamia Millia, New Delhi, India	M.Sc. Biosciences	1991
University of Delhi, Delhi, India	B. Sc. (Hons) Botany	1988

Title of Ph.D. thesis:

EXPERIENCE (in chronological order)

Designation	Type of post held (teaching/ research)	Name of the Institute	Year (From – To)
Head, Examination Cell	Teaching and Research	Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India	2022-present
Dy. Centre Head	Teaching and Research	Centre for Medical Biotechnology, Amity Institute of Biotechnology, AUUP, Noida, India	2022-present
Ph.D. Coordinator	Teaching and Research	Area Specific Course: Advances in Cancer Research, Amity Institute of Biotechnology, AUUP, Noida, India	2019-present
Stream Coordinator	Teaching and Research	Animal Biotechnology Stream, Uniform Course Coding (UCC) & Course Curriculum Review and Programme Structuring, Amity	2015-present

		Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India	
Coordinator	Research	Amity Centre for Cancer Epidemiology and Cancer Research, Amity University Uttar Pradesh, Noida, India	2012-present
Programme Head/ Coordinator	Teaching	For Batches: 2009 to 2012 B. Tech. (Biotech), B. Tech. (Bioinformatics), B. Tech + M. Tech. Biotech (Dual Degree), Amity Institute of Biotechnology, Amity University Uttar Pradesh (AUUP), Noida, India	2011-2013
Professor	Teaching and Research	Center for Medical Biotechnology, Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India	2010-present
Assistant Professor – Research	Teaching and Research	Medical University of South Carolina, Charleston, South Carolina, USA	2007 – 2008
Instructor	Teaching and Research	University of Colorado Health Sciences Center, Denver, Colorado, USA	2006 – 2007
Instructor-Fellow	Teaching and Research	University of Colorado Health Sciences Center, Denver, Colorado, USA	2005 – 2006
Postdoctoral Fellow	Research	University of Colorado Health Sciences Center, Denver, Colorado, USA	2003 – 2005
Visiting Research Associate (PDF)	Research	University of Colorado Health Sciences Center, Denver, Colorado, USA	2001 – 2003
Research Associate	Research	National Research Center on Plant Biotechnology, Indian Agricultural Research Institute, New Delhi, India	1999 – 2001
National Postdoctoral Fellow	Research	National Research Center on Plant Biotechnology, Indian Agricultural Research Institute, New Delhi, India	1997 – 1999
No. of Ph.D. Students supervised		Awarded: 02 Submitted: 01 Ongoing: 02	
No. of Post-Docs supervised		Nil	
No. of M. Tech./ M.Sc./ B.Tech. Students supervised		Over 100	

PUBLICATIONS

Book(s): 01

Research Papers/ Articles: 63
Book Chapters: 08
Popular scientific articles: 04

Abstract Published: 78

Invited Lectures: 15

Books:

- Dhan Prakash and **Girish Sharma** (eds.). Phytochemicals of Nutraceutical Importance. CABI, Nosworthy Way, Wallingford, OX 10 8DE, Oxon, **UK**, **(2014) ISBN: 978-1-78064-363-2**

Some Selected Research Papers/ Articles:

1. Subhash Chand , K.N. Mihooliya, D.K. Sahoo, Jai Prakash Prasad, and **Girish Sharma**. "L-asparaginase from *Bacillus flexus* strain SS: Isolation, Screening, Production Process Optimization, Purification, and Anticancer Activity". *Applied Biochemistry and Microbiology* 2022; 58 (4): 416-427.
2. Hina Solanki; Aseem K Tiwari, Nikki Dey, Vimarsh Raina, **Girish Sharma**. "Issues faced by a resource-constrained stem cell donor registry and impact of coronavirus disease 2019 on their functioning: A 9-year observational study from a single registry in India". *Indian Journal of Transplantation* 2022; 16:405-410.
3. Gargi Tikoo, Bhagat Singh, **Girish Sharma**, Charu Gupta. "Antioxidant Bio-Constituents from Agro-Industrial Waste and their Importance in Functional Foods". Mathews Journal of Nutrition & Dietetics 5 (1): 3-16.
4. Subhash Chand, Anu Sharma, Jai Prakash Prasad, **Girish Sharma**. "Synergistic combinatorial effect of L-asparaginase and Trastuzumab against HER2+ breast cancer cells." Research Journal of Pharmacy and Technology (2022); 15 (12): 5819-5824.
5. Vikash Chandra Mishra, Dinesh Chandra, Amit Kr Bhardwaj, Anoushka Raina, Vijay Kumar Dubey, **Girish Sharma**, Vimarsh Raina. "HLA Class I and II Allele Profile in Indian Patients with Aplastic Anemia". (Original article --- Gene Reports 26: (2022), 101527.
6. Jiten Jaipuria, Mamoon Ahmed Karimi, Amitabh Singh, Bikash Bikram Thapa, Shashikant Gupta,Nripesh Sadasukhi, Manikandan Venkatasubramaniyan, Preeti Pathak, Priyatham Kasaraneni, Ashish Khanna, Tushar Aditya Narayan, **Girish Sharma**, Sudhir Rawal. "Pitcher pot neourethral modification of ileal orthotopic neobladder achieves satisfactory long term functional and quality of life outcomes with low clean intermittent self-catheterization rate**".** (Original Research article --- British Journal of Urology International (BJUI) Compass (2021) 2: 292-299 **(IF 4.806**).

7. Hina Solanki, Aseem Kumar Tiwari, Vimarsh Raina, **Girish Sharma.** "Association study of HLA class I and class II alleles with childhood acute lymphoblastic leukemia in Indian patients". *Gene Reports* 23: 101086,

(2021). (Elsevier Inc.)

8. Hina Solanki, Aseem Kumar Tiwari, Naveen Vashisht, Vimarsh Raina, **Girish Sharma.** "Barriers and support-system in deciding upon Hematopoietic Stem Cell Transplant (HSCT) treatment: A qualitative study of pre-HSCT acute leukemia patients from a standalone transplant laboratory in India ". (Original article)- *Indian Journal of Medical and Paediatric Oncology*. 42:153-160, (2021).
9. Vikash Chandra Mishra, Trupti Deshpande, Nikita Gupta, Pranav Dorwal, Dinesh Chandra, Vimarsh Raina, **Girish Sharma.** "Frequency analysis of HLA-B allele in leukemia patients from a North Indian population: A case-control study". (Original article --- *Meta Gene* 27 (2021) 100842. **(Elsevier Inc.).**
10. Vikash Chandra Mishra, Dinesh Chandra, Vimarsh Raina, **Girish Sharma. "** Analysis of HLA-B allele polymorphism in North Indian population: Experience at tertiary care centre. (Original article --- *Gene Reports* 22 (2021) 100996. (Elsevier Inc.)
11. Vikash Chandra Mishra, Vimarsh Raina, **Girish Sharma. "**HLA association with leukemia: A review of the literature" (Review article ---*Gene Reports* 21 (2020) 100939. (Elsevier Inc.)
12. Hina Solanki, Vikash Chandra Mishra, Aseem Kumar Tiwari, Nipun Kakkar, Naveen Vashist, Vimarsh Raina, **Girish Sharma.** "Human Leukocyte Antigen Associations with Acute Leukemia: An Indian Perspective". *Indian Journal of Medical and Paediatric Oncology*, 2020, 41: 850-858. (IF 0.8).
13. Subhash Chand, Richi V. Mahajan, J. P. Prasad, Debendra K. Sahoo, Kanti Nandan, Mahesh S. Dhar, **Girish Sharma**. "A Comprehensive Review on Microbial L-Asparaginase: Bioprocessing, Characterization and Industrial Applications". (Review article --- in special issue on '*Synthetic and Engineered Enzymes for Biocatalysis and Biotransformation* of '*Biotechnology and Applied Biochemistry*' [International Union of Biochemistry and Molecular Biology, Inc.] 67 (4) 619–647, (2020). (**IF 2.431**).
14. Jiten Jaipuria, Tarun Kohli, Manikandan Venkatasubramaniyan, Amitabh Singh, Shashikant Gupta, Preeti Pathak, **Girish Sharma,** Swarupa Mitra, Vineet Talwar, Sudhir Rawal. "Adjuvant radiation compares favorably to chemotherapy among patients with carcinoma penis and nodal positivity restricted to groin". *Urologic Oncology: Seminars and Original Investigations* [An official journal of the Society of Urologic Oncology]. 38: 641.e9−641.e18, (2020). (**IF 3.498**).

15. Kaushik Dhar Dubey, **Girish Sharma***, Aruna Kumar*. Conjugated Linolenic acids: Implication in Cancer. *Journal of Agricultural and Food Chemistry* [a journal of American Chemical Society (ACS)] 2019, 67 (22): 6091-6101. (***Shared Corresponding author**). (**IF 4.192)**

16. Vikash Chandra Mishra, Aseem K. Tiwari, Pranav Dorwal, Vimarsh Raina, **Girish Sharma.** "A guide to organize voluntary stem cell donors recruitment drive for hematopoietic progenitor stem cell transplant". *Asian Journal of Transfusion* Science, 2019, 13: 39-42.
17. Vikash Chandra Mishra, Pranav Dorwal, Hina Solanki, Tarun Kohli, Aseem Tiwari, Vimarsh Raina, **Girish Sharma**. "HLA Matched Unrelated Donor (MUD) search experience for hematological disorder patient requiring transplant: Scenario for Indian patients". *Indian Journal of Medical and Paediatric Oncology*, 2019 40: 32-34.
18. Dhan Prakash**,** Charu Gupta and **Girish Sharma**. "Antioxidant Phytochemicals are Beneficial for Health". *In: "Dream -2047"*, Published by Vigyan Prasar, An autonomous institution under the Department of Science and Technology (**DST**), Govt. of India, India. *Dream-2047*, 21 (6), 26-28, 2019. (Popular scientific article)
19. Vikash Chandra Mishra, Aseem K. Tiwari, Vimarsh Raina, **Girish Sharma.** "Timelines an important tool for MUD Stem Cell Transplant: A Case Report and Review of Literature"**.** *Indian Journal of Transplantation* (Elsevier) 12: 205-206, 2018. (Indian Society of Organ Transplantation. Published by Elsevier)
20. Imtiyaz Murtaza, Bushra, Shah Ubaid-ullah, Omi Laila, Sheikh Bilal, Mukhtar Ahmad, **Girish Sharma.** A Study on Biochemical and Genetic Mode of Chlorpyrifos Degradation by Bacterial Isolates Inhabiting Different Ecosystems of Kashmir Valley. *Current Science,* 115 (4): 753-758, 2018. **(IF 1.102).**
21. **Girish Sharma**, Charu Gupta and Dhan Prakash. "Treating Prostate cancer with Nutraceutical". *In: "Dream -2047"*, Published by Vigyan Prasar, An autonomous institution under the Department of Science and Technology (DST), Govt. of India, India. *Dream-2047, **19** (10):29-31,* 2017. (Popular scientific article)
22. **Girish Sharma**, I. Vivek, Ashish Gupta, Deepak Ganjewala, Charu Gupta, Dhan Prakash. Phytochemical composition, Antioxidant and Antibacterial potential of Underutilized parts of some fruits. *International Food Research Journal,* 24 (3): 1167-1173, 2017. **(IF 0.662)**
23. **Girish Sharma.** "Prostate cancer: Promise and

Potential of Chemopreventive strategy". Poster Presentation at the 12th International Conference of Asian Clinical Oncology Society (ACOS) – "Cancer in Asia: Bridging the gaps" held at New Delhi, India. Abst. Pg. S77. *Journal of Carcinogenesis*. 8th-10th April, 2016. **(IF 3.81)**

24. **Girish Sharma,** Sumedha Sharma, Prerna Sehgal. Emerging Trends in Epidemiology of Breast, Prostate and Gall bladder cancer. ***International Journal of Pharma Sciences and Research*****,** 5 (7): 329-337, **2014**. (**ISSN 0975-9492).**
25. **Girish Sharma** and Dhan Prakash. Nutraceutical: defence against diseases? In: *Science Reporter* - Health Special. ***NISCAIR-CSIR****, India*. Pp 32-33, **2013**. **(ISSN: 0036-8512)**
26. Imtiyaz Murtaza, Omi Laila, M. Z. Abdin, Kousar Parveen, Tariq Raja, Sheik Abid Ali and **Girish Sharma**. "Maximum Phenyl Ammonia Lyase (PAL) enzyme activity at mid stage of growth imparts highest hypoglycemic property to fenugreek". ***Current Trends in Biotechnology and Pharmacy*** 7 (4) 837-846, **2013**. **(ISSN 0973-8916).**
27. Imtiyaz Murtaza, Hafiza Ahsan, Omi Laila, **Girish Sharma** and Sheikh Abid Ali. "Evaluation of Antioxidant Power of Stone fruits for development of Functional Food". ***Current Trends in Biotechnology and Pharmacy*** 6 (4) 425-432, **2012**. **(ISSN 0973-8916).**
28. Prakash D., Gupta C. and **Sharma G.,**. "Importance of Phytochemicals in Nutraceuticals". ***Journal of Chinese Medicine Research and Development*** 1 (3): 70-78, **2012**. **(ISSN-2303-9353).**
29. Millward M., Price T., Townsend A., Sweeney C., Spencer A., Sukumaran S., Longenecker A., Lee L., Lay A., **Sharma G.** , Gemmill R. , Drabkin H., Lloyd G. , Neuteboom S., McConkey D., Palladino M., Spear M. "**Phase 1 clinical trial** of the novel proteasome inhibitor marizomib with the histone deacetylase inhibitor vorinostat in patients with melanoma, pancreatic and lung cancer based on *in vitro* assessments of the combination". ***Investigational New Drugs*** 30: 2303-2317, **2012 (Springer). (Impact Factor 3.91)**
30. **Sharma G.,** Srivastava A. K. and Prakash D. "Phytochemicals of nutraceutical importance: their role in health and diseases". ***Pharmacology online*** 2: 408-427, **2011**. (Published from **Italy**). **(ISSN-1827-8620)**
31. Drabkin H. A., **Sharma G.**, Costa L. J., Korch C.,

Gemmill R. M.. Synergistic growth inhibition of RCC and NSCLC cell lines by sorafenib plus vorinostat and induction of angiogenic genes by ER stress. ***Journal of Clinical Oncology*** 27, (suppl; abstr e16114), **2009. (Impact Factor 44.54)**

32. Singh R.P., Raina K., **Sharma G.,** and Agarwal R. Silibinin Inhibits established prostate tumor growth, progression, invasion, and metastasis and suppresses tumor angiogenesis and Epithelial-Mesenchymal Transition in Transgenic Adenocarcinoma of the Mouse Prostate Model Mice. ***Clinical Cancer Research*** 14: 7773-7780, **2008**. **(Impact Factor 13.8)**

33. Roche J., Potiron V., Nasarre P., **Sharma G.**, Gemmill R., and Drabkin H. A. SEMA3F Semaphorin is involved in tumor angiogenesis. ***European Journal of Cancer Suppl* , 6**,(9): 24-24, 2008. **(Elsevier Ltd)**. **(IF 9.162)**

34. Singh R.P., Tyagi A., **Sharma G.,** Mohan S., and Agarwal R. Oral silibinin inhibits in vivo human bladder tumor xenograft growth involving down regulation of survivin. ***Clinical Cancer Research*** 14(1): 300-308, **2008**. **(Impact Factor 13.8)**

35. Potiron V. A., **Sharma G.,** Nasarre P., Clarhaut J. A., Augustin H. G., Gemmill R. M., Roche J. and Drabkin H. A. Semaphorin, SEMA3F, affects multiple signaling pathways in Lung Cancer Cells. ***Cancer Research*** *67(18)*: 8708-8715, **2007**. **(Impact Factor 12.7)**

36. Sharma G., and Goalstone M.L. Regulation of ERK5 by insulin and angiotensin-II in vascular smooth muscle cells. ***Biochemical and Biophysical Research Communication*** 354:1078-1083, **2007**. **(Impact Factor 3.575)**

37. Wang C.C.L., Sorribas V., **Sharma G.,** Levi M., Draznin B. Insulin attenuates vascular smooth muscle calcification but increases vascular smooth muscle cell phosphate transport. ***Atherosclerosis*****,** 195: 65-75, **2007**. **(Impact Factor 6.847)**

38. RP Singh, **G Sharma**, R Agarwal. Silibinin consumption inhibits prostate tumor growth in transgenic adenocarcinoma of mouse prostate

(TRAMP) mice. **Cancer Research** 66 (8 Supplement): 928-928, 2006. (ISSN: 0008-5472) **(IF 12.7)**

39. Wang C.C.L., **Sharma G.,** Draznin B. Egr-1 expression in vascular smooth muscle cells: Effects of insulin and oxidant stress. ***American Journal of Hypertension*** 19: 366-372, **2006**. **(Impact Factor 3.541)**

40. Low Wang, Cecilia C; Sorribas, Victor; **Sharma, Girish;** Levi, Moshe; Draznin, Boris. Insulin-Mediated Increase in Vascular Smooth Muscle Cell Phosphate Transport May Be Associated with Vascular Calcification In Insulin Resistance Diabetes, suppl. ABSTRACT BOOK: 65th Scientific Sessions; New York Vol. 54, (Jun 2005): A192. (***ISSN:*** *Print 0012-179)* **(IF 9.337)**

41. Sharma G. and Goalstone M.L. Dominant negative FTase (DNFTα) inhibits ERK5, MEF2C and CREB activation in adipogenesis. ***Molecular and Cellular Endocrinology*** 245: 93-104, **2005. (Impact Factor 4.24).**

42. Singh R.P., Mallikarjuna G.U., **Sharma G.,** Sivanandhan D., Chan D.C.F., Agarwal C. and Agarwal R. Silibinin enhances therapeutic efficacy and reduces toxicity of doxorubicin in lung cancer. ***Clinical Cancer Research*** 10: 8641-8647, **2004**. **(Impact Factor 13.8).**

43. Sharma G., Tyagi A.K., Singh R.P., Chan D.C.F. and Agarwal R. Synergistic anti-cancer effects of grape seed extract and conventional cytotoxic agent doxorubicin against human breast carcinoma cells. ***Breast Cancer Research and Treatment*** 85: 1-12, **2003**. **(Impact Factor 4.87).**

44. Singh R.P., **Sharma G.,** Mallikarjuna G.U., Sivanandhan D., Agarwal C. and Agarwal R. In vivo suppression of hormone-refractory prostate cancer growth by inositol hexaphosphate: induction of insulin-like growth factor binding protein-3 and inhibition of vascular endothelial growth factor. ***Clinical Cancer Research*** 10: 244-250, **2004**. **(Impact Factor 13.8).**

45. Sharma G., Singh R.P., Chan D.C.F. and Agarwal R. Silibinin induces growth inhibition and apoptotic cell

death in human lung carcinoma cells. ***Anticancer Research*** 23: 2649-2655, **2003**. **(Impact Factor 2.48).**

46. Singh R.P., **Sharma G.,** Sivanandhan D., Agarwal C. and Agarwal R. Suppression of advanced human prostate tumor growth in athymic mice by silibinin feeding is associated with reduced cell proliferation, increased apoptosis and inhibition of angiogenesis. ***Cancer Epidemiology, Biomarkers and Prevention*** 12: 933-939, **2003**. **(Impact Factor 4.55).**

47. **Sharma G.,** Singh R.P., and Agarwal R. Growth inhibitory and apoptotic effects of inositol hexaphosphate in transgenic adenocarcinoma of mouse prostate (TRAMP-C1) cells. ***International Journal of Oncology*** 23: 1413-1418, **2003**. **(Impact Factor 3.33).**

48. **Sharma G.,** Dinesh Kumar V., Haque A., Bhat S. R., Prakash S. and Chopra V.L. Brassica coenospecies: a rich reservoir for the genetic resistance to leaf spot caused by *Alternaria brassicae.* ***Euphytica*** 125: 411-417, **2002. (Impact Factor 1.69).**

49. Haque A. and **Sharma G.,** Mutant *Brassica juncea* lines with reduced linolenic acid. ***Journal of Genetics and Breeding*** 56 (4): 309-316, **2002**. **(ISSN: 0394-9257).**

50. **Sharma, G**., Saxena, SK and Ali A. Bio-conversion of ammonia wastewater by mixed cultures of nitrifiers. Indian Journal of Environmental Protection 12 (12) 923-926, 1992.

Research Articles selected for Commentary/ Highlights:

- Singh RP, Raina K, **Sharma G**, Agarwal R. Silibinin inhibits established prostate tumor growth, progression, invasion, and metastasis and suppresses tumor angiogenesis and epithelial-mesenchymal transition in transgenic adenocarcinoma of the mouse prostate model mice. ***Clinical Cancer Research,*** 14; 7773-80, **2008**.
  Commentary – CCR Translations by Rupal S. Bhatt and Glenn J. Bubley. The challenge of herbal therapies for prostate cancer. *Clinical Cancer Research,* 14; 7581- 7582, 2008.

Book Chapters:

1. **Girish Sharma**, Yuvraj Goyal, Simran Bhatia. "**Preclinical Animal Models of Cancer: Applications and Limitations**". *In: "Handbook of Animal Models and its Uses in Cancer Research"* [Dr. S. Pathak *et al*. (ed.)] Springer Nature Singapore, 2022. (Invited chapter).
2. Simran Bhatia[#], Yuvraj Goyal[#], **Girish Sharma**. "**Boon of Artificial Intelligence in Diagnosis of COVID-19**". *In: "*Intelligent Data Analysis for COVID-19 Pandemic*"* [Dr. M. Niranjanamurthy, Prof. Siddhartha Bhattacharyya, Dr. Neeraj Kumar (ed.); Series: Alogorithms for Intelligent Systems] Chapter 5, Springer Nature, 95-114, 2021. (Invited chapter) ([#] Both contributed equally).
3. **Girish Sharma**, Apoorva Arora, Sudhir Rawal. "Global epidemiology of prostate cancer". *In: "Complementary and Alternative Medicines in Prostate Cancer: A Comprehensive Approach"* [Dr. Ronald Hardman, **UK** (Series Ed.) and Dr. K. B. Harikumar (ed.)] *CRC Press,* (Taylor & Francis Group) **USA**. Pp 17-28, 2017. (Invited chapter).
4. **Girish Sharma** and Priya Goel. "HIV and Cancer: Understanding The Deadly Relationship". ***In: "Biotechnology – Possibilities & Potential"*** [SM Paul Khurana and Machiavelli Singh (eds.)] Studium Press LLC., **UK**. Pp 422-440, **2015**. **ISBN 978-1-62699-059-3.**
5. **Girish Sharma**, Dhan Prakash and Charu Gupta. Phytochemicals of nutraceutical importance: Do They Defend Against Diseases? **In:** ***Phytochemicals of Nutraceutical Importance*** [Dhan Prakash and Girish Sharma (eds.)] CABI, Nosworthy Way, Wallingford, Oxon, **UK**. Pp 1-19, **2014**. **ISBN: 987-1-78-64-363-2**

6. Charu Gupta, **Girish Sharma** and Daniel Chan. Resveratrol: A Chemo- Preventative agent with Diverse Applications. **In:** ***Phytochemicals of Nutraceutical Importance*** [Dhan Prakash and Girish Sharma (eds.)] CABI, Nosworthy Way, Wallingford, Oxon, **UK**. Pp 47-60, **2014**. **ISBN: 987-1-78-64-363-2**

7. Ali A., Murtaza I., Mishra S.C. and **Sharma G.** Operon mediated resistance to mercury and organomercurials in bacteria. **In: Microorganisms in Bioremediation.** [Markandey D.K. and Markendey N.R. (eds.)]. Capital Publishing Company, New Delhi, India. Pp. 91-104, **2002**.

8. Ali A., **Sharma G.,** Murtaza I. and Mishra S.C. Molecular mechanisms in mercury detoxification in bacteria. **In: Environment-2001: A Global Challenge,**

	Prof. S.Z. Qasim Felicitation Volume. [Mathur R., Sharma S. and Mathur A. (Eds.)]. CBS Publishers and Distributors, New Delhi, India. Pp. 179-189, **2001**.
/PATENTS: Two	• **Sharma Girish** and Srivastava Ashwani Kumar. "Cancer chemoprevention nutraceutical(s) and process for the preparation thereof". Patent Application No. 1019/DEL/2011. • **Girish Sharma**, Ashwani Kumar Srivastava, Charu Gupta and Dhan Prakash. "A novel nutraceutical product for use as adjuvant therapy in the prevention and/or treatment of breast cancer". Patent Application No. 2856/DEL/2011.
NCBI database Sequence Submitted	• Chand, S, **Sharma, G.** and Prasad, J.P. (2019). Submitted ***Bacillus flexus* strain SS 16 S ribosomal RNA gene, partial sequence (Accession No. MN420983)** of bacterial isolate MSD-11 (1010 bp) **to GenBank, NCBI database**, through Amity Institute of Biotechnology, Amity University Uttar Pradesh, NOIDA.
RESEARCH PROJECTS Completed: **02**	As Co-Investigator, **"Alterations of E-cadherin and SEMA3F in Lung Cancer". NCI/NIH**, P50 CA58187. (Completed). As Co-PI: "Socioeconomic development of rural population and their health management through training on functional food to combat anaemia and malnutrition". ***DBT, New Delhi.*** (Completed)
AWARDS & HONOURS/ DISTINCTIONS	**Ad-hoc Reviewer for Peer-reviewed Journals** • Molecular Carcinogenesis (Wiley) (**IF 4.185**) • BioMed Central (BMC) Complementary and Alternative Medicine (**IF 2.288**) • Journal of Plant Biochemistry and Biotechnology (I.F. 1.35) (Springer) • 3 Biotech Open Access journal (**IF1.36**) (Springer) • Food Science and Applied Biotechnology (FSAB) • World Journal of Urology (IF **4.226) -- (Springer Nature)** • Bioresources and Bioprocessing (Scopus indexed; IF **4.578 (Springer Nature)** • Applied Biochemistry and Biotechnology (IF **2.926 (Springer Nature)** • Biomass Conversion and Biorefinery (**IF 4.050**). **(Springer Nature)** • Environmental Science and Pollution Research (IF **5.190 -- (Springer)**

Fellowships received:

- Awarded Junior Research Fellowship **(JRF)** &
- Senior Research Fellowship **(SRF)** from **UGC** (1991-1996)
- Awarded **National Post-Doctoral Fellowship** from **Deptt of Biotechnology (DBT)** (Govt. of India)

Awards / Recognitions:

- Qualified Graduate Aptitude Test in Engineering **(GATE)** (1990)
- Selected for short term Scientist Training Course [(**DBT** (Govt. of India) **sponsored**] (1996)

- **Invited Judge**- Denver Metropolitan Science and Engineering Fair (USA) (2004-2007)
- **Invited Member**- Panel of Examiners for Medical Residents and Fellows (USA) (2006)
- Delivered over a dozen **Invited Talks** in National and International Scientific Meetings. (2004- till date).
- Member, Board of Studies (BOS)

- Member, SRC – Hamdard University;
  Amity Institute of Biotechnology.

- Member, DRC- Amity Institute of Virology & Immunology; Amity Institute of Anthropology.
- Member, Interview boards for selection of JRF/SRF/ RA.
- **Chairperson:** ***Scientific session IV-*** *Inflammation in Cancer and other Diseases* at UGC SAP sponsored National Conference on "Chronic Inflammatory Disorders" Organized by Department of Biochemistry, Faculty of Science & Department of Medical Biochemistry, HIMSR & HAHC Hospital, held at Jamia Hamdard, New Delhi, India February 13-15, 2014.
- **Organizing Secretary** of a two-day ***International Symposium*** on **"**Frontiers in Cancer Research: Prevention to Therapeutics" *organized by* **"**Amity Centre for Cancer Epidemiology and Cancer Research (ACCECR)" and Amity Institute of Biotechnology (AIB) along with co-organizers from USA – University of Colorado Denver, USA, University of Pittsburgh Cancer Institute, USA and University of Oklahoma Health Sciences Center, Oklahoma City, USA held at Amity University Uttar Pradesh, NOIDA. November 15–16, 2013.
- **Invited Panelist**: Participated in an Interactive Panel Discussion on **"Genetically Modified Crops and Food Security"** under the 157th AIC Lecture Series

	organized by Amity International Center (AIC), held at Amity University Uttar Pradesh (AUUP), NOIDA. March1, 2013. • **Convener : Committee for Scientific Sessions** --- 7th International Symposium of the International Society for the Development of Natural Products jointly with 6th National Symposium of the National Society of Ethnopharmacology, India and 1st International Symposium of Phytochemical Society of Asia on "Recent Advances in Natural Products", held at Amity University Uttar Pradesh, India. November 15-17, 2012. • **Chairman Technical sessions** National Symposium on HIV and AIDS: Biology to Bedside, Organized by Amity Science Technology and Innovation Foundation (ASTIF), Amity University Uttar Pradesh, India in collaboration with Pushpanjali Crosslay Hospital, Ghaziabad and AIDS Society of India. held at Amity University Uttar Pradesh, India. March 2012.
MEMBERSHIP with Professional/ Academic bodies	• Indian Association for Cancer Research (IACR), Mumbai, India • University of Colorado Cancer Center (UCCC), Colorado, USA. • American Association for Cancer Research (AACR), Philadelphia, USA • The Endocrine Society (ES), Chevy Chase Maryland, USA. • Association of Microbiologists of India (AMI), New Delhi, India.