Curriculum Vitae

Pramod Kumar Gautam, Ph.D.
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- **https://www.aiims.edu/en/2014-11-06-07-40-40/faculty/82-biochemistry/7257-dr-pramod-kumar-gautam.html**
- **https://orcid.org/0000-0001-7580-8846**
- **https://scholar.google.co.in/citations?user=PBcBKhwAAAAJ&hl=en**

Educational Qualifications:-

S. No.	Degree	University/ Board	Thesis topic/ Subjects studied
1.	Post Doc	BHU, Varanasi, U.P. India	Studies on the effect of Hsp70- peptides complex conjugated with gold nanoparticles on immune cells progenitor (HSCs) during pathogenesis of acute myeloid leukemia.
2.	Ph.D.	BHU, Varanasi, U.P. India	Studies on the effect of effect of autologous Hsp70 on phenotype and cell surface markers on macrophages in tumor bearing mice.
3.	M.Sc.	V.B.S. PU. Jaunpur, U.P. India	Biochemistry
4.	B.Sc.	D.D. U. GKP. University, U.P. India	Zoology, Botany, Chemistry

Academic Career

Position	Department	University/ Institution	Year
Additional Professor	Biochemistry	AIIMS, New Delhi	**2023------ Interview pending**
Associate Professor	Biochemistry	AIIMS, New Delhi	**2020-2023**
Assistant Professor	Biochemistry	AIIMS, New Delhi	2016
DST Inspire Faculty	Biochemistry	AIIMS, New Delhi	2016

Administrative Positions/Activities

S.N.	Position	Department	University/ Institution	Year

1	Transport committee, AIIMS, New Delhi	Administrative work	AIIMS, New Delhi	2023
2	Nodal officer COVID control	Biochemistry	AIIMS, New Delhi	**2020----**
3	Ph.D. course work in charge	Biochemistry	AIIMS, New Delhi	2019---
4	Assistant Store In charge	Biochemistry	AIIMS, New Delhi	2016….
5.	Dept. Level Tissue Culture Facility In- charge and different Instrument In-charge	Biochemistry	AIIMS, New Delhi	2017---

Academic Activity

	Under Graduate (MBBS)
1.	Classes
2.	Practical's
3.	PBL & Case Discussion
	Post Graduate (MD, MSC, PhD)
1	Classes
2	Practical's
3	PBL & Case Discussion
4	Journal Clubs
5.	Seminars
6.	In-charge PhD Course work (Dept. of Biochemistry)

Lecture/Workshops Organized

1.	Organized, Workshop (Central Instrument Facility), Part of Ph.D. coursework, 2019, 2021, 2022, 2023
2.	Organized, Workshop on Handling and Care of Laboratory in 2019
3.	Organized, Lecture on Ethics, Part of Ph.D. coursework, 2019, 2020. 2021

Membership of Society

1	Life member of the Indian Immunology Society, India	171/11/2011 IIS, India
2	Member of the International Society of Exercise and Immunology	
3	Life Member of Cancer Immunotherapy (CIMT), Germany	G11
4	The Science Advisory Board	114639
5.	Indian association of Cancer Research (IACR)	LM/1237
6.	Indian academy of Biomedical Sciences (IABS)	362/22
7.	Association of Clinical Biochemistry	3990

Organization of National/International Conferences/Symposium/workshop

1.	Working on 2 days Bioinformatics workshop, Part of Ph.D. coursework

Training and workshops

S. No.	Titles	University/Institute	Year	Type Of Item
1.	Bioethics In Healthcare & Research	AIIMS, New Delhi	2017	Workshop
2.	Research Methodology Course	AIIMS, New Delhi	2017	Workshop
3.	Microteaching	AIIMS, New Delhi	2017	Workshop
4.	Basic Course In Medical And Health Professionals	AIIMS, New Delhi	2018	Workshop
5.	Radiation Safety In Teaching And Research	Banaras Hindu University, Varanasi & Atomic Energy Regulatory Board, Mumbai	2011	Workshop
6.	Writing Research Paper	Nasi, India at Banaras Hindu University, Varanasi	2011	Workshop
7.	Bioinformatics Tools Techniques And Applications	DBT, New Delhi & Department Of Higher Education Government Of Utter Pradesh At University Of Lucknow, U.P. India	2012	Workshop
8	CSIR Sponsored Summer School And Training Program	CIMAP, Lucknow, U.P. India	2005	Workshop

Awards/Honors

S. No.	Name of Award/Year	Awarding Agency
1.	DST Inspire Faculty Award/2015	DST, New Delhi
2.	UGC-Post-Doctoral Fellowship/2014	UGC, New Delhi
3.	Best Poster Presentation Award/2011	National institute of Immunology, New

		Delhi
4.	UGC-JRF & SRF/ 2010	UGC, New Delhi
5	CSIR-NET,2009 GATE, 2008 and ARS-NET-2009	CSIR, ICAR, IISC,

Personnel Trained (Cancer research)

Over 10, from 2016-onwards, including Graduate Students, Research Scholars, Research Assistants, Research Associates, Post-doctoral Fellows.
M.Sc. Dissertation: 10
M.Phil. Degree awarded: NA
Ph.D. Degree awarded: 0
Post-Doctoral Fellows/RA: 1
MD Thesis Awarded:- 1
PhD. Thesis:
Current Research Group (2022): 2 Ph.D. Students, 1 PDF/Research Associate, 1 JRF, 1 Project Assistant, 2 M.Sc. Trainees.

List of Student registered as supervisor/ Co- supervisor/DC member

(Chief –supervisor)

S. No.	**Title of the project**	**Student Name**	**Year**	**Degree**
1	Role of Macrophages phenotype in the regulation of mesenchymal stem cell migration and development in breast cancer	Ms. Anita Thesis writing permission granted	2018	PhD
2.	Effect of bioconjugated chemotherapeutic molecules on stem cell, cancer stem cells and their associated microenvironment	Mr. Khushwant Singh (Thesis writing permission granted)	2018	PhD
3.	To study the immunomodulatory effect of tumor derived exosomes on gamma delta cells	Ms. Rupinder Kaur	2020	PhD
4.	Comparative analysis between different stage Cancer patients to discover Novel Blood – based biomarkers for detection of early stage breast cancer- A pilot study	Dr. Marilyn Masih (Completed)	2020	MD
5.	Detection of prostrate cancer biomarker using sensitive and rapid lateral flow device with diagnostic and prognostic significance	Dr. Sonam Agarwal	2020	ICMR-RA

(Co –supervisor/Dc member)

S. No.	Title of the project	Student Name	Degree	Year	Collaborating faculty/department/institution
1	Role of hyperglycemia on macrophage effector function in pulmonary tuberculosis		PhD Thesis:		Dr. Archana Singh Department of Biochemistry AIIMS, New Delhi-110029
2.	Influence of different grades of hyperglycemia on innate immune response in pathophysiology of active tuberculosis		PhD Thesis:		Dr. Archana Singh Department of Biochemistry AIIMS, New Delhi-110029
3.	To study the role of B cells on macrophage polarization and their effector functions in immunopathogenesis of pulmonary tuberculosis		MSc Thesis:		Dr. Archana Singh Department of Biochemistry AIIMS, New Delhi-110029
4.	Effect of benidipine alone and in combination with bosentan and sildenafil in monocrotaline induced pulmonary hypertension in rats		MSc Thesis:		Dr. H. N. Yadav Dept of Pharmacology, AIIMS, New Delhi-110029
5.	Analysis of the role of few biomarkers in thyroid carcinoma	Hema Yadav	PhD thesis	2022	Dr. Riyaz A Mir
6					

Alumni Student

S.N.	Name of the student	
1	Ms. Dristhi (M.Sc. dissertation trainee)	
2	Sakshi Mittal (M.Sc. dissertation trainee)	
3	Neha (B.Sc. dissertation trainee)	
4	Mobashir Hamad (M.Sc. dissertation trainee)	
5	Jehangir Shah Syed bukhari (M.Sc. dissertation trainee)	
6	Nidhi Pandey ((M.Sc. dissertation trainee)	

Reviewer and Editorial Board Member for Peer-reviewed Journals

1. Red flower publication (2016 onward)
2. Member of Editorial Board of IRA publication (2016 onward)
3. International journal of gastrointestinal cancer (2016 onward)
4. Journal of Nano particle research (2016 onward)
5. Journal of Leukemia Research (2016 onward)

Research Interests

Key words:- Carcinogenesis, Cancer Chemoprevention, Cell Signaling, Cell Cycle, Cancer Stem Cells, stem cell regeneration

The areas of interest in carcinogenesis are cell cycle, mitogenic and cell survival signaling, and apoptosis, tumor angiogenesis, DNA damage/repair and organ specific carcinogenesis, including that of Breast cacner, Prostate cacner, and H&N cancer etc. Discovering and evaluating anticancer activities of small bio-molecules and plant extracts and providing scientific basis (mechanisms) for their effectiveness in regressing carcinogenesis. Of specific importance is the understanding of mechanisms at all levels viz., molecular, cellular and organ levels in both in vitro as well as in vivo animal model systems. The goal is to develop mechanism-based non-toxic anticancer agents for their potential use in cancer management by targeted drug delivery and early detection of cancer.

Research Contributions (selected)

- Scientific contributions have been made in the area of cancer chemopreventive drug desingning & discovery. Studies have led to the discovery of many novel mechanisms of action of chemopreventive agents against various cancers as evident from publications and citations. More importantly, the extensive work paved the way for a chemopreventive biopeptide Hsp70, β-defensin in human Breast cancer, Head & Neck cancer prostate cancer patients.
- We identified Hsp70 SBD domains containing tumor-associated antigen which boost anti-tumor function and immunomodulatory effect in macrophages and TAMs.
- We identified Hsp70 autologous treatment enhances the host survival rate as compare to control.

- We identified molecular markers in early and late-stage breast cancer patients which help to identify Stage 1 patients which is very rare. (Work is under process)
- We identified that these agents interfere with the process of angiogenesis to inhibit tumor vascularization and its growth and progression.
- We identified that WS and TC, a flavonoid, can sensitize cancer cells for chemotherapy. IP6 (inositol hexaphosphate) works selectively against prostate cancer cells.
- Recently we identified that M1 macrophage facilities the tumor associated MSCs tumor promoting function into tumor-suppressing function.
- Recently we identified that tumor derived exosomes facilitate tumor progression and proteomic data shows they cargo several miRNA.
- Recently we identified that several nanoparticles such as Au, Ag, Se, facilitate anti-tumor function as well as immunomodulation but it also effect normal function of control cells.

Collaborations and Support: -

National Collaborations

1. Prof. R. P. Singh, SLS, Jawaharlal Nehru University, New Delhi
2. Prof. B. Ram, Associate Professor, Department of Ayurveda, Institute of medical Sciences, Banaras Hindu University, India
3. Dr. Ashok Kumar, Scientist G, IGIB, New Delhi
4. Dr. Archana Singh, Associate Professor, Department of Biochemistry, AIIMS, New Delhi
5. Dr. Neeraj Kumar, Scientist D, Translational Health Science and Technology Institute, New Delhi.
6. Dr. Brijesh Kumar, Department of Pharmacogy, Institute of medical Sciences, Banaras Hindu University, India.
7. Prof. P.K. Mishra. Department of Biochemical Engineering and Biotechnology, IIT Delhi.
8. Dr. Kashyap Debey, CBT, JNU, New Delhi
9. Dr. Ved Prakash Dwivedi ICGEB, New Delhi.
10. Dr. Sandeep Bhoriwal, Surgical oncology, IRCH,AIIMS, New Delhi
11. Dr. Suhani, Trauma Center, AIIMS, New Delhi
12. Dr. Riyaz. A Mir. AIIMS, New Delhi

International Collaborations: -

1. Dr. N. Singh. Biochemistry and Molecular Biology, Augusta University, USA

Research Projects

S. No.	Title of Project	Funding agency	Fund	Tenure	Chief Investigator/ Co-Investigator
1	Role of Macrophage in the regulation of Bone and Blood forming stem cell and progenitor cells migration and development	DST, New Delhi	35 Lakh	2017-2022	Chief Investigator (Completed)

2.	Development of targeted drug delivery using liposomes/nanoparticles on cancer stem cell using herbal plant extract and hsp70- tumor antigen and to evaluate its anti-tumor function	SERB,DST, New Delhi	49 Lakh	2019-2022	Chief Investigator (Completed)
3.	To emphasis the role of macrophage phenotype on mesenchymal stem cell in breast cancer	IRG, AIIMS, New Delhi	10 Lakh	2020-2022)	Chief Investigator (Completed)
4.	To study the role of β-defensin on stem cells, cancer stem cells remodelling and its associated microenvironments	IRG, AIIMS, New Delhi	10 Lakh	2018-2020)	Chief Investigator (Completed)
5.	Development of single cell derived clonal spheroids as a tool for drug discovery in cancer research with focus on HNC	SERB,HRHR, DST, New Delhi	5.93 Cr	2018-2021	CO- Investigator
6.	Artificial Intelligence in oncology: Harnessing big data and advanced computing to provide personalized diagnosis and treatment for cancer patient	MEITY, New Delhi	2.8 Cr	2018-2022	CO- Investigator
7.	Evaluation of tumor-derived exosomes in blood during pre and post treatment of pancreatic cancer patients	Inter-disciplinary IRG, AIIMS, New Delhi	20 lakh	2021-2023	Chief Investigator
8.	A pilot study evaluating role of Homoeopathic medicine in Cancer patients as adjuvant treatment to chemotherapy/radiotherapy, and correlating with Molecular Profiling	DBT, GOI	1 Cr	2021-2024	CO- Investigator
9.	Immuno-epigenetics study of the humoral immune response in covid-19 patient from India,	SERB-IRHPA, DST, New Delhi	80 Lakh	2020-2023	CO- Investigator
10.	Study of humoral immune response and its genetic correlates in infection free "resisters" among household contacts of adult pulmonary tuberculosis.	Funding agency	39 Lakh	2022-2025	CO- Investigator
11.	Role of M1 macrophage on DNA methylation and PI3K-AKT Signaling Pathway analysis in tumor-associated mesenchymal stem cells in Breast cancer	IRG, AIIMS, New Delhi	10 Lakh	2022-2024)	Chief Investigator

List of Invited Talks/ Chairing of Scientific Sessions

1. Invited talk (Oral talk) on "A whole exosome sequencing-based approach to identify miRNA in prognostic and diagnostic applications in Pancreatic Ductal Adenocarcinoma" at 49th ACBICON held atThruvanantpuram, Kerla, India. (14-16 sept. 2023)
2. Invited talk on "The diverse role of HSP70 in immunomodulation and anti-tumor potential in cancer" at NIMHANS, Banglore, held at Kerla, India. (3-5 March, 2023)
3. Invited for chair the secession and poster judge in "Mitochondria, Cell Death, and Human Diseases" organized by SLS, JNU, New Delhi. (18-19 Feb 2023).
4. Invited and presented a poster on "Treat-after-too: Strategies for the early stage screening and targeted drug delivery for cancer" at 45th All India Cell Biology Conference & International Symposium on Biology of Development and Disease orgganised and held at Banaras Hindu University, Varanasi, India. (20-23 Jan 2023).
5. Invited talk on "Trend of blood-based biomarkers for early detecon of breast cancer" at 16th Cancer symposia on translational chemoprevention brainstorming organized by SLS, JNU, New Delhi. (18-19 Nov 2022).
6. Invited for chair a secession in ICAN 2021 organized by AICERA. (online) (7-8 sep 2022).
7. Invited talk on "Targeted drug delivery using nanomaterials bioconjugates"at ICOR organized by Lumimind (online) (7-8 sep 2022).
8. Invited for Jury for "YSC 2020- Current Pandemic & Future Crisis" organized in science India fest.
9. Participated in RESMO organized by Dept. of medical Oncology, AIIMS, New Delhi held on 14th-15th feb 2020.
10. Invited Talk on "Herbal Plant Extract Based Synthesized Metal Nanoparticle Enhances Anti-Tumor potential" at 140th conference on Global congress & Expo on Biomaterial at Kuala Lumpur, Malaysia, organized by Scientif federation. (May 13-14, 2019).
11. Participated in 45th Annual meeting of Indian Immunological Society on Immunotherapy and Advances in Immunology organized by THSTI, Faridabad. (1 -3 oct 2018).

List of Publication

1. Khushwant Singh, Pramod Kumar Gautam. Emulating the Role of Neutrophils in Head and Neck Cancer Microenvironment: Prognostic Role and Therapeutic Strategies J Cancer Immunol. 2023;5(2):61-73.
2. Anita Chauhan, Sonam Agarwal, Marilyn Masih, Pramod Kumar Gautam. The Multifunction Role of Tumor-Associated Mesenchymal Stem Cells and Their Interaction with Immune Cells in Breast Cancer. Immunol Invest. 2023:24;1-23.
3. Sonam Agarwal, Anita Chauhan, Pramod Kumar Gautam Immunomodulatory effects of β-defensin 2 on tumor associated macrophages induced antitumor function in breast cancer. Advances in Cancer Biology - Metastasis 7 (2023) 100102
4. Sonam Agarwal, Anita Chauhan, Khushwant Singh, Kunal Kumar, Rupinder Kaur, Marilyn Masih and Pramod Kumar Gautam. Immunomodulatory effects of β-defensin 2 on macrophages induced immuno-upregulation and their antitumor function in breast cancer. BMC Immunology. 2022; 23-53.
5. Marilyn Masih, Sonam Agarwal, Rupinder Kaur, Pramod Kumar Gautam. Role of chemokines in breast cancer. Cytokine. 2022;155:155909.
6. Sanjay Kumar, Minshu Prashan, B. Ram, K. N. Dwivedi, Pramod Kumar Gautam. Role of Katankateryadi Kwatha in Insulin Secretion and Restoration of Biochemical Changes in

Streptozotocin-Nicotinamide Induced Diabetes Mellitus Type 2 in Rats. Int J Appl Biol Pharm 2021; 12 (3): 362-379.
7. R K Singh, S Kumar, M S Tomar, P K Verma, S P Singh, P K Gautam, A Acharya. Classical Protein Kinase C: a novel kinase target in breast cancer. Clin Transl Oncol. 2019;21(3):259-267.
8. Rishi Kant S, Sanjay K, Munendra Singh T, Praveen Kumar V, Surya Pratap S, Pramod KG and Arbind A. Spatial Regulation of PKC by Pharmacological Approaches in Cancer: Are We There Yet? Biotechnol Ind J. 2018;14(2):162.
9. Rishi Kant S, Sanjay K, Munendra Singh T, Praveen Kumar V, Surya Pratap S, Pramod KG and Arbind A, PKCα: regulation and implication for cellular transformation. MOJ Tumor Res. 2018; 1(2):44-47.
10. Munendra Singh Tomar, Sanjay Kumar, Sanjay Kumar, Pramod Kumar Gautam, Rishi Kant Singh, Praveen Kumar Verma, Surya Pratap Singh & Arbind Acharya (2017). NK Cell Effector Functions Regulation by Modulating nTreg Cell Population During Progressive Growth of Dalton's Lymphoma in Mice. Journal Immunological Investigations. 2017; 47: 40-56.
11. Pramod Kumar Gautam, Sanjay Kumar, M.S. Tomar, Rishi Kant Singh, A. Acharya, Sanjay Kumar, B. Ram. (2017). Selenium nanoparticles induce suppressed function of tumor associated macrophages and inhibit Dalton's lymphoma proliferation. Biochem Biophys Rep. 2017.21;12:172-184.
12. Rishi Kant Singh, Sanjay Kumar, Pramod Kumar Gautam, Munendra Singh Tomar Praveen Kumar Verma,Surya Pratap Singh, Sanjay kumar &Arbind Acharya. (2017). Protein kinase C-α and the regulation of diverse cell responses. Biomolecular Concepts. doi.org/10.1515/bmc-2017-0005.
13. Rishi Kant Singh, Sanjay Kumar, Pramod Kumar Gautam, Munendra Singh Tomar Praveen Kumar Verma,Surya Pratap Singh, Sanjay kumar &Arbind Acharya. (2017). Protein kinase C-α and the regulation of diverse cell responses. Biomol Concepts 2017 Sep 26;8(3-4):143-153.
14. Pramod Kumar Gautam, Sanjay Kumar, Tomar MS, Rishi Kant Singh, Acharya A, Ritis Shyanti K, Anita, Sonal Swaroop, Sanjay Kumar and B Ram. Biologically Synthesized Gold Nanoparticles using Ocimum sanctum (Tulsi Leaf Extract) Induced Anti-Tumor Response in a T Cell Daltons Lymphoma. J Cell Sci Ther. 2017; 8:6.1-12.
15. Munendra Singh Tomar, Sanjay Kumar, Pramod Kumar Gautam, Sanjay Kumar, Rishi Kant Singh, Praveen Kumar Verma, Surya Pratap Singh, Amit Kumar and Arbind Acharya. NK cell as a Novel Tool to Regulate and Inhibit the Progressive Growth of Tumor after Chemotherapy. Canc Therapy & Oncol Int J.2017;8(1):1-3.
16. Sanjay Kumar, Pramod Kumar Gautam, Munendra Singh Tomar & Arbind Acharya. CD28-mediated T cell response is upregulated by exogenous application of autologous Hsp70–peptide complex in a tumor-bearing host. Immunol Res (2016) 64:313–323.
17. Praveen kumar verma, pramod kumar gautam, sanjay kumar, m. S. Tomar, rishi kant singh, s. P. Singh, a. Acharya.tumor progression decreased life span of male mice as compare to female mice. Int. J. Adv. Res.eng. Applied sciences 2016.5(10) 30-45
18. Pramod K. Gautam & Arbind Acharya. (2015) suppressed expression of cd80 (b7.1) and cd86 (b7.2) receptors in tams up-regulated by autologous hsp70– peptide comlex in dalton's lymphoma bearing balb/c mice. IJRST 5(III):106-127.
19. Pramod K. Gautam & Arbind Acharya.(2015) Antigenic Hsp70-peptide upregulate altered suppressed expression of docking receptor ICAM-1 in TAMs increases in Dalton's lymphoma bearing mice. IJRST 5(III):86-105.

20. Pramod Kumar Gautam & Arbind Acharya. (2015). Antigenic Hsp70–peptide upregulate altered cell surface MHC class I expression in TAMs and increases anti- tumor function in Dalton's lymphoma bearing mice. Tumor. Biol. Tumor Biol. 36:2023–2032.
21. Pramod Kumar Gautam, Sanjay Kumar, Arbind Acharya. (2015) Non-mammalian Animals as Experimental Models for Modern Scientific Research. IJAREAS. 2015; 4(9):67-76.
22. Kumar S, Gautam PK, Acharya A. (2015). Aqueous extract of Withania somnifera (ashwagandha) root an indigenous medicinal plant enhances antigen specific cell- mediated immune response (CMIR) in a T cell lymphoma. IJAREAS. 4(8), 12-28.
23. Pramod K. Gautam & Arbind Acharya. (2014) Suppressed expression of homotypic multinucleation, extracellular domains of CD172α (SIRP-α) and CD47 (IAP) receptor in TAMs up-regulated by Hsp70-peptide complex in Dalton's lymphoma. Scan.J.Immunol.2014;80;22-35.
24. Gautam PK, Deepak P, Kumar S, Acharya A. Morphological effects of autologous hsp70 on peritoneal macrophages in a murine T cell lymphoma. Tumor Biology. 2013; 34:3407–3415.
25. Kumar S, Deepak P, Kumar S, Gautam PK, Acharya A. (2013) A benzophenanthridine alkaloid, chelerythrine induces apoptosis in vitro in a Dalton's Lymphoma. J Cancer Res Ther.2013;9(4):693-700.
26. Gautam PK, Maurya BN, Kumar S, Deepak P, Kumar S Jr, Tomar MS, Acharya A. (2013). Progressive growth of a murine T cell lymphoma alters population kinetics and cell viability of macrophages in a tumor-bearing host. Tumor Biol. 34:827–836.
27. Gautam PK, Deepak P, Kumar S, Acharya A. Role of macrophage in tumor microenvironment: prospect in cancer immunotherapy. Euro. J. Inflammation. 201310(1): 1-14.

List of Abstract Poster/workshop: -

1. Gautam PK, Kumar S, Deepak P and Acharya A. Progressive growth of Dalton's lymphoma induces early increase in polarized type II phagocytic cell population at the tumor microenvironment. 6th Biyani's International Conference-2011 (BICON-11) on Innovations in the Latest Healthcare Issues, Sept 19-20, 2011, Biyani Girls College, Jaipur, India.
2. Pramod K. Gautam, Sanjay Kumar, Babu N. Maurya, Arbind Acharya. Heat shock protein-70 induced morphological changes in murine peritoneal macrophages in a T cell lymphoma. International Symposium on Cancer Biology, Nov 14-16, 2011, National Institute of Immunology, New Delhi, India.
3. Sanjay Kumar, Praveen Deepak, Sanjay Kumar, Pramod K. Gautam, Babu N. Maurya, Arbind Acharya And Raj Kumar Prajapati. Protein kinase C inhibitor chelerythrine induces tumor cell apoptosis and growth delay of Dalton's lymphoma in vivo. International Conference on Cancer Prevention, Diagnosis & Treatment, January 21-22, 2012, Center of Advanced Studies, Department of Zoology, University of Rajasthan, Jaipur, India.
4. Sanjay Kumar Jr, Praveen Deepak, Sanjay Kumar, Pramod K. Gautam, Babu N. Maurya, , Arbind Acharya And Raj Kumar Prajapati. Inhibition of Protein kinase C induces apoptosis of tumor cell in a mice bearing T cell lymphoma. International Symposium on Recent Advances in Cancer Research: Therapeutics to Chemoprevention, Feb 8-9, 2012, School of Life Sciences, Central University of Gujrat, Gandhinagar, India.
5. Deepak P, Kumar S, Kumar S, Jr, Gautam PK, Acharya A. Different Exercise paradingms induced Hsp70 enhances cell mediated immunity in a T cell lymphoma murine model. Brain Storming Meeting on Advances in Neuroendocrinology, Feb 14-15, 2011, Department of Zoology, BHU, Varanasi, India.

6. Babu N. Maurya, Sanjay Kumar, Pramod K. Gautam, Arbind Acharya. Progressive growth of Dalton's lymphoma modulates nitric oxide production in murine peritoneal macrophages. National Conference on Frontiers in Biological Sciences, Dec 4-5, 2011, V.B.S. Purvanchal University, Jaunpur, Uttar Pradesh, India.
7. Pramod K. Gautam, Praveen Deepak, Sanjay Kumar, Sanjay Kumar Jr, Babu N. Maurya, Raj K. Prajapati, Arbind Acharya. Anti-sera pre-coating enhances adherence of myeloid-derived suppressor cells (MDSC) of monocytic lineage. 22nd All India Congress of Zoology and National Seminar on "Recent Advances in Biological Sciences: Biodervisity and Human Welfare" (NSBHW) Dec 29-31, 2011 at Department of Zoology, University of Lucknow, India.
8. Deepak, Sanjay Sanjay jr Kumar, Praveen Kumar, Pramod K. Gautam, Arbind Acharya. Interleukin-13 enhances CD4+ T helper 2 cell polarization in hyper immunized BALB/c mice. 5th congress of the federation of the immunological societies of asia oceania. March 14-17, Hotal Le Meridien, New Delhi, India.
9. Sanjay Kumar Jr, Praveen Deepak, Sanjay Kumar, Pramod K. Gautam, Babu N. Maurya, Arbind Acharya And Raj Kumar Prajapati. A Benzophenanthridine Alkaloid, Chelerythrine Induuced Apoptosis through Bax and BCL-Xs Dependent Mechanism in Murine T cell Lymphoma. 5th congress of the federation of the immunological societies of asia oceania. March 14-17, Hotal Le Meridien, New Delhi, India.(Abstract).
10. Pramod K. Gautam, Praveen Deepak, Sanjay Kumar, A, Acharya. HSP-70 induced multinucleation on murine peritoneal Macrophages in T cell lymphoma. 39th annual conference of Indian immunological society. Nov, 9- 11, Varanasi, 2012.
11. Babu N. Maurya, Pramod K. Gautam, Sanjay Kumar Jr, Sanjay Kumar, Praveen Deepak, Arbind Acharya. Progressive growth of Dalton's lymphoma suppresses pro-inflammatory cytokines releases in murine peritoneal macrophages. 39th annual conference of Indian immunological society. Nov, 9-11, Varanasi, 2012.
12. Sanjay Kumar Jr, Praveen Deepak, Sanjay Kumar, Pramod K. Gautam, MS Tomar, Arbind Acharya. Chelerythrine inhibits the translational activitation of HSF-1 in a murine T cell lymphoma. 39th annual conference of Indian immunological society. Nov, 9-11, Varanasi, 2012.
13. Pramod k. Gautam, Acharya A. Suppressed expression of docking Intracellular Adhesion Molecule-1 (ICAM-1 or CD54) receptor in Tumor associated macrophages up-regulated by hsp70-peptide complex in Dalton's lymphoma. International conference on harmony with nature in context of ecotechnological interventation and climate changes. Nov 11-13, 2013 at D.D. U. Gorakhpur University, India.
14. Sanjay Kumar, Pramod Kumar Gautam, Nitish Kumar Srivastava2 and A. Acharya. Aqueous extract of Withania somnifera induces cell-mediated immune response in a T cell lymphoma bearing mice. National conference on Biotechnology and Human welfare: New Vistas. March, 21-22, 2015.
15. Pramod Kumar Gautam & Arbind Acharya. Suppressed Expression Of Cd80 (B7.1) And Cd86 (B7.2) Receptors In Tams Up-Regulated By Hsp70– Peptide Complex In Dalton's Lymphoma Bearing Balb/C Mice. J Clin Immunol (2015) 35:305–328
16. Pramod K. Gautam, Arbind Acharya. Autologous Hsp70-Peptide Complex Enhances The Expression Of Adhesion, Fusion Receptors, HLA And Costimulatory Molecules On Murine Peritoneal Tams In A T Cell Lymphoma . 6th congress of the federation of the immunological societies of asia oceania. 30July-03 July, 2015.
17. Invited Talk on Herbal Plant Extract Based Synthesized Metal Nanoparticle Enhances Anti-Tumor potential in Global congress and expo on Biomaterials, May 13-14, 2019.

18. Anita & Pramod Kumar Gautam "The effects of peritoneal macrophages on the cellular behaviors of mouse bone marrow mesenchymal stem cells (MSCs)" presented in IMMUNOCON 2019 held at Mumbai dated 14th-16th November 2019.
19. Anita & Pramod Kumar Gautam "Biosynthesis and characterization of gold nanoparticle using *Ocimum sanctum* (tulsi leaf extract) and evaluating anti-tumor activity in Daltons lymphoma cell line." presented in IMMUNOCON 2017 held at Ahmedabad during December 14-16, 2017.
20. Anita & Pramod Kumar Gautam "The effects of peritoneal macrophages on the cellular behaviors of mouse bone marrow mesenchymal stem cells (MSCs)" presented in IMMUNOCON 2019 held at Mumbai dated 14th-16th November 2019.
21. Anita & Pramod Kumar Gautam "Biosynthesis and characterization of gold nanoparticle using *Ocimum sanctum* (tulsi leaf extract) and evaluating anti-tumor activity in Daltons lymphoma cell line." presented in IMMUNOCON 2017 held at Ahmedabad during December 14-16, 2017.