




## University Faculty Details Page on DU Web-site

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Title	Prof.	First Name	ALO	Last Name	NAG	Photograph
Designation		<b>Professor</b>				
Department		<b>Biochemistry</b>				
Address (Campus)		Department of Biochemistry Univ. of Delhi South Campus New Biotech Building - 2 <sup>nd</sup> Floor Benito Juarez Road, Dhaula Kuan New Delhi- 110021				
Phone No (Campus)		<b>Extn. 7363</b>				
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Web-Page		<b>http://biochem.du.ac.in/web/</b>				
<b>Education</b>						
Subject	Institution	Year	Details			
Ph.D.	University of Delhi South Campus	1999	Biochemistry			
M.Sc.	University of Delhi South Campus	1993	Biochemistry			
B.Sc.	University of Delhi	1991	Biochemistry (Hons)			
<b>Career Profile</b>						
Organisation / Institution	Designation	Duration	Role			
Univ. of Illinois at Chicago, U.S.A. Department of Biochemistry and Molecular Genetics	Postdoc Fellow	1999- 2001	Identification of interacting partners of damaged DNA binding proteins			
Univ. of Illinois at Chicago, Department of Biochemistry and Molecular Genetics	Senior Scientist	2002-2004	Study of the role of Cul4A (Ubiquitin Ligase) in oncogenesis and cell cycle regulation.			
Northwestern Univ., U.S.A. Robert Lurie Cancer Center	Instructor	2004-2007	Worked as a team leader on HPVE6 interactor protein hADA3 in acetylation of p53, study of its <i>in-vivo</i> functions by generating knock-out mouse models.			
Department of Biochemistry, University of Delhi	Reader	2007-2010	Teaching and Research			
Department of Biochemistry, University of Delhi	Associate Professor	2010-2014	Teaching and Research			
Department of Biochemistry, University of Delhi	Professor	2014- Present	Teaching and Research			

### Administrative Assignments :

Head of Department, Biochemistry- October 2021-Present  
Dean, Faculty of Interdisciplinary and Applied Sciences - October 2021-Present  
Provost, Geetanjali PG Women Hostel, UDSC – January 2020 - Present

Head of Department (Acting), Biochemistry- December 2019 – October 2021  
Dean (Acting), Faculty of Interdisciplinary and Applied Sciences - December 2019 – October 2021  
Head of Department (Acting), Biophysics - December 2019 - Present

Member, Board of Research Studies, Faculty of Interdisciplinary and Applied Sciences  
Member, Faculty of Interdisciplinary and Applied Sciences  
Teacher-in-charge for Imaging systems, CIF, UDSC  
Executive Council Member on the Managing Committee of Geetanjali PG Women hostel, UDSC  
VC nominee to Doctoral Research Committee, Department of Zoology, DU (2017-19)  
University representative on the Governing Body of A&U Tibbia College

### Research Interests / Specialization

Cell cycle regulation, Molecular mechanisms of cellular transformation, Novel tumor suppression pathways, Development of targeted anti-cancer strategies, Post-translational mechanisms in human and malarial parasite.

**Research Activities: CANCER:** The major focus of our research has been to enhance basic understanding of the molecular mechanisms of tumor development and combat cancer through **discovery of novel molecular targets**. The lab is actively involved in investigating enigmatic functions of **Human Papillomavirus**. This as an effort towards identification of novel molecular targets against HPV related malignancies including **Cervical cancer**, a major killer among Indian women. The lab is interested in several cancer therapy targets including FoxM1 and E3 ligase, Cul4A. FoxM1, a master regulator of cell cycle implicated in **oncogenesis and metastasis**. Study of tumor suppression mechanisms is yet another research focus of the lab.

**MALARIA:** Investigating the significance of post-translational machinery in *Plasmodium falciparum* and Discovery of anti-malarial targets

### Teaching Experience (Subjects/Courses Taught)

Teaching **Molecular Biology** and **Developmental Biology** course to M.Sc. and Ph.D. students since 2007. Also, supervising M.Sc. practicals (Semester II) related to Cell Culture and Gene Expression in Mammalian Cells; guiding one year long dissertation for M.Sc. (Sem III and IV).

Taught **Molecular Biology** and **Developmental Biology** course to M.Phil. (Biotechnology) students from 2007-2016.

### Research Guidance

Supervision of Doctoral Thesis

Ph.D. Degree Awarded : Five ; Thesis submitted : One  
Under Progress : Six

### Honors/ Awards/ Distinctions

1. Appreciation award from Carcinogenesis Foundation, USA for organizing the **2012** International Carcinogenesis conference in India.
2. Invited as Research Scientist Fellow in University of Illinois at Chicago, USA, from May to July, **2012**.

3. Postdoctoral Travel Award by American Society for Biochemistry and Molecular Biology for attending ASBMB/ASPET 2000 Meeting, Boston, USA.
4. Young Scientist travel award by Council of Scientific and Industrial Research (CSIR, India) to attend the 17<sup>th</sup> International Congress of Biochemistry and Molecular Biology Conference, 1997, San Francisco, California.
5. Young Scientist award in the 4th International Symposium on Biochemical Roles of Eukaryotic Cell Surface Macromolecules, 1996, New Delhi, India.
6. Qualified National Eligibility Test in 1993 which is conducted by Council of Scientific and Industrial Research (CSIR, Government of India) and awarded the University Grants Commission Fellowship for carrying out research from 1993-1998.
7. Scholarship awarded by Chanakyapuri Rotary Club (Delhi, India) for outstanding academic performance during Masters in Biochemistry (1991-1993).

#### Conference Organization :

1. Served as **Local Organizing Secretary** of the International conference "Carcinogenesis 2012" entitled "Frontiers in Carcinogenesis and Preventive Oncology: Molecular Mechanisms to Therapeutics". The conference was held at the Ram Manohar Lohia Hospital, New Delhi from 19<sup>th</sup> to 21<sup>st</sup> November 2012.
2. "Frontiers in Biological Sciences" March 16, 2012, S.P. Jain Auditorium, University of Delhi South Campus, New Delhi.
3. "Emerging Trends in Globin Research: Need to Imbibe New Approaches and Technologies" February 6, 2010, Biotech Centre Auditorium, University of Delhi South Campus, New Delhi.

#### Peer Reviewed Publications

1. Cheema, P.S., Nandi, D. and **Nag, A. (2021)**. "Exploring the therapeutic potential of Forkhead box O for outfoxing COVID-19", *Open Biology* 11(6):210069. doi: 10.1098/rsob.210069. PMID: 34102081
2. Chattopadhyay, I., Nandi, D. and **Nag, A. (2020)**. The pint-sized powerhouse: Illuminating the mighty role of the gut microbiome in improving the outcome of anti- cancer therapy. ***Seminars in Cancer Biology***. <https://doi.org/10.1016/j.semcancer.2020.07.012>, PMID: 32739479 **A figure of the article has been selected for front cover page of the journal issue.**
3. Chadha, J., Nandi, D., Yama Atri and **Nag, A. (2020)**. Significance of Human Microbiome in Breast Cancer: Tale of an invisible and an invincible. ***Seminars in Cancer Biology (In Press)***. <https://doi.org/10.1016/j.semcancer.2020.07.010>
4. Chand, V., Cheema, P.S., Atri, Y., Nandi, D., Sharma, P., Jaiswal, N., John, R., Aggarwal, S. and **Nag, A. (2019)**. Identification of novel interaction between Promyelocytic Leukemia protein and human Alteration/Deficiency in Activation 3 coactivator and its role in DNA damage response. ***J. Prot. Proteom.*** 10(3): 207-220.
5. Kaur, S., **Nag, A.**, Gangenahalli, G. and Sharma, K. (2019). "Peroxisome Proliferator Activated Receptor Gamma (PPARG) Sensitizes Non-Small Cell Lung Carcinoma to Gamma Irradiation Induced Apoptosis". ***Front. Genet.*** 10:554. doi: 10.3389/fgene.2019.00554. eCollection 2019.
6. Bharti, H., Singal, A., Raza, M., Ghosh, P.C. and **Nag, A. (2019)**. "Ionophores as Potent Anti-malarial: A Miracle in the Making". ***Current Topics in Medicinal Chemistry.*** 18(23): 2029-2041.
7. Kaur, S., **Nag, A.**, Singh, A.K. and Sharma, K. (2018). "PPAR -targeting Potential for Radioprotection". ***Current Drug Targets.*** 19(15): 1818-1830.
8. Nandi, D., Cheema, P.S., Jaiswal, N., and **Nag, A. (2018)**. FoxM1: Repurposing an oncogene as a biomarker. ***Seminar in Cancer Biology***, 52: 74-84.
9. Raza, M., Bharti, H., Singal, A., **Nag, A\*** and Ghosh, P.C\*. (\*corresponding authors) (2018). Long circulatory liposomal maduramicin inhibits the growth of Plasmodium falciparum blood stages in culture and cures murine models of experimental malaria. ***Nanoscale.*** 10, 13773 – 1379. doi: 10.1039/c8nr02442a.
10. John R., Atri Y., Chand V., Jaiswal N., Raj K . and **Nag, A. (2017)**. Cell cycle-dependent regulation of

cytoglobin by Skp2. *FEBS Letters*. 591(21):3507-3522.

11. Chowdhury K., Sharma A., Kumar S., Gunjan GK., **Nag A.** and Mandal CC. (2017). Colocynth Extracts Prevent Epithelial to Mesenchymal Transition and Stemness of Breast Cancer Cells. *Front. Pharmacol.* 8:593. doi: 10.3389/fphar.2017.00593. eCollection 2017.
12. Chand V, Nandi D, Mangla AG, Sharma P and **Nag A.** (2016). "Tale of a multifaceted co-activator, hADA3: from embryogenesis to cancer and beyond". *Open Biology*, 6(9): pii: 160153. doi: 10.1098/rsob.160153.
13. Uppal S, Singh AK, Arya R, Tewari D, Jaiswal N, Kapoor A, Bera AK, **Nag A** and Kundu S. (2016). "Phe28<sub>B10</sub> Induces Channel-Forming Cytotoxic Amyloid Fibrillation in Human Neuroglobin, the Brain-Specific Hemoglobin". *Biochemistry*. 55(49):6832-6847.
14. Singhal, P., Sharma, U, Hussain, S, **Nag, A.** and Bharadwaj, M. (2016). Identification of genetic variants in TNF receptor 2 which are associated with the development of cervical carcinoma. *Biomarkers*, 21 (7): 665-72.
15. Kumar S., **Nag,A.** and Mandal C.C. (2015) "A Comprehensive Review on miR-200c, A Promising Cancer Biomarker with Therapeutic Potential." *Cancer Drug Targets* 16(12), 1381-403.
16. Jaiswal, N., John, R., Chand, V., and **Nag, A.** (2015). "Oncogenic Human papillomavirus16E7 modulates SUMOylation of FoxM1b" *The International Journal of Biochemistry & Cell Biology*. Nov11;58C:28-36. doi:10.1016/j.biocel.2014.11.002
17. Singhal, P., Kumar, A., Hussain, S, **Nag, A.** and Bharadwaj, M. (2015). "NFKB1/NFKB1a polymorphisms are associated with the progression of cervical carcinoma in HPV-infected postmenopausal women from rural area". *Tumor Biology*, 36(8), 6265-76.
18. Raza, M., Chakraborty, S., Choudhury, M., Ghosh, P.C. and **Nag A.** (2014). "Cellular iron homeostasis and therapeutic implications of iron chelators in cancer". *Curr. Pharm. Biotech.* 15(12):1125-40.
19. John, R., Chand, V., Chakraborty, S., Jaiswal, N. and **Nag, A.** (2014). "DNA damage induced activation of Cygb stabilizes p53 and mediates G1 arrest". *DNA Repair*. 24:107-12. doi: 10.1016/j.dnarep.2014.09.003.
20. Chand, V., John, R., Jaiswal, N., Johar, S. and **Nag, A.** (2014) "High Risk HPV16E6 Stimulates hADA3 Degradation by Enhancing its SUMOylation". *Carcinogenesis*. 35(8):1830-9. doi: 10.1093/carcin/bgu104.
21. Chakraborty, S., John, R. and **Nag A.** (2014) "Cytoglobin in tumor hypoxia: Novel insights into cancer suppression". *Tumor Biology*, 35(7), 6207-19. doi: 10.1007/s13277-014-1992-z.
22. Jaiswal, N., Chakraborty, S. and **Nag A.** (2014) "Biology of FOXM1 and its Emerging Role in Cancer Therapy". *J. Proteins and Proteomics*, 5(1): 249.
23. Sharma, P. and **Nag, A.** (2014) "CUL4A Ubiquitin Ligase: A Promising Drug Target for Cancer and Other Human Diseases". *Open Biology*, 4: 130217. doi: 10.1098/rsob.130217.
24. Mohibi, S., Gurumurthy, C.B., **Nag, A.**, Mirza, S., Mian, Y., Quinn, M., Katafiaz, B., Eudy, J., Pandey S., Guda, C., Naramura, M., Band, H. and Band, V. (2012) "Mammalian alteration/deficiency in activation 3 (Ada3) is essential for embryonic development and cell cycle progression". *J Biol Chem*, 287(35) : 29442-56.
25. John, R., Chand, V., Jaiswal, N. and **Nag, A.** (2011) "Genotoxic Stress Induced Posttranslational Modification of Transcriptional Adaptor Protein Ada3". *J. Proteins and Proteomics*, 2(2): 71-79.
26. Kurowska, A.G., **Nag, A.**, Dimri, M., Gao, Q., Dimri, G., Band, H. and Band, V. (2007). "Ada3 requirement for HAT recruitment to ER and estrogen-dependent breast cancer cell proliferation". *Can. Res.* 67(24):11789-97. Erratum in : *Cancer Res.* 2008 , 68(5):1609.
27. **Nag, A.**, Kurowska, A.G., Dimri, M., Sassack., Gurumurthy, C.B., Gao, Q., Dimri, G., Band, H. and Band, V. (2007). "An Essential Role of Human Ada3 in p53 Acetylation". *J. Biol. Chem.* 282(12) : 8812- 20.
28. Bondar, T., Kalinina, A., Khair, L., Kopanja, D., **Nag, A.**, Bagchi, S. and Raychaudhuri P. (2006). "Cul4A and DDB1 associate with Skp2 to target p27Kip1 for proteolysis involving the COP9 signalosome". *Mol Cell Biol.* 26(7):2531-9.
29. Rajabi, H, Baluchamy, S., Kolli, S, **Nag, A.**, Srinivas, R., Raychaudhuri, P., Thimmapaya, B. (2005). "Effects of depletion of CREB-binding protein on c-Myc regulation and cell cycle G1-S Transition". *J. Biol. Chem.* 280(1):361-74.
30. Meng, G., Zhao, Y., **Nag, A.**, Zeng, M., Dimri, G., Gao, Q., Wazer, D.E., Kumar, R., Band, H., Band, V. (2004).

"Human ADA3 binds to estrogen receptor (ER) and functions as a coactivator". *J. Biol. Chem.* 279(52), 54230-54240.

31. **Nag, A.**, Bagchi, S., and Raychaudhuri P. (2004). "Cul4A physically associates with MDM2 and participates in the proteolysis. *Cancer Res.* 64 (22): 815.
32. Datta A, **Nag A**, Pan W, Hay N, Gartel AL, Colamonici O, Mori Y, Raychaudhuri P. (2004). "Myc-ARF (alternate reading frame) interaction inhibits the functions of Myc". *J. Biol. Chem.* 279(35) : 36698-707.
33. **Nag, A.**, Datta, A., Yoo, K., Bhattacharyya, D., Chakraborty, A., Wang, X., Slagle, B.L., Costa, R.H., and Raychaudhuri, P. (2001). "DDB2 Induces Nuclear Accumulation of the Hepatitis B Virus X Protein Independently of DDB1". *J. Virol.* 75(21): 10383-10392.
34. **Nag, A.**, Bondar, T., Shiv, S., and Raychaudhuri, P. (2001). "The XP-E Gene Product DDB2 is a Specific Target of Cullin-4A in Mammalian Cells". *Mol. Cell. Biol.* 21(20): 6738-6747.
35. Shiyonov, P, **Nag, A.** and Raychaudhuri, P. (1999). "Cullin 4A associates with the UV-damaged DNA-binding protein DDB" *J. Biol Chem.* 274 (50): 35309-12.
36. **Nag, A.** and Ghosh, P.C. 1999. "Assessment of Targeting Potential of Galactosylated and Mannosylated PEG-Liposomes to different Cell types of Mouse Liver" *J. Drug Targeting.* 6(6): 427-38.
37. **Nag, A.**, Mitra, G., and Ghosh, P.C. 1997. "A Colorimetric Estimation of Polyethyleneglycol Conjugated Phospholipid In Stealth Liposomes" *Anal. Biochem.* 250: 35-43.
38. **Nag, A.**, Mitra, G., and Ghosh, P.C. 1996. "A Colorimetric Assay For Estimation of Polyethyleneglycolated Protein using Ammonium Ferrothiocyanate" *Anal. Biochem.* 237: 224231.

#### Book Chapter

Deeptashree Nandi, Aakriti Singal and **Alo Nag** (2019) "*Drug Resistance in Cancer and Role of Nanomedicine-Based Natural Products*" Invited Book Chapter. *Bioactive Natural Products for the Management of Cancer: from Bench to Bedside, Springer Nature*, Singapore.

#### Patent

"Novel anti-malarial liposomal formulation", Prahlad Chandra Ghosh, **Alo Nag**, Mohsin Raza, Aakriti Singal and Hina Bharti (ID 201711016131) – Patent granted in July 2021

#### Conference Presentations (Last Five years)

##### Invited Lectures :

"*Molecular Mechanisms of HPV Mediated Oncogenesis*" at the 14th International Symposium on Cancer Prevention and Therapeutics, 16-17 March 2021, held at School of Life Sciences & Special Centre for Systems Medicine, Jawaharlal Nehru University, New Delhi, India. Also chaired a session during the conference.

"*Exploiting FoxM1 to Fight against Cancer*" 13th International Symposium on Cancer Prevention and Treatment held on February 20-21, 2020, at Jawaharlal Nehru University.

"*Understanding the Oncogenic Mechanisms of FoxM1*" 8th International Translational Cancer Research Conference: Role of Inflammation and Immune System for Cancer Prevention and Treatment, held on February 13-16, 2020, at Banaras Hindu University, Varanasi .

"*Targeting FOXM1: a Promising Strategy to Combat Cancer*". International Conference on Molecular Basis of Diseases and Therapeutics, March 8-10 2019, School of Life Sciences, Central University of Rajasthan, Rajasthan.

"*Hacking the viral tricks to treat Cervical cancer*", 7<sup>th</sup> International Conference on Translational Cancer Research on "Cancer Prevention and Treatment: From Ancient Medicine to Modern Medicine", from February 8-11, 2018, Chennai, India.

"*Understanding the complexities of HPV oncogenesis to devise new treatment strategies*" 11<sup>th</sup> symposium on

'Frontiers in Biomedical Research'. *Theme: Challenges In Human Health: Prevention, Diagnosis and Cure*, 19-21 February, 2018, ACBR, Delhi University.

"Cell cycle dependent regulation of tumour suppressor *Cytoglobin* by *Skp2*" 11<sup>th</sup> symposium on 'Cancer Prevention and Treatment', 9-10 February, 2018, JNU, New Delhi.

"Novel ways of perturbing oncogenic interactions for cancer therapy", International Conference on "Cell Death in Cancer and Toxicology", 20-22 February, 2018, CSIR-IITR, Lucknow, India.

"Revealing the Oncogenic Tricks of HPV – Way to New Therapies" – Workshop on Molecular Techniques in Cancer Research, April 20, 2017, National Institute of Cancer Prevention and Research, Noida.

Guest of Honor speaker in the BIOSPARK Symposium of Department of Biochemistry, Deshbandhu College, on March 27, 2017.

"Cell Cycle and Cancer", Refresher Course in Life Sciences and Biotechnology organized by JNU on October 18, 2016.

"Human Papillomavirus, an Oncogenic SUMO Wrestler", International Conference - 43<sup>rd</sup> ISOBM Annual Congress, September 1 to 6, 2016, Chicago, U.S.A.

"Insights into Novel Oncogenic Mechanisms of Human Papillomavirus", International Symposium CANCER IN ASIA: BRIDGING THE GAPS, organized by ICAR-ACOS, 8-10 April, 2016, Ashoka Hotel, New Delhi.

Invited speaker in the International Symposium on "Role of Herbals in Cancer Prevention and Treatment", 9-10 February, 2016, JNU, New Delhi.

"Discovery of Novel Drug candidates for anti-Cancer Therapy", International Symposium on "Innovations in Product Design at Indian Institute of Information Technology, Design and Manufacturing, 11-13 May, 2015, Indian Institute of Information Technology, Jabalpur.

#### **Poster presentations/Awards from Lab**

Deeptashree Nandi (2021), "Destabilization of Cdh1 by HPV16 E7 drives oncogenic transformation in cervical carcinomas: a perfect ambush", **Selected for Oral Presentation for Young Scientist Award Session** at the 14th International Symposium on Cancer Prevention and Therapeutics, 16th-17th March 2021, held at School of Life Sciences & Special Centre for Systems Medicine, Jawaharlal Nehru University, New Delhi, India.

Deeptashree Nandi (2021), **First prize in the IACR Annual Essay Competition 2021** on "Viruses and Cancer Immune Therapy" at the 40th Annual Conference of Indian Association for Cancer Research, March 2021. This is an open competition for post-graduate students and research scholars from Indian/Foreign Universities and Research Institutions.

Deeptashree Nandi, 2020. **Awarded Professor A.R. Rao Memorial Young Scientist/ Researcher Award** for oral presentation on "Artemisinin: The front runner among natural product derived anti-cancer therapeutics shows promise in management of Hepatocellular Carcinoma" at the 13th International Symposium on Cancer Prevention and Treatment held on February 20-21, 2020, at Jawaharlal Nehru University.

Yama Atri, 2020. **Won Best Oral Presentation Award** on "Cul4A: An oncogenic driver and an attractive chemotherapeutic target for cervical cancer" at 8th International Translational Cancer Research Conference: Role of Inflammation and Immune System for Cancer Prevention and Treatment, Banaras Hindu University, Varanasi, 13-16 February 2020.

Yama Atri, 2020. **Won Second Best Oral Presentation Award** on "Oncogenic functions of Cul4A, E3 Ligase, in cervical cancer with implications in Cisplatin resistance" at 9th National Science Day Symposium, 27-28 February 2020, University of Delhi South Campus.

Yama Atri, **Won Best Cover Page Award** at 9th National Science Day Symposium, 27- 28 February 2020, University of Delhi South Campus.

Pradeep Singh Cheema, **Won Best Banner Design Award** at 9th National Science Day Symposium, 27-28 February 2020, University of Delhi South Campus.

Simran Mak, 2019, **Best Poster Presentation Award**. Peroxisome Proliferator Activated Receptor Gamma Sensitizes Non-Small Cell Lung Carcinoma to Gamma Irradiation. International Symposium on Tumor Microenvironment and Cancer Prevention & Therapeutics, 08-09 February, 2019, School of Life Sciences, Jawaharlal Nehru University, New Delhi.

Pradeep Singh Cheema, 2019, **Selected for Oral Presentation**. A promising anti-cancer therapy through small molecule mediated inhibition of FoxM1 in cervical carcinoma. International Symposium on Tumor Microenvironment and Cancer Prevention & Therapeutics, 08-09 February, 2019, School of Life Sciences, Jawaharlal Nehru University, New Delhi.

Yama Atri, 2019, Local / University, **Best Poster Presentation Award**. Ubiquitin ligase, Cullin4A with an impact in cervical carcinogenesis. 8th National Science Day Symposium, 27-28 February 2019, University of Delhi South Campus, New Delhi.

Yama Atri, 2019, Local / University, **Best Banner Award**. 8th National Science Day Symposium, 27-28 February 2019, University of Delhi South Campus, New Delhi.

*"Role of Skp2-Cytoglobin Axis in Cell Cycle Control"* by Yama Atri, Rince John and Alo Nag,. 86th Annual Conference of Society of Biological Chemists on 'Emerging Discoveries in Health and Agricultural Sciences', 16-19 Nov 2017, JNU, New Delhi. (**Won Third Best Poster Award**)

*"The Protective Role of Immunomodulatory Cytokines against Lethal Dose of Radiation in vitro and in vivo"*. Simran Kaur, Anshoo Gautam, Alo Nag and Kulbhushan Sharma. 86th Annual Conference of Society of Biological Chemists on 'Emerging Discoveries in Health and Agricultural Sciences', 16-19 Nov, 2017. JNU, New Delhi. (**Won Best Poster Award**)

*"Biochemical and Biophysical Portraying of Plasmodium Cardinal Deubiquitinase: Pfuch13"* by Hina Bharti, Aakriti Singal, Mohsin Raza, Prahlad C. Ghosh and Alo Nag. 86th Annual Conference of Society of Biological Chemists on "Emerging Discoveries in Health and Agricultural Sciences" 16-19 Nov, 2017, JNU, New Delhi.

*"Discovery of Novel Inhibitors Against FoxM1 as Promising Anti-cancer Therapeutics"* by Pradeep Singh Cheema, Deeptashree Nandi, Neha Jaiswal, Sanjay Dey, Suman Kundu and Alo Nag. 86th Annual Conference of Society of Biological Chemists on "Emerging Discoveries in Health and Agricultural Sciences" 16-19 Nov, 2017, JNU, New Delhi.

*"Novel Functions of Cytoglobin in Cell Cycle control and Tumour Suppression"*, by Rince John, Vaibhav Chand, and Alo Nag, International Symposium on SYSTEMS ONCOLOGY, Integrated Approaches to Understand and Cure Cancer, 10-12 March, 2017, Cochin (organized Carcinogenesis Foundation, USA).

Ms. Yama Atri **Won Best Essay Award** on Cancer Genomics: An Approach to Personalized Therapy, 2016, Indian Association for Cancer Research, New Delhi.

*"Maneuvering Cellular Cul4A and FoxM1 in Virus coerced Carcinogenesis"*, by Yama Atri, Deeptashree Nandi, Pradeep Singh Cheema and Alo Nag, International Symposium on HIV and Hepatitis, September 01, 2016, New Delhi, (organized by Faculty of Life Sciences & Biotechnology, South Asian University).

*"Viral oncoprotein HPV16E7 perturbs SUMOylation of FoxM1 to induce oncogenesis"* by Jaiswal, N., Cheema, S.P., John, R., Chand, V., and Nag, A. International Symposium on "Current Advances in Radiobiology, Stem cells and Cancer Research, Feb 19-21, 2015, JNU, New Delhi. Proceedings published in **Nature India**.

#### **Association with Professional Societies Memberships**

Life Member, Society of Biological Chemists (India)  
Life Member, Indian Association of Cancer Research (India)  
Life Member of Proteomics society of India  
Associate Member, American Association of Cancer Research (USA)

#### **Serving in Editorial Board:**

**Editorial Board Member** for the Journal “Current Trends in Biotechnological and Chemical Research”, India.  
**Editorial Board Member** for the Journal of Proteins and Proteomics, A journal of the Proteomics Society, India, Serials Publications.

**Serving as Reviewer:**

**Reviewer of research grant** proposals for CSIR, DBT and DST, Govt. of India.

**Reviewer of research papers** from Molecular Cancer (USA), eCancer (UK), PLoS One, PLASMID (USA), Current Cancer Drug Targets (USA), Genetics Research International (USA), BMC Genomics, Current Drug Targets, Current Medicinal Chemistry, Current Pharmaceutical Biotechnology, Tumor Biology and Molecular Cancer Biology (USA).

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(Signature of Faculty Member)

(Signature & Stamp  
of Head of the Department)