



Bhudev C. Das

Chairman & Hargobind Khorana Chair Professor

Specialization: Biology & epidemiology of HPV, transcriptional regulation, cancer genomics chemotherapeutics, stem cell therapy and cancer drug discovery

Email: bcdas@amity.edu

Dr. Bhudev C. Das was Founder Director of Institute of Cytology and Preventive Oncology (ICPO) of ICMR, Noida till 2008 and later he joined as Dr. Gurbaksh Singh Chair Professor and Director of ACBR, Delhi University. Dr. Das has done his Ph.D from Banaras Hindu University, Varanasi and has worked several years with the Nobel Laureate, Prof.(Dr.) Harald ZurHausen at German Cancer Research Centre (DKFZ), Heidelberg, Germany. He has made outstanding contributions in the field of Cancer Research, Human Genetics and Tumor Virology. During the last 40 years of his distinguished research career, he has published more than 210 research papers in reputed international journals that include Nature, Lancet, Nucleic acid research, Oncogene, J. Virology, Hepatology, Molecular Medicine, Human Genetics, Clinical Cancer Research, Scientific Reports, etc. and distinguished himself as a renowned molecular oncologist. In India, Dr. Das has pioneered the work on Human Papillomavirus (HPV) that causes cervical and other cancers and his laboratory was the HPV Referral Centre of WHO for whole of South-East Asia. So far 36 Ph.D and 79 MD/MS/DNB/DM students have received their degrees under his supervision and guidance.

Honours and awards:

1. Elected Fellow of national science and medical academies (FNASc, FASc, FNA and FAMS)
2. Sandoz oration Award for Cancer Research, ICMR, 1992
3. Fellow of International Union against cancer (UICC), Geneva since 1996
4. Dr. B.C. Ray National Award of Medical Council of India, 1998
5. Ranbaxy Medical Research Award, 2005
6. Dr. Prem Nath Wahi Award of ICMR in Preventive Oncology for 2006
7. J.C. Bose National Fellow of DST since 2008
8. FICCI Award for innovative R&D in Life Sciences/Applied Research for 2008/09
9. American Asian Scientists (SAASCR) Award in Cancer Research, 2010

Ongoing Research Project:

ICMR project on “**Development of Novel Curcumin-Folate-Drug Conjugates for Targeted delivery of Drug and Curcumin together to Cancer and Cancer Stem Cells for Effective Treatment**” (Total grant Rs.58,38,900 for 3 years).

Selected Recent Publications:

1. Abhishek Tyagi, Kanchan Vishnoi, Sutapa Mahata, Gaurav Verma, Shashank Masaldan, Alok C. Bharti, **Bhudev C. Das. (2016)** Cervical Cancer stem cell selectively overexpress HPV E6 oncoprotein that control stemness and self renewal through upregulation of HES1, **Clinical Cancer Research**, 22 (16), 4170-84. **(IF= 8.6)**
2. Thakur S, Grover RK, Gupta S, Yadav AK, **Das BC. (2016)** Identification of Specific miRNA Signature in Paired Sera and Tissue Samples of Indian Women with Triple Negative Breast Cancer, **Plos One**, 11(7) e0158946 **(IF= 3.6)**
3. Shilpi Gupta, Prabhat Kumar, Harsimrut Kaur, Nishi Sharma, Daman Saluja, Alok C. Bharti and **Bhudev C. Das. (2015)** Selective participation of c-Jun with Fra-2/c-Fos promotes aggressive tumor phenotypes and poor prognosis in tongue cancer. **Scientific Reports**, 5, 16811. **(IF= 5.6)**
4. Anoop Kumar, Showket Hussain, Gagan Sharma, Lutz Gissmann, **Bhudev C Das** and Mausumi Bharadwaj. **(2015)** Identification and validation of immunogenic potential of India specific HPV-16 variant constructs: In-silico & in-vivo insight to vaccine development. **Scientific Reports**, 5, 15751. **(IF= 5.6)**
5. Sutapa Mahata, Alok C. Bharti, Shirish Shukla, Abhishek Tyagi, Syed A. Husain and **Bhudev C. Das (2011)** Berberine modulates AP-1 activity to suppress HPV transcription and downstream signaling to induce growth arrest and apoptosis in cervical cancer cells. **Mol. Cancer**, 15; 10:39, **(IF= 6.0)**