Faculty Details proforma for DU Web-site

Title	Dr.	First Name	RAJEEV	Last Name	KAUL	Photograph
Designation		Assistant Professor				
Address		Department of Microbiology University of Delhi South Campus Benito Juarez Road New Delhi -110021				
Phone No Office		011-24157240				
Residence						
Mobile						
Email		rkaul@south.du.ac.in				
Web-Page		https://sites.google.com/site/duscvirologylaboratory/				

Educational Qualifications

Degree	Institution	Year
Ph.D.	Indian Vet Res Institute, Izatnagar (UP)	2004
M.Phil. / M.Tech.		
PG/ MVSc	CCSHAU Hisar (Haryana)	1999
UG/ BVSc&AH	CCSHAU Hisar (Haryana)	1997
Any other qualification		

Career Profile

Postdoctoral Training (2004-2010) Tumor Virology, University of Pennsylvania, Philadelphia, USA

Ph.D. (2001-2004) Veterinary Virology, Indian Veterinary Research Institute, Mukteswar-Izatnagar, India.

M.V.Sc. (1997-1999) Masters of Veterinary Sciences with specialization in Veterinary Microbiology CCS Haryana Agricultural University, Hisar, India.

B.V.Sc.&A.H. (1992-1997) Bachelor of Veterinary Sciences and Animal Husbandry, CCS Haryana Agricultural University, Hisar, India.

Administrative Assignments

Radiation Safety Officer, Department of Microbiology, UDSC

Areas of Interest / Specialization

Biology of Infectious Viral diseases, Virus pathogenesis, Tumor Virology.

Subjects Taught

Virology, Molecular Biology, Immunology, Microbial Pathogenesis

Research Guidance

List against each head (If applicable)

1. *Supervision of awarded Doctoral Thesis* — *None*

2.	*Supervision of Doctoral Thesis, under progress*	*Four*
3.	*Supervision of awarded M.Phil dissertations*	*None*
4.	*Supervision of M.Phil dissertations, under progress*	*None*

Publications Profile

List against each head(If applicable) (as Illustrated with examples)

1. *Books/Monographs (Authored/Edited)*

   Rajeev Kaul, Masanao Murakami, Pankaj Kumar and Erle S Robertson. 2010. Nm23-H1 as a metastasis suppressor. In Book: Cancer genome and tumor microenvironment. Ed. Andrei Thomas-Tikhonenko, Pub: Springer, New York, USA.

2. *Research papers published in Refereed/Peer Reviewed Journals*

   Jaya Gandhi, Nivedita Gaur, Lohit Khera, Rajeev Kaul*, Erle Robertson* (*Co-corresponding authors). 2015. COX-2 induces lytic reactivation of Epstein Barr Virus through Prostaglandin E2 by modulating the EP receptor signalling Pathway. Virology. 2015. Jun 4;484:1-14

   Prerna dabral, Lohit Khera, Rajeev Kaul. 2014. Host Proteins associated with Hepatitis C Virus encoded NS4A. Virus Disease. 2014. 25(4): 493-496.

   Nivedita Gaur, Jaya Gandhi, Erle S Robertson, Subhash C Verma, Rajeev Kaul. 2014. Epstein Barr Virus latent antigens EBNA3C and EBNA1 modulate epithelial to mesenchymal transition of cancer cells associated with tumour metastasis. Tumor Biology. 2014. Dec 13.

   Jaya Gandhi and Rajeev Kaul. 2011. Cyclooxygenase-2 and hepatocellular carcinoma: the proteomics of association. Journal of Proteins and Proteomics. 2011 July-Dec 2(2):81-97.

   Jie Lu, Masanao Murakami, Subhash C. Verma, Qiliang Cai, Sabyasachi Haldar, Rajeev Kaul, Mariusz A. Wasik, Jaap Middeldorp and Erle S. Robertson. 2011. Epstein-Barr Virus nuclear antigen 1 (EBNA1) confers resistance to apoptosis in EBV-positive B-lymphoma cells through up-regulation of Survivin. Virology. 2011 Feb 5;410(1):64-75.

   Abhik Saha, Rajeev Kaul, Masanao Murakami and Erle S. Robertson. 2010. Tumor viruses and cancer biology: Modulating signaling pathways for therapeutic intervention. Cancer Biology and Therapy, 2010 Nov 29; 10(10):961-78.

   Bingyi Xiao, Subhash Verma, Qiliang Cai, Rajeev Kaul, Jie Lu, Abhik Saha, Erle Robertson. 2010. Bub1 and CENP-F Can Contribute to KSHV Genome Persistence by Targeting LANA to Kinetochores. Journal of Virology. 2010 Oct; 84(19):9718-32.

   Tathagata Choudhuri, Masanao Murakami1, Rajeev Kaul, Sushil K Sahu, Suchitra Mohanty, Subhash C Verma, Pankaj Kumar and Erle S. Robertson. 2010. Nm23-H1 Can Induce Cell Cycle Arrest and Apoptosis in B cells. Cancer Biology and Therapy, 2010 Jun 11;9(12).

   Rajeev Kaul, Masanao Murakami, Pankaj Kumar and Erle S Robertson. 2010. Nm23-H1 as a metastasis suppressor. In Cancer genome and tumor microenvironment. Ed. Andrei Thomas-Tikhonenko, Pub: Springer, New York, USA. Book Chapter.Rajeev Kaul, Masanao Murakami, Ke Lan, Tathagata Choudhuri,

   Erle S Robertson. 2009. EBNA3C can modulate the activities of the transcription factor Necdin in association with the metastasis suppressor protein Nm23-H1. Journal of Virology, May 2009, 83 (10) 4871–4883

   Masanao Murakami, Patricio I. Meneses, Jason Knight, Ke Lan, Rajeev Kaul, Subhash C. Verma, and Erle S. Robertson. Nm23-H1 modulates the activity of the guanine exchange factor Dbl-1. International Journal

of Cancer. 2008 May 9;123(3):500-510.

Masanao Murakami, Rajeev Kaul, and Erle S Robertson. 2008. MTA1 expression linked to ovarian cancer. Cancer Biology and Therapy. 2008 Sep (9): 1468-1470

Masanao Murakami, Rajeev Kaul, Pankaj Kumar and Erle S Robertson. 2009. Nucleoside Diphosphate Kinase/Nm23 and Epstein Barr Virus. Molecular and Cellular Biology. (In print)

Pankaj Kumar, Rajeev Kaul, Masanao Murakami and Erle S Robertson. EBNA3C in EBV associated malignancies.Future Virology. January 2009, Vol. 4, No. 1, Pages 79-91

Rajeev Kaul, Masanao Murakami, Tathagata Choudhuri and Erle S. Robertson. EBV nuclear antigens promote metastasis and can overcome the metastasis suppressor effect of Nm23H1 in the nude mice model. Journal of Virology 2007 Oct;81(19):10352-61.

Rajeev Kaul, Subhash C Verma, and Erle S Robertson. Protein complexes associated with the Kaposi's sarcoma-associated herpesvirus-encoded LANA. Virology. 2007 Aug 1;364(2):317-29.

Ke Lan, Subhash C. Verma, Masanao Murakami, Bharat Bajaj, Rajeev Kaul, and Erle S. Robertson. Intracellular activated Notch is stabilized by the KSHV encoded LANA protein by targeting the F-box protein Sel10. Proceedings of the National Academy of Sciences. 2007 Oct 9;104(41):16287-92

Rajeev Kaul , Verma SC, Murakami M, Lan K, Choudhuri T, Robertson ES. Epstein-Barr virus protein can upregulate cyclo-oxygenase-2 expression through association with the suppressor of metastasis Nm23-H1. J Virol. 2006 Feb;80(3):1321-31.

Verma SC, Choudhuri T, Rajeev Kaul, Robertson ES. Related Articles, Links Latency-associated nuclear antigen (LANA) of Kaposi's sarcoma-associated herpesvirus interacts with origin recognition complexes at the LANA binding sequence within the terminal repeats. J Virol. 2006 Mar;80(5):2243-56.

P Dhar, D Muthuchelvan, A Sanyal, Rajeev Kaul, RP Singh, RK Singh, and SK Bandyopadhyay. Sequence analysis of the haemagglutinin and fusion protein genes of peste-des-petits ruminants vaccine virus of Indian origin. Virus Genes. 2006 Feb;32(1):71-8.

R.Behl, Rajeev Kaul, N.Sheoran. J.Behl, M.S.Tantia and R.K.Vijh. Genetic identity of two Indian pig types using microsatellite markers. 2002. Animal genetics. 33: 158-159.

Rahul Behl and Rajeev Kaul. Insulin like growth factor 1 and regulation of ovarian function in mammals. 2002. Indian Journal of Experimental Biology. Vol 40: 25-30.

Rajeev Kaul, Atar Singh, R.K.Vijh, M.S.Tantia and Rahul Behl. Evaluation of the genetic variability of 13 microsatellite markers in native Indian pigs. Journal of Genetics. 2001. 80 (3): 149-153.

Rajeev Kaul, Satish K Kalra, Arvind Kumar, SK Chaudhary. Use of binary ethylenimine inactivated infectious bursal disease virus as trapped antigen in ELISA. Indian Journal of Microbiology. 2001. 40(4):327-329

Conference Organization/ Presentations (in the last three years)

List against each head(If applicable)

1. *Organization of a Conference*
2. *Participation as Paper/Poster Presenter*
   Jaya Gandhi & Rajeev Kaul. VIROCON 2014. COX-2 induces lytic reactivation of Epstein Barr Virus through PGE2 by modulating the EP receptor signalling Pathway XXIII National Conference of Indian Virological

Society 'Recent trends in Virology Research in the Omics Era'at Tamilnadu Agricultural University, Coimbatore from 18-20 Dec, 2014

Rajeev Kaul. Participated in 3rd Molecular Virology Meeting at National Institute of Virology, January 10-11, 2013, Pune, India

Rajeev Kaul. Carcinogenesis 2012, International Conference, 19-21 Nov, 2012, New Delhi, India

Jaya Gandhi, Lohit Khera, & Rajeev Kaul. VIROCON-2012, 'XXI' National Conference of Indian Virological Society on "Immunobiology and Management of Viral Diseases in 21st Century" at Indian Veterinary Research Institute, Mukteswar from November 8-10, 2012.

Jaya Gandhi, Erle S Robertson & Rajeev Kaul. Role of Cox-2 in modulation of Epstein Barr Virus lytic reactivation. Poster presented at International Congress on Oncogenic Herpesviruses & Associated Diseases, Philadelphia, USA, 1-4 Aug, 2012.

Rajeev Kaul. Understanding the role of Inflammation in Metastasis. Invited lecture presented at National Science Day symposium, University of Delhi South Campus, Delhi, India, Feb, 2012

Rajeev Kaul. Molecular biology of virus associated cancer. Poster presented at Young Investigator Meet 2012, Lonawala, India, Jan, 2012

Research Projects (Major Grants/Research Collaboration)

DBT funded RGYI grant (2011-2014) "Mechanism of Epstein Barr Virus (EBV) latency control by inflammation"
DBT funded Basic Biology grant (2012-2015) "Hepatitis C Virus infection and Expression of COX-2 (2012-15)"
DU-DST-PURSE funded grant (2011-2013) "Virus Biome"
UGC funded Major Research Project (2012-15) "Generation and characterization of a panel of epstein barr virus transformed lymphoblastoid cell lines of diverse origin"

Awards and Distinctions

UGC Indo-US Raman Research Fellowship (2013-14)

Association With Professional Bodies

1. *Editing*
2. *Reviewing*
3. *Advisory*
4. *Committees and Boards*
5. *Memberships*
   - American Society of Microbiology
   - Indian Virological Society
   - Indian Association of Veterinary Microbiologists, immunologists & Specialists in infectious disease
   - Veterinary Council of India
   - Haryana Veterinary Council
6. *Office Bearer*

Other Activities