

SCIENTIFIC ACHIEVEMENTS

AWARDS & HONOURS

1. **Dr. Aruna Mittal** was awarded *Kshanika Award* for contributions in the field of *Chlamydia*.



2. **Dr. LK Yerneni** awarded *Best Poster Award on research work* entitled "Incidence of *Mycoplasma* contamination in Indian (Delhi) Tissue Culture Laboratories" presented in the VII Annual Conference-Cum Workshop conducted by the Indian Association of Mycoplasmologists at VP Chest Institute, New Delhi during April 28-29, 2005.
3. **Dr. Ruchi Singh**, Sr. Research Fellow, IOP was conferred with the *UNESCO L'oreal Fellowship for Young women in Life Sciences* and became the first Indian woman to receive this prestigious Fellowship.



4. **Dr. AK Bagga** was awarded a certificate of *second prize in the debate* held at ICMR Headquarters on the occasion of *Hindi Diwas* debate competition, on 20th Sept. 2005.

Patents

1. **Dr. Poonam Salotra** awarded US Patent No. 6,855,522, in 2005 for developing a species-specific PCR diagnostic test for kala-azar.
2. **Dr. Poonam Salotra** submitted PCT patent application (in Feb. 06) for “Centrin knock-out mutants of *Leishmania donovani*.”

SCIENTISTS TRAINED ABROAD/ CONFERENCE / WORKSHOP

1. Dr. Poonam Salotra was **awarded Courtesy Associate ship by CBER, FDA, USA** in Sept. 2005.
2. Dr. Poonam Salotra was **awarded grant by National Foundation of Infectious Diseases (NFID), USA** to participate in The Eighth Annual Conference on Vaccine Research at Baltimore in May 2005.
3. Mr. Raju, Sr. Research Fellow, IOP was **awarded DADD scholarship** under the German Academic Exchange Services in Feb. 2006.
4. Dr. Poonam Salotra was **Invited speaker for a round table** on ‘Advances in diagnostics of Leishmaniasis’ at World Leishmania Congress held at Italy (April 2005).
5. Dr. Poonam Salotra **participated and presented paper** ‘Microarray based analysis of gene expression in drug resistant *Leishmania donovani* isolated from Indian patients of Kala-azar’, in the 15th European Congress of Clinical Microbiology and Infectious Diseases, held at Copenhagen, Denmark (April 2005).
5. Dr. Poonam Salotra **visited Humboldt University, Berlin** in July 2005 to work in Indo-German project.
6. Dr. Avninder Singh Presented a paper titled “Rapidly progressive atypical neurocytoma of the spindle cord at 8th European congress of Neuropathology at University of Amsterdam, the Netherlands, June 2005.

PUBLICATIONS

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2. **Rekhi B, Bansal A**, Bhatnagar D, Bhatnagar A, **Saxena S**. Cytomorphological study of soft tissue neoplasms: Role of fluorescent immunocytochemistry in diagnosis. *Cytopathology*, 16(5) : 219-26, 2005.
3. **Rekhi B, Saxena S**, Chintamani. Gastric outlet obstruction and cutaneous metastasis in Adenocarcinoid Tumor of Stomach- Unusual presentations with cytologic and ultrastructural findings. *Indian J Cancer*, 42(2): 99-101, 2005
4. **Ghai R, Rekhi B, Saxena S, Kapur S**. An unusual presentation of Primary Lymphoma of the Thyroid in a young male patient—A case report. *I.J.P.M.*, 48(3): 385-387, 2005.
5. Murthy NS, Chaudhary K, **Saxena S**. Trends in Incidence of Cervical Cancer – Indian Scenario. *Euro. J Can Prev*, 14(6) : 513-8, 2005.
6. **Agarwal A, Verma S, Burra U**, Murthy NS, Mohanty NK and **Saxena S**. Flow Cytometric analysis of Th1 and Th2 cytokines in PBMCs as a parameter of immunological dysfunction in patients of Superficial Transitional cell carcinoma of bladder. *Cancer Immunology and Immunotherapy*, 55(6), 734-743, 2006.
7. Mohanty NK, **Saxena S**, Singh UP, Goyal NK, Arora RP. Lycopene as a chemopreventive agent in the treatment of High Grade Prostate Intraepithelial Neoplasia. *Urol Oncol.*, 23(6) : 383-5, 2005.
8. Chintamani, Singh JP, Mittal MK, **Saxena S, Bansal A**, Bhatia A, Kulshreshtha P. The role of P--glycoprotein expression in predicting response to neoadjuvant chemotherapy in breast cancer – A prospective clinical study. *World Journal of Surgical Oncology*, 3:61, 2005
9. **Saxena S, Rekhi B, Bansal A, Bagga A**, Chintamani C, Murthy NS. Clinicomorphological patterns of Breast Cancers Including family history in a Delhi hospital, India- A Cross-sectional study. *World Journal of Surgical Oncology*, 3: 67, 2005
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11. **Mittal A.**: High seropositivity of HCV infection in HIV positive blood donors. Is HCV predictor of HIV infection. *AIDS and Hepatitis*, 115:4-6,2006.

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14. **Chatterjee I**, **Kapur S**, Mahanta J, Phukan RK, Barooah MN, Kataki AC, Purkayastha J, **Saxena S**. Gene expression profile in oesophageal cancer patients of Northeast region of India. *J Cancer Res. Ther*, 2 (1) : S 20, 2006.
15. **Bhushan B**, Saluja S, Ahuja D, **Verma S**, Gupta DK, **Kapur S**. Limitation of FAB diagnosis in Acute leukemia. *J Cancer Res Ther*, 2 (1): S 22, 2006.
16. **Singh R**, **Subba Raju B V**, Jain R.K and **Salotra P**. Potential of Direct Agglutination Test (DAT) based on promastigote and amastigote antigens for serodiagnosis of Post Kala Azar Dermal Leishmaniasis. *Clin. Diag. Lab. Immunol.*, 12 (10):1191-4, 2005
17. Maurya R, Singh RK, Kumar B, **Salotra P**, Rai M, Sunder S. Evaluation of PCR for diagnosis of Indian kala-azar and assessment of cure. *J Clin Microbiol.* 43(7):3038-41, 2005
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22. **Salotra P**, **Singh R**. Challenges in the diagnosis of Post Kala-Azar Dermal Leishmaniasis (PKDL). *Ind J. Med Res.*,123: 295-310, 2006.
23. Selvapandiyan A, Duncan R, Debrabant A, Lee N, Sreenivas G, **Salotra P**, Nakhasi HL. Genetically modified live Attenuated parasites as vaccines for Leishmaniasis. *Ind J. Med Res.*, 23: 455-466, 2006.

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2. **Saxena S, Chakraborty A, Szabo C et al.** Contribution of germline *BRCA1* and *BRCA2* sequence alterations to breast cancer in Northern India. *BMC Medical Genetics*, 2006.
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5. **Ansari NA, Ramesh V, Salotra P.** IFN- γ , TNF- α , IL-6 and IFN- γ R1 are the major immunologic determinants associated with Post kala azar dermal leishmaniasis. *J Infect Dis .*, 2006 (In Press)
6. **Singh R, Kumar D, Ramesh V, Negi NS, Singh S, Salotra P.** Visceral Leishmaniasis, or Kala Azar(KA):High incidence of refractoriness to antimony is contributed by Anthroponotic Transmission via Post-KA Dermal Leishmaniasis. *J Infect Dis.*, 2006 (In Press)
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PAPERS PUBLISHED IN PROCEEDINGS

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4. Khanna A, Saluja S, **Kapur S,** Sharma M, Bhasin S, Gupta DK. Bone Marrow amyloid deposits in primary systemic amyloidosis. Proceedings of the XXth Annual Conference of Pathologists and Microbiologists, Delhi Chapter, 2005.
5. **Mehta S, Rekhi B, Saxena S, Kapur S.** *Helicobacter pylori* associated histopathological changes in the upper gastrointestinal lesions. Proceedings of the XXth Annual Conference of Pathologists and Microbiologists, Delhi Chapter, 2005.
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15. Subba Raju BV, Singh R, Sreenivas G, **Salotra P**. Genetic Fingerprinting and identification of differentially expressed genes in isolates of *Leishmania donovani* from Indian patients of Post Kala-azar Dermal Leishmaniasis. In Proc. Of World Leish 3 Congress, Sicily, Italy, April 2005, p.331.
16. **Salotra P**, Duncan R, Singh R, Subba Raju BV, Sreenivas G, Nakhasi HL. Genetic determinants up regulated in *Leishmania* isolates from Post Kala-azar dermal leishmaniasis. In Proc. Of World Leish 3 Congress. April 2005, p.327.

17. **Kumar A, Ali A, Yerneni LK.** Incidence of *Mycoplasma* contamination in Indian (Delhi) Tissue Culture Laboratories. Proceedings of the VII Annual Conference-Cum Workshop conducted by the Indian Association of Mycoplasmologists, at VP Chest Institute, New Delhi, 2005.

CALCULATION OF AVERAGE IMPACT FACTOR INSTITUTE OF PATHOLOGY (IOP), New Delhi				
Sl. no.	Publishing Journal	No. of Paper(s)	COVERAGE IN JCR/SCI 2005 IF	TOTAL
1	Acta Cytologica	1	1.022	1.022
2	BMC Cancer	1	1.992	1.992
3	Cancer Immunol. Immunother	1	4.086	4.086
4	Clin Diagn Lab Immunol	1	2.056	2.056
5	Clin Microbiol Infect	1	2.679	2.679
6	Cytopathology	1	0.829	0.829
7	Dermatol Online J	2	--	
8	Eur J Can Prev	1	1.764	1.764
9	Indian J cancer	1	--	
10	Indian J Med Res	2	0.869	1.738
11	Indian J Pathol Microbiol	3	--	
12	Internet J Pathol	1	--	
13	J Clin Microbiol	1	3.537	3.537
14	J Mil Diagn	1	2.885	2.885
15	Mammology	1	--	
16	Urol Oncol	1	--	
17	World J Surg Oncol	2	--	
	TOTAL	22	11(50%)	22.5
	AVERAGE IF		2.05	