
Bio-data

Name: Sachin Thakur

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Present Profile: Senior Research Fellow (CSIR)

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EDUCATION

- **Master of Science** in *Biotechnology*, June 2003, Indian Institute of Technology Roorkee, Roorkee, India.
- **Bachelor of Science** in *Microbiology*, July 2000, Ram Lal Anand College, Delhi University, Delhi, India.

SCHOLARSHIPS, AWARDS AND RECOGNITIONS RECIEVED

- **DBT Student Scholarship Award** (2001-2003). (This award was given by Department of Biotechnology, Government of India during M.Sc. Biotechnology at IIT Roorkee)
- Selected for **Junior Research Fellowship (JRF)** through the nationwide exam by CSIR (Ministry of HRD Government of India), Dec 2002, conducted by Council for Scientific and Industrial Research, India.
- Scored **95.49 percentile** in Graduate Aptitude Test in Engineering (**GATE**) conducted by IIT Chennai (on behalf of Department of Education, Ministry of HRD Government of India) Feb. 2003.
- **Marc Dresden Travel Award** to attend the **American Society of Parasitologists (ASP)** conference at Arlington, Texas USA, 2008.
- **Travel award** to attend the **X International Workshops on Opportunistic Protists (IWOP-10)**, Boston, USA (28-31st May 2008).

POSTER PRESENTATIONS

- **Thakur S**, Pasha ST, Mittal V, Rawat DS. "Polymorphism of GP63 gene of *Leishmania donovani* in Indian Isolates" at **6th Joint annual Conference of Indian Society for Malaria and Communicable Diseases (ISMOCD) and Indian Association of Epidemiologist (IAE)**, Agra, (11-13 Feb 2006).
- **Thakur S**, Pasha ST, Mittal V, Rawat DS, Lal S, Rai A. "Genetic variation of internal transcribed spacer (ITS1/2) locus of *Leishmania donovani* promastigotes in Indian isolates: effect of passaging" at **X International Workshops on Opportunistic Protists (IWOP-10)**, Boston, USA (28-31st May 2008).
- **Thakur S**, Pasha ST, Mittal V, Rawat DS, Lal S, Rai A. "Genetic variation in ribosomal Internal Transcribed Spacer (ITS-1) region of *Leishmania donovani* promastigotes of Indian Isolates" at The 83rd Annual Meeting of **American Society of Parasitologists (ASP)** Arlington, Texas, USA (27-30th June 2008).
- Singh S, Kumar V, **Thakur S**, Grover SS, Pasha ST, Jain SK, Lal S, Banerjee BD, Rai A. "Genetic Polymorphism of Phase I Metabolizing Enzymes CYP1A1 and CYP3A5 in Occupational Workers." has been selected for 15th North America Regional Meeting of **International Society for the Study of Xenobiotics (ISSX)** at San Diego, California (Oct 12-16, 2008).

WORKSHOPS ATTENDED

- International workshop on *Education and Capacity Building in Biophysics*, organized by **Department of Biotechnology, IIT Roorkee** (24-25 Feb 2003).
- Workshop on *International Training & Research in Emerging Infectious Diseases "Intracellular Pathogens"*, **New Delhi** (8-11 March 2005)
- Workshop on *Computational Genome Analysis* organized by **Centre for Development of Advanced Computing (C-DAC), Pune** (6-9 February 2007)
- *Intellectual Property Rights* workshop organized by **IIT Kanpur** (31st march-1st April 2007) sponsored by Ministry of Human resources Development (MHRD), Government of India.
- Theoretical and Practical Course "Molecular Biology of *Leishmania*" organized by **International Centre for Genetic Engineering and Biotechnology (ICGEB) Trieste, Italy** (23-25 October 2008).

PUBLICATIONS

- Gandhoke I, Aggarwal R, Husain SA, Pasha ST, Sethi P, **Thakur S**, Lal S, Khare S. "Congenital CMV infection; diagnosis in symptomatic infants" (Accepted in **Indian Journal of Medical Microbiology** and assigned to publish in **Jul-Sep: 2009 issue**)

- Singh S, Kumar V, **Thakur S**, Grover SS, Pasha ST, Jain SK, Lal S, Banerjee BD, Rai A. "Genetic Polymorphism of Glutathione S-Transferase M1 and T1 in Delhi Population of Northern India". (Accepted in **Environmental Toxicology and Pharmacology (2008, Elsevier)**, doi:10.1016/j.etap.2009.01.010)
- **Thakur S**, Singh S., Pasha, S.T., Rawat, D.S., Pasha, Lal, S., Mittal, V. "Multilocus microsatellite typing (MLMT) approach for genetic analysis of Indian isolates of *Leishmania donovani*". (Communicated in **Annals of Tropical Medicine and Parasitology, UK**)
- **Thakur S**, Singh S., Pasha, S.T., Rawat, D.S., Pasha, Lal, S., Mittal, V. "Genetic variation of Internal Transcribed Spacer (ITS1/2) locus of *Leishmania donovani* promastigotes in Indian Isolates: Effect of Passaging". (Communicated in **Tropical Medicine & International Health**).
- Singh S, Kumar V, **Thakur S**, Banerjee BD, Rautela RS, Grover SS, Jain SK, Lal S, Pasha ST Rai A. "GSTP1 genetic polymorphism is associated with a higher risk of DNA damage in population occupationally exposed to pesticides". (Communicated in **Mutagenesis**, Oxford Journals).
- Singh S, Kumar V, **Thakur S**, Banerjee BD, Rautela R S, Jain SK, Grover SS, Pasha S. T., Rai A. "Evaluation of genetic damage in a Delhi population occupationally exposed to pesticides". (Under review in **Mutation Research- Genetic Toxicology and Environmental Mutagenesis**, Elsevier).



(Sachin Thakur)