Publications:


3. P. Muttil, J. Kaur, K. Kumar, **A. B. Yadav**, R. Sharma and A. Misra

4. J. Kaur, P. Muttil, K. Kumar, **A. B. Yadav**, R. Sharma, and A. Misra

5. Rahul K Verma; Jatinder Kaur; Kaushlendra Kumar; **A. B. Yadav** and Amit Misra
   Intracellular time-course, pharmacokinetics and biodistribution of isoniazid and rifabutin following pulmonary delivery of inhalable microparticles to mice: *Antimicrobial agents and chemotherapy*: 2008 52(9):3195-3201.


7. **A. B. Yadav**, Pavan Muttil and Amit Misra,
   Molecular Markers of Classical and Alternative Activation Induced by Inhalable Biodegradable Microparticles in Macrophages Infected with Pathogenic *Mycobacterium tuberculosis* H37Rv: Under Review

8. **A. B. Yadav** and Amit Misra
   Microarticles treatment modify the gene expression profiles of THP-1 cells infected with H37Rv: Under Preparation

Poster Presentation:

1. P. Muttil, R. Sharma, **A. B. Yadav** A. Misra
   "Inhalable Microparticles containing Anti-tubercular Drugs alter Macrophage Cytokine Secretion in mice infected with Mycobacterium tuberculosis H37Ra" presented at the Graduate Students Meet:"Trends in Life Science" held at Advanced Centre for Treatment, Research & Education in Cancer (ACTREC), Mumbai INDIA, September 24, 2005 (Oral)
2. A. B. Yadav, R. Sharma, P. Muttil, A. Misra
"Tumor Necrosis Factor & Caspase in response to Soluble or Microparticle incorporated Drugs in Mycobacterium tuberculosis infection" presented at the 74th annual meeting of Society of Biological Chemists (India) held at CDRI, Lucknow INDIA, November 7-10, 2005 (Poster)

3. A. B. Yadav, R. Sharma, P. Muttil, A. Misra
"Induction of Caspases, TNF-α and shifting of Cells Population in Cell Cycle in response to Soluble or Microparticle-incorporated Drugs in Mycobacterium tuberculosis infection" presented at the National Conference on Immunology in Health & Disease, Kanpur INDIA, January 11-12 , 2006 (Poster)


6. A. B. Yadav, Amit Kumar Singh and Amit Misra “Genome-wide transcription analysis of interaction between the human macrophage and Mycobacterium tuberculosis during concurrent drug administration by conventional and novel methods” accepted for presentation at the HUGO's 13th Human Genome International Meeting Hyderabad, India, September 27- 30 2008 (Oral & Poster both)

Published Posters:
1. A. B. Yadav and A. Misra
Microparticles modify macrophage apoptosis in response to in vitro infection with Mycobacterium tuberculosis accepted in “New Frontiers in Tuberculosis Research” held at ICGEB, New Delhi, INDIA, December 4-6, 2006 (Abstract), ISBN No-10-0230-63004 page no. 181

