

Publications:

1. (2009). Mehla R, Kumar SRP, **Yadav P**, Barde PV, Yergolkar PN, Erickson BR, Mishra AC, Nichol ST, Mourya DT. Recent ancestry of Kyasanur Forest Disease virus revealed by genetic analysis of viruses isolated over the past 50 years. **Emerging Infectious Diseases**, 15: 1431-37.
2. (2009). Kumar SRP, Patil JA, Barde PV, Cherian SS, Walimbe AM, **Yadav PD**, Yergolkar PN, Shah PS, Dayaraj C, Padbidri VS, Mishra AC, Mourya DT. Molecular evolution of dengue 2 viruses in India (1956-2005): Selection pressure and molecular clock analyses. **J General Virology** 2010; 91: 707-720.
3. (2009). Sivaram A., Barde P.V., Kumar SRP, **Yadav P**, Gokhale MD, Basu A. and Mourya DT. Isolation and characterization of Densonucleosis virus from *Aedes aegypti* mosquitoes and its distribution in India. **Intervirology**. 2009; 52: 1-7.
4. (2008). **Yadav PD**, Mishra AC, Mourya DT. Molecular characterization of Umbre virus (Bunyaviridae). **Virology Journal**. 5:115.
5. (2007). **Yadav PD**, Vincent MJ, Nichol ST. 2007. Thottapalayam virus is genetically distant to the rodent-borne hantaviruses, consistent with its isolation from the Asian house shrew (*Suncus murinus*). **Virology Journal** 4: 80:
6. (2006). **Editorial Review**: Mourya DT and **Yadav P**. Certain vector aspects of dengue and chikungunya viruses. **Indian J Med Res.**, 124: 475-480.
7. (2006). Mourya DT and **Yadav P**. "Insect immune responses and vector competence of mosquitoes": In Integrated Pest Management and Biocontrol, Pointer Publishers, Jaipur, Rajasthan, 275-286 pp.
8. (2005). **Yadav P**, Barde PV, Gokhale MD, Vipat V, Mishra AC, Pal J and Mourya DT. Effect of temperature and insecticide stress on the immature stages and its effect on the susceptibility of *Aedes aegypti* mosquitoes to dengue virus **Southeast Asian J Pub Health**. 36 (5): 259-264.
9. (2004). **Yadav P**, Barde PV, Jadi R., Gokhale M.D, Basu A., Joshi M.V, Mehla R, Kumar SRP, Athawale SS. and Mourya DT. Isolation of Bovine viral diarrhoea virus-2 (BVDV), a Pestivirus from autopsied goat specimen from Tamil Nadu, India. **Acta Virologica**. 48: 223 – 227.
10. (2004). Mourya DT, **Yadav P**. and Mishra AC. Effect of temperature stress on the immature stages and its effect on the susceptibility of *Aedes aegypti* mosquitoes to Chikungunya virus **Am. J. Trop. Med. Hyg** .70:346-350.
11. (2004). Mourya DT, **Yadav P**. and Mishra AC. "The current status of Chikungunya virus in India: A review" in Golden jubilee publication of NIV Commemorative compendium pp. 265-267.
12. (2003). Mourya DT, Singh DK, **Yadav P**, Gokhale MD, Barde PV, Jayakumar PC, Thakare JP, Mishra AC and Shouche YS. Role of gregarine parasite *Ascogregarina culicis* (Apicomplexa: Lecudinidae) in the vertical transmission in the vector mosquito *Aedes aegypti* and maintenance of Chikungunya virus in nature. **J Eukaryot Microbiol** 50 (5): 379-382.
13. (2003). **Yadav P**, Shouche YS, Mishra AC and Mourya DT. Genotyping of Chikungunya viruses isolated in India during 1963-2000. **Acta Virologica**, 47:125-127.
14. (2003). **Yadav P**, Gokhale MD, Barde PV, Singh DK, Mishra AC and Mourya DT. Experimental transmission of Chikungunya virus by *Anopheles stephensi* mosquitoes. **Acta Virologica**, 47: 49-51.

15. (2003). Mourya DT, Rohankhedkar, MS, Yadav P, Dighe V and Deobagkar DN. Enhanced esterase activity in the salivary glands and midguts of *Aedes aegypti* mosquitoes infected with dengue-2 virus. **Indian J Exp. Biol.** 41: 91-93.
16. (2003). Barde PV, SR Rane, DK Singh, Yadav P, V. Dighe, MD Gokhale and DT Mourya. Concomitant effect of *Bacillus thuringiensis* H-14 toxin and Atropine sulphate on the gut epithelial cells of female *Aedes aegypti* mosquitoes. **Entomon**, 28:1-3.

Abstracts published in conference / Proceedings (11)

- 1) (2009). 'Biosafety Challenges in India - Next Step forward' Yadav PD In proceedings of Asia Pacific Biosafety Association meeting held in Manila, Philippines during 29th - 30th April 2009.
 - 2) (2008). **Kyasanur forest disease diagnosis by TaqMan based real time PCR.** Yadav PD, Mehla R, Nichol ST*, Barde PV, Yergolkar PN, Mishra AC and Mourya DT. In proceeding of Microcon 2008 organized by Indian Association of Medical Microbiologist conference held during 21-25th October 2008, Pune, India.
 - 3) (2007). **Genotyping of Kyasanur Forest Disease virus strains isolated from India', at International Conference on 'Emerging and re-emerging viral diseases in the tropics and subtropics'** held at IARI, New Delhi, from Dec 11-14 2007.
 - 4) (2007). **Isolation & characterization of dengue virus from *Aedes aegypti* mosquitoes, India" at International Conference on 'Emerging and re-emerging viral diseases in the tropics and subtropics'** held at IARI, New Delhi, from Dec 11-14 2007.
 - 5) (2006). **Genomic comparison of Ganjam virus M segment with that of Crimean Congo Hemorrhagic Fever virus.** In proceedings American Society of Virology 2006 July 19-22, Atlanta, USA: 175.
 - 6) (2006). **"Genetic variations of *Aedes aegypti* populations from Western Coastal areas of India and their insecticide and Dengue virus susceptibility"**. Mourya D. T., Barde P. V., Gokhale M. D., Yadav P, Lt Col R Kumar, Mehla R., Kumar SRP Bhat, J., Fulmali P., Mahadev P. V. M., Mishra A. C. 8th International Symposium on Vectors and Vector Borne Diseases, Madurai, Oct 13-15 2006.
 - 7) (2006). **"Chikungunya virus activity in Karnataka state, India."** Mourya DT, Kumar SRP, Bhat J, Yadav P, Vipat V, Barde PV, Kumar R, Yergolkar PN. International Conference on Emerging Infectious Diseases (ICEID) proceeding 175, (March 19 – 22, 2006) Atlanta, Georgia, USA
 - 8) (2004). **"Study on the molecular characterization of dengue virus strains isolated in India."** Kumar SRP, Mehla R, Yadav PD, Vipat VC, Athawale SS, Gokhale MD, Mourya DT. International Symposium on "Emerging Viral Infections: New frontiers and Challenges" held on October 11-13, 2004 at National Institute of Virology, Pune (Abstract EVI - 110, Page 64).
 - 9) (2004). **"Detection and characterization of bovine viral diarrhoea virus (BVDV), a pestivirus from autopsied goat specimen from Tamil Nadu, India".** Yadav PD, Barde PV, Jadi RS, Kumar SRP, Mehla R, Gokhale MD, Sudeep AB, Joshi MV and Mourya DT. "International Symposium emerging viral infections" (Oct.11-13, 2004), organized (Abstract 430, Page 175). by National Institute of Virology, Pune, India. (Abstract EVI - 115, Page 68).
 - 10) (2004). **"Genotyping of Ganjam virus isolated in India".** Yadav PD, Kumar SRP, Mehla R, Barde PV, Vipat VC, Jadi RS, Gokhale MD, Sudeep AB, Joshi MV Mourya DT. "International Symposium emerging viral infections" (Oct.11-13, 2004), organized by National Institute of Virology, Pune, India. (Abstract EVI - 083, Page 49).
- (2003) **Experimental transmission of Chikungunya virus by *Anopheles stephensi* mosquito's laboratory".** Yadav PD, Barde PV, Gokhale MD, and Mourya DT. In proceeding of First International Symposia of Medical Entomology, Bhopal, India.