

## Publications

1. **Pawar SD** et al., A Novel Avian Influenza A(H1N1) virus from wild Eurasian Spoonbills revealing a Eurasian-American genetic reassortment. *Virus Genes*, 2010, DOI 10.1007/s11262-010-0487-2. **Impact factor 1.4**
2. **Pawar, SD** et al., Avian influenza surveillance in wild migratory, resident, domestic birds and in poultry in Maharashtra & Manipur, India, during avian migratory season 2006-2007. *Curr. Sci.*, 2009, 97, 550-554. **Impact factor 0.8**
3. **Pawar SD et al.**, Propagation of Chandipura virus in Chick embryos. *Indian J of Exp Biol.*, 2005, 43, 930-932. **Impact factor 0.55**
4. Chakrabarti AK, **Pawar SD et al.**, Characterization of the Influenza A H5N1 viruses of the 2008 outbreaks in India reveals a third introduction and possible endemicity, *PLOS One*, 2009, 4 (11): e7846. **Impact factor 4.4**
5. Gurav YK, **Pawar SD** et al., An outbreak of pandemic influenza A(H1N1) in a boarding school in Panchgani, Maharashtra, India in June-July 2009. *IJMR* 132, 2010, 67-71. **Impact factor 1.88**
6. BV Tandale, **SD Pawar** et al., Seroepidemiology of pandemic influenza A (H1N1) 2009 virus infections in Pune, India. *BMC Infectious Diseases* 2010, 10:255. **Impact factor 2.55**
7. AK Chakrabarti, VC Vipat, S Mukherjee, R Singh, **SD Pawar**, AC Mishra. Host gene expression profiling in influenza A virus-infected lung epithelial (A549) cells: a comparative analysis between highly pathogenic and modified H5N1 viruses. *Virology Journal* , 2010, 7:219 **Impact factor 2.44**
8. Koninika Ray, Varsha A Potdar, Sarah S Cherian, **Shailesh D Pawar**, Santosh M Jadhav, Shamal R Waregaonkar, Anshu A Joshi, Akhilesh C Mishra, Characterization of the complete genome of influenza A (H5N1) virus isolated during the 2006 outbreak in poultry in India, *Virus Gen.*, 2008, 36(2), 345-53. **Impact factor 1.4**
9. Akhilesh Mishra, Sarah Cherian, Alok Chakrabarti, **Shailesh Pawar**, Santosh Jadhav, Biswajoy Pal, Satish Raut, Santosh Koratkar, Sadhana Kode. A unique influenza A (H5N1) virus causing a focal poultry outbreak in 2007 in Manipur, India. *Virol J.* 6:26, 2009. **Impact factor 2.4**
10. Vidya Avinash Arankalle, Shrotri Sandhya, Prabhakar, Walimbe Atul Madhukar, Hanumaih, **Pawar Shailesh Dattatraya**, and Mishra Akhilesh Chandra. G, N, and P Gene-based Analysis of Chandipura Viruses, India. *Emerg Infect Dis.*, 2005, 11, 123-126. **Impact factor 6.77**
11. BL Rao, SS Gandhe, **SD Pawar**, VA Arankalle, SC Shah, AA Kinkier. First Detection of Human Metapneumovirus in children with acute respiratory infection in India: a preliminary report. *J Clin Microbiol.*, 2004, 42, 5961-5962. **Impact factor 3.94**

12. Yeolekar LR, Kulkarni PB, **Pawar SD**, Rao BL. Influenza surveillance in Pune, India: Reappearance of B/Victoria/2/87-like influenza virus strain in 2002. *Curr Sci.*, 2004, 86, 966-968. **Impact factor 0.8**
13. Rao BL et al., A large outbreak of acute encephalitis with high fatality rate in children in Andhra Pradesh, India, in 2003, associated with Chandipura Virus. *Lancet*, 2004; 364(9437): 869-874. **Contribution acknowledged in this paper. Impact factor 30.75**
14. Satish Pande, Pranav Pandit, Aditya Ponkshe, Ram Mone, **Shailesh Pawar**, Akhilesh Mishra Behavioural and virological studies on a rescued Oriental White-backed vulture *Gyps bengalensis* from western Maharashtra, India. Accepted *Journal of Threatened Taxa*. **Impact factor 0.3**

#### **Sent for publication**

1. **SD Pawar et al.**, Pre-clinical evaluation of protective efficacy of the live attenuated and inactivated pandemic influenza (H1N1) 2009 vaccines by mice challenge. *Virology Journal*.
2. SS Kode, **SD Pawar et al.**, Low level of cross-reactive antibodies to pandemic influenza (H1N1) 2009 virus in humans in pre-pandemic period, Maharashtra, India. *IJMR*.

#### **Popular articles**

1. Mishra AC, **Pawar SD**. Swine origin H1N1 Influenza, *Swine Flu Manual, IMA* (Pune Chapter), October 2009, 22-24.
2. **Shailesh Pawar**. Epidemic investigations in NIV: My Experiences. Published in *NIVIA Annual Federation convocation meeting*, National Institute of Virology, Pune, India, 2005.
3. **Shailesh Pawar**. Mucosal immunity and its importance in combating diseases. *Deerghayu International*, vol 16-IV, issue no. 64, Oct-Dec.2000.
4. **Shailesh Pawar**. Emergence of antibiotic resistant super-bugs. *Deerghayu International*, vol 16-III, issue no. 63, July-Sept. 2000.
5. BK Apte, **Shailesh Pawar**. Ecoimmunonutrition. *Deerghayu International*, vol 16-IV, issue no. 64, Oct-Dec.2000.

#### **Newspaper articles**

- **Bird flu:** Sakal Newspaper, February 1998
- **Plague:** Dainik Prabhat Newspaper, 29<sup>th</sup> September 1994

#### **Articles on our work published by the Newspapers**

- **Are migratory birds behind avian influenza virus?** The Indian Express, 30<sup>th</sup> January 2008
- **H1N1 strain isolated in one Eurasian Spoonbill: Report.** The Times of India, 4<sup>th</sup> January 2011.

#### **Contribution to books**

Avian Influenza. Basic Ornithology-Lecture Notes, Ed. Satish Pande, Abasaheb Garware College-Ela foundation, Pune, 225-233, 2008.

**Experience as an editor:** Worked as an editor for an international Ayurved Journal

*Deerghayu International*, vol 16-IV, issue no 64, Oct-Dec.2000.

### **Collaborative work**

- The Global Initiative on Sharing AI Data (GISAID; <http://gisaid.org>) that would foster international sharing of AI isolates and data.
- Collaborative work on AI surveillance with Hong Kong University, Hong Kong.
- Collaboration with Ela foundation, Pune for studies on AI surveillance in migratory birds.
- Collaborative work on pandemic influenza (H1N1) 2009 virus vaccine with the Serum Institute of India Limited (SIIL), Pune, India.
- Collaborative work on Avian Influenza surveillance with Regional Disease Diagnostic Laboratory (RDDL), Eastern Region, Kolkata.

**Membership of international organizations:** Member of Asia Pacific Congress of Medical Virology (APCMV).

### **Teaching Experience**

- Working as a visiting faculty in Microbiology Department of Pune University, M.Sc. Virology course at NIV, Pune, India.
- Worked as a faculty in National and International workshops and training programmes. **Involved as a faculty in Bird flu training programmes.**
- Guided research students of M.Sc. Microbiology, Virology for completion of their dissertation for postgraduate degree.

### **Meetings, Conferences & workshops attended**

- **Invited talk in an international symposium** on AI, New Delhi 28-31 Oct. 2007, Title: Neutralizing antibodies as a surveillance tool for AI. Worked as a repertoire for a session in an international symposium on AI, New Delhi, 28-31 Oct. 2007.
- **Invited talk** on “Avian Influenza Training/Workshop on “Influenza Virus Strain Surveillance” jointly organized by **WHO-CDC-NIV-ICMR** at NIV, Pune, January 20-24, 2007.
- **Invited talk** on “Influenza surveillance in India **Asia Pacific Conference on Medical Virology**. New Delhi, November 13-15, 2006.
- Training/Workshop on “Avian Influenza Preparedness and Response” jointly organized by NICD-DGHS-CDC-WHO at New Delhi, March 6-9, 2007.
- **Worked as a visiting faculty in training courses on AI**, conducted by Disease Investigation Section, Pune, Department of Animal Husbandry, Government of India, in the year 2006.

### **Foreign visits**

- Worked as a “**Guest Researcher**” at **Centers for Disease Control and Prevention (CDC), Atlanta, USA** (April 26 to June 15, 2007) at Immunology & Pathogenesis Branch, Influenza Division, under supervision of Dr. Jacqueline Katz.
- **Toronto, Canada, June 17-23, 2007:** Attended and presented work in “Option for the control of Influenza VI” conference, June 17-23, 2007, held in **Toronto, Canada**.
- Attended and presented work on Animal-human interface activities in India in a meeting on CDC Influenza Animal-Human Interface Meeting, 23-24<sup>th</sup> August 2010, at **CDC, Atlanta, USA**.
- Attended and presented a paper on “Pandemic influenza (H1N1) 2009 adjuvanted inactivated injectable and live attenuated intranasal vaccines confer protection in mice by Shailesh D. Pawar et al., in the conference-Options for the control of influenza, 3-7 September 2010, **Hong Kong, SAR, China**.
- Paper presentation in 3<sup>rd</sup> orthomyxovirus research conference, 28<sup>th</sup>- 31<sup>st</sup> July 2005, **Cambridge University, Cambridge, United Kingdom (UK)**.