

5th World Congress on **Virology**

December 07-09, 2015 Atlanta, USA

Survey of viral diseases of Ajmer, Rajasthan, India

Rashmi Sharma

Samrat Prithviraj Chouhan Government College, Ajmer, India

Ajmer is located in the center of Rajasthan (India) between 25° 38 and 26° 58 North Latitude and 73° 54 and 75° 22 East Longitude covering a geographical area of about 8481 sq km hemmed in all sides by Aravalli hills. Viral diseases occur when an organism's body is invaded by pathogenic viruses and infectious viral particles (virions) enter susceptible cells. The viral diseases which commonly occur in Ajmer are: 1) Influenza (family Orthomyxoviridae), occur by droplet contact. Treatment is by Amantadine, rimantadine, zanamivir, oseltamivir. Prevention is by hand washing, covering the mouth while coughing and sneezing and avoiding close contact. 2) AIDS (Retroviridae) transmission is by sexual contact, blood, breast milk. Treatment is by HAART and prevention by avoiding shared needles, safe sex. Diagnosis is by antibody detection, p24 and nucleic acids. 3) Measles (Paramyxoviridae) transmission by droplet contact, treatment none, prevention by vaccines and avoiding contact, diagnosis is by antibody detection. 4) Mumps (Family Paramyxoviridae) transmission is by droplet contact and treatment none; prevention is vaccine and avoiding close contact. 5) Chicken pox (family Herpesviridae), transmission is by direct contact, treatment by zoster and varicella (acyclovir) and diagnosis by cell culture. 6) Gastroenteritis (Adenoviridae) transmission by droplet contact, fecal and oral; treatment none, prevention is by vaccine diagnosis ELISA. 7) Pneumonia (Paramyxoviridae) transmission by droplet contact, treatment none, prevention by vaccine, diagnosis is by antibody detection.

Biography

Rashmi Sharma has completed her PhD in 2001. She completed her MSc degree in 1993. She has attended 2 refresher courses and 1 orientation course. She has more than 23 years of teaching and research experience. She has attended more than 55 national and international conferences. She is Life member of Indian Science Congress, Member of International Science Congress Association, Global Health, Radiation Biology, etc. She is supervising 2 PhD and 8 MPhil students.

sharmarashmigca@gmail.com

Notes: