

## South Asia Weekly Animal Disease E-Information

Regional Support Unit for South Asian Association for Regional Cooperation (RSU-SAARC)

### INDIA

#### 4 July 2016: Six fold increase in cases of leptospirosis in Mumbai

According to the Out Break News Today, 30 cases of leptospirosis through June have been reported while the number was only five during the corresponding period last year in Mumbai in state of Maharashtra. As the cases are reported from scattered areas therefore this matter is not very alarming. They have killed more than 100,000 rats in an attempt to control the disease. [read more](#)

#### 4 July 2016: 40 horses euthanized due to Glanders in Gujarat

According to the Times of India, as many as 40 equines including over a dozen horses and mules, across the state, have been put to sleep after they were found infected with this highly contagious and fatal disease found in the horse family. The disease is caused by the bacterium *Burkholderia mallei*. The disease causes ulcers in the upper respiratory tract, lungs, and skin of the animal. Humans and other animals are also susceptible and infections are usually fatal. [read more](#)

#### 6 July 2016: World Zoonoses Day observed

The World Zoonoses Day was celebrated on July 6 as in the past to create awareness on zoonotic diseases, how to prevent them and what actions to take when exposed. Various institutions including but not limited to Veterinary College and Research Institute (VCRI), Tirunelveli in Tamilnadu, and in [Kanpur zoo](#) in Uttar Pradesh observed this Day with various programmes. Animal Husbandry Departments of [Kerala](#), [Andhra Pradesh](#) and [Hyderabad](#) states also observed World Zoonoses Day by creating awareness about different zoonotic diseases and conducting various activities such as elocution, poster making and photography and vaccinating pet dogs against rabies. [read more](#)

### NEPAL

#### 3 July 2016: A woman dies of rabies in Bajura

A 23 years old lady who was bitten by stray dog one-and-a-half months before and was not given Anti rabies vaccine because of controversial opinion on its use in pregnancy had died of rabies in Badhu VDC in Bajura district. [read more](#)

### PAKISTAN

#### 2 July 2016: Viral disease (confirmed as PPR) takes its toll on sheep & goat in Chitral

According the Express Tribune about 50 sheep and goats have been killed and many more are feared dead due to PPR in Chitral in Khyber Pakhtunkwa province. The Director General Livestock and dairy Development, Khyber Pakhtunkwa confirmed the outbreak in sheep & goats and refuted in cattle with the remarks that vaccination was ongoing in sheep & goats and the disease was under control. [read more](#)

### OTHERS

#### 6 July 2016: Vector-Borne Diseases' Emergent Threat for Horses

Vector-borne diseases represent a singularly serious threat to the health of humans and domestic livestock species and the future distribution of specific infectious agents can not be predicted with confidence. This is exemplified by the emergence of variants of West Nile virus (lineage 2) in Europe that are highly pathogenic for horses. The same phenomenon has also been observed with respect to human infection with Chikungunya virus and most recently, with Zika virus. [read more](#)

#### 28 June 2016: Zika animal studies yield new disease clues, optimism for vaccine

Two separate animal studies today filled in more information gaps about Zika virus. One study on rhesus monkeys has revealed that monkeys infected with the Zika strain currently circulating in South America can resist infection when challenged by the same strain 10 weeks later. The second study on mouse involving the DNA vaccine suggested that protection was solely from antibodies prompted by the vaccine and the findings offer great hope that a safe and effective vaccine for humans will one day be feasible. [read more](#)