

# 3<sup>rd</sup> International Conference and Exhibition on **Biowaivers, Biologics & Biosimilars**

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## Introduction to ebola virus and transmission

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**E**bola is a human and primates disease caused by Ebola virus originated in western Africa, which is spread through fruit bats which act as a host to Ebola virus. The virus is acquired by direct contact with bodily fluid of infected animals and humans such as urine, semen and saliva.

### **Symptoms:** Ebola initial stage symptoms

After 2 days to 1 week of contracting the virus

- Fever
- Muscle Aches
- Nausea
- Diarrhoea

Ebola advance stage symptoms

After 2-3 weeks Ebola virus spreads throughout the body

- Impaired kidney and liver function
- Internal bleeding
- External bleeding

And finally, 'DEATH'.

**Treatment:** There is no treatment for Ebola virus yet with fatality rate of more than 90%. But the infected person should be immediately provided with medical assistance.

**Prevention:** As we all know that prevention is better than cure, here are few steps to prevent Ebola

- Personal hygiene
- Use protective equipment to avoid direct contact with bodily fluid of infected animals and humans

**Conclusion:** As already stated above there is no treatment for Ebola yet causing death to 90% of people Infected by the disease. Staying away from monkeys, bats, chimpanzees and baboons and also taking precaution in meeting with people infected with Ebola may help in reducing the disease.

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