

Africa: The Hub for the Outbreak of Diseases?

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We have a variety of deadly diseases which originates from Africa and causes outbreak all over the world. Does it seem thought-provoking? What is happening in Africa that causes the outbreak of diseases?

Fighting with the HIV/AIDS has been for over more than three decades and there is no complete treatment for it and now there is an alarming violence of deadly Ebola virus. The emergence of HIV is thought to be the result of mutation in Simian Immunodeficiency Virus found in monkeys. It is supposed that the Ebola virus natural host is fruit bat. The question is, why such viruses are compelling to change their host?

Infectious diseases vary by geographic region and population, and they change over time. The understanding of the basic factors that underlie the geography of human diseases can help us to understand the outbreak of specific diseases. The origin of organism, there genome variability, atmosphere, vectors and lifestyle of people should be studied in detail in order to understand the factors influencing geographic distribution of diseases in isolated populations. Besides this the key point is that, whether all the people in an isolated region developed the disease? If not, then why? The study on people resistant to such diseases can help us to understand better the mechanism of immunity they have acquired.