

Scientists are predicting the next pandemic, it may have already begun but we don't know

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1. Finding a way to kill the HIV virus
2. Review the 10 most devastating disasters in human history

Predicting the type of virus, the time and location of the outbreak will help us start before preventive prevention campaigns. Prevent viruses from spreading to people.

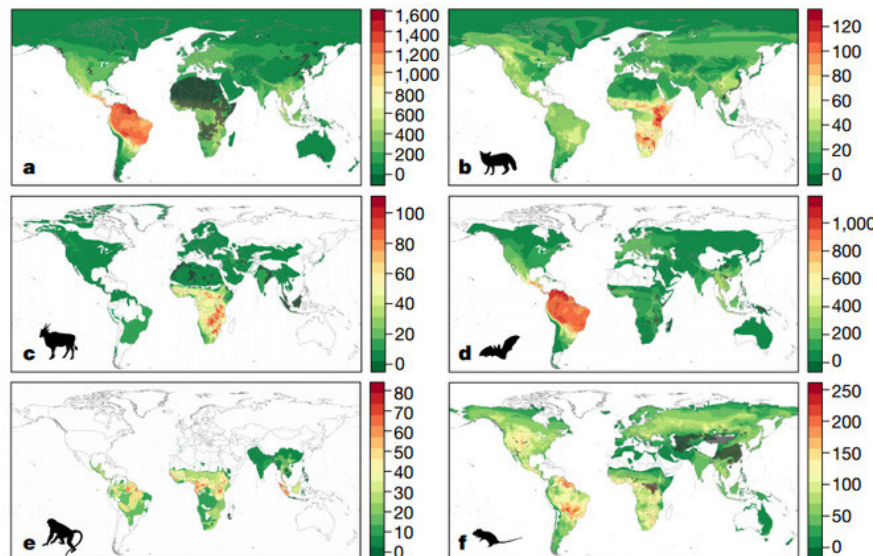


Animals selected by many viruses are a haven for themselves, sometimes they will move to humans. Viruses that cause infectious diseases from animals to humans and vice versa are called 'zoonoses'.

The spread of species occurs at very low frequencies but if it does, it will become disastrous. Evidence is that most pandemics endangering humans in the world come from animals, from HIV, to bird flu, to Zika.

In 2014, the Ebola dangerous pandemic broke out in West Africa, the virus determined to have spread from bats to. The virus killed at least 11,000 people before the world could react and successfully prepare an antiviral vaccine.

Peter Daszak, epidemiologist and research team at the nonprofit EcoHealth Alliance, screened scientific research papers and created a database of 600 viruses that infected 750 mammals. . From there, we can learn about the characteristics and factors that make the virus likely to spread from cattle to humans, helping to predict future pandemics soon.



Virus hotspots in animals are predicted by the study.

Predicting disease and outbreaks allows us to develop vaccines ahead of time and prepare for a response.

Some researchers believe that disease prediction is not just about finding viruses that can infect animals from humans to humans, but we also need to find factors that motivate the virus to spread from person to person.

Because viruses take decades or centuries to jump between people and animals. Only when the elements converge enough, the epidemic breaks out.

Scientists found the Zika virus in monkeys in 1947. And it was not until 2007, after 60 years, that Zika could cause the first outbreak on Yap Island. And it will take 10 years for it to cause a global pandemic.

Currently, the world is still counted as being able to control Zika virus, despite being surprised at the time of the outbreak. Therefore, a survey of the fact that we must keep track of when the virus spreads to humans.



Ronald Rosenberg, another infectious disease researcher, is testing a virus surveillance system that spreads to humans in Uganda, from tracking people who are frequently exposed to wildlife, setting up routine clinics at virus hotspots, screening patients to see if they have a common disease or a strange infectious disease.

Due to many reasons, we have not been able to identify epidemics at the time they infect humans. In fact, there are many outbreaks that we could not predict and most likely will become pandemics in the future. And most likely, the next pandemic has silently started long ago that people still don't know.

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