

# Why expert scientists did not fulfill prevention as early as possible against COVID-19?

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## ABSTRACT

It is sad to hear discussions among the president of the International Union of Immunological Societies and the presidents of 15 other national immunology societies<sup>1</sup>. Their actions against COVID-19 to individual government leaders were not swift. Inconsistent and slow prevention against COVID-19 may prolong the pandemic worldwide. The best surveillance should be implemented in the world as soon as possible.

## KEYWORDS

COVID-19; SARS; airborne; air travel; receptor ACE2; asymptomatic and presymptomatic

It is sad to hear discussions among the president of the International Union of Immunological Societies and the presidents of 15 other national immunology societies<sup>1</sup>. Their actions against COVID-19 to individual government leaders were not swift. **SARS-CoV-2** was named after **SARS** by WHO on **Feb. 11**2020<sup>2</sup>. From Feb. 11, expert scientists who should know the past lessons from SARS 17 years ago and MERS 8 years ago respectively should disseminate that SARS-Cov-2 is an **airborne**infection virus which spreads **person to person** <sup>3,4</sup>. They should also disseminate how to effectively **prevent** the **airborne** infection transmission. They should also **ban air travel** <sup>4</sup>.

Hoffmann et al. discovered that SARS-CoV-2 uses the SARS-CoV**receptor ACE2** for host cell entry on **April 16**in 2020<sup>5</sup>.

For mitigating the COVID-19 pandemic, the expert scientists should disseminate to the world on **isolation** of COVID-19**asymptomatic** and **presymptomatic** patients.

They should also disseminate there is still no vaccine for SARS and MERS despite dozens of attempts to develop them<sup>6</sup>. Since there is no vaccine for COVID-19, urgent isolation is an only strategy for mitigating the pandemic where the robust **surveillance** with**patient's detection** plays a key role.

Inconsistent and slow prevention against COVID-19 may prolong the pandemic worldwide. The best surveillance should be implemented in the world as soon as possible.

## References:

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