

**From:** Fauci, Anthony (NIH/NIAID) [E]  
**Sent:** Sat, 1 Feb 2020 23:56:07 +0000  
**To:** Jason Gale  
**Subject:** RE: (BN) Coronavirus Lurking in Feces May Reveal Hidden Risk of Spread

Thanks, Jason.  
Best regards,  
Tony

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**From:** Jason Gale (BLOOMBERG/ NEWSROOM:) <j.gale@bloomberg.net>  
**Sent:** Saturday, February 1, 2020 6:20 PM  
**To:** Fauci, Anthony (NIH/NIAID) [E] (b) (6)  
**Subject:** (BN) Coronavirus Lurking in Feces May Reveal Hidden Risk of Spread

Hello Dr Fauci,  
Just been watching the press conference on YouTube with you and your federal colleagues.  
Thought you might find this interesting, if you have time to breathe let alone read media reports!  
All the best and hope to see you at the end of next month.  
Jason

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Coronavirus Lurking in Feces May Reveal Hidden Risk of Spread  
2020-02-01 06:55:00.469 GMT

By Jason Gale

(Bloomberg) -- While doctors have focused on respiratory samples from pneumonia cases to identify coronavirus patients, they might have ignored a less apparent and hidden source of the spread: diarrhea.

The novel coronavirus was detected in the loose stool of the first U.S. case -- a finding that hasn't featured among case reports from Wuhan, China, the epicenter of the outbreak. However, that doesn't surprise scientists who have studied coronaviruses, nor doctors familiar with the bug that caused SARS.

Diarrhea occurred in about 10-20% of patients afflicted with severe acute respiratory syndrome about 17 years ago and was the source of an explosive SARS outbreak in the Amoy Gardens residential complex in Hong Kong.

SARS and Wuhan viruses bind to the same distinctly shaped protein receptors in the body that are expressed in the lungs and intestines, making these organs the primary targets for both viruses, said Fang Li, an associate professor of veterinary and biomedical sciences at the University of Minnesota.

The discovery of the Wuhan virus, dubbed 2019-nCoV, in the fecal material of the 35-year-old man treated at the Providence