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From: (10)(2e)
Sent: Tue 5/5/2020 9:46:52 AM
Subject: RE: Detection of sars-cov2 in wastewater
Received: Tue 5/5/2020 9:46:53 AM
[Wang et al - 2005 - J Virol Methods Concentration and detection of SARS coronavirus in sewage from Xiao Tang Shan Hospital and the 309th Hospital.pdf](#)

Dear Khadija AKARID,

Thank you very much for your interest.

With respect to your questions:

1/ We and many other have detected SARS-CoV-2 RNA in sewage. It is yet unclear if and to which extent SARS-CoV-2 remains infectious in wastewater. One publication so far has reported that no infectious SARS-CoV-2 could be detected in hospital sewage. See attached publication. In one publication the virus could be cultured from feces and in other studies not.

2/ For SARS-CoV-2 RNA detection by PCR biosafety level 2 suffices. Only SARS-CoV-2 culture requires BSL3 conditions.

With kindest regards,

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From: (10)(2e) <(10)(2e)@yahoo.fr>
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To: (10)(2e) <(10)(2e)@rivm.nl>
Subject: Fw: Detection of sars-cov2 in wastewater

Dear Doctor de Roda Husman,

I am a professor of immunology at Hassan II University in Casablanca (Morocco). I am sending you this email to solicit you as an expert in research on wastewater and I am particularly interested in your last publication in the Lancet on the Sars Cov 2 virus detection in wastewater.

Considering your expertise in this area, I would have a few questions please:

- 1) Does the virus stay alive in wastewater ?
- 2) Should we take precautions and work in P3 laboratory when looking for the virus detection by PCR ?

Thank you very much for your help and I am looking forward to hearing back from you.

Best regards,
K. Akarid

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