



Robert Karlsson <robertkarlss.se@gmail.com>

Controls for experiments in Virology

3 messages

Robert Karlsson <robertkarlss.se@gmail.com>
To: info@folkhalsomyndigheten.se

Mon, Oct 9, 2023 at 10:26 AM

Dear Folkhälsomyndigheten,

My name is Robert Karlsson. I am biochemist from Sweden.

I am advised by Swedish Society of Virology to contact you regarding controls for experiments in virology. This information is not available on your website.

Maybe you can help me or any relevant virologist or team, or any laboratory for sequencing?

I am interested in control for CPE or cytopathic effect, and control for virus assembly generation regarding SARS-CoV-2 and influenza virus (flu) and measles virus. These controls have to be documented (**definition of the control, description of the control**) in any study.

There is a confusion here. Controls are mentioned sometimes in scientific publications, for example: mock-infected cells, uninfected cells but there is no description of the generation of the cells.

- The controls -

Control 1:

Control experiment that rules out that cytopathic effect, which virologists claim as virus detection, does not come about through the experimental setup itself. Repeat the experiment of detecting the virus with the help of CPE, but the experiment must be virus-free. So, exclude one variable (viruses) from the experiment and repeat the experiment from start to finish.

Control 2:

Control experiments to rule out that the genome of the target virus was assembled "de novo" or by alignment from a negative control culture. Repeat virus assembly experiment from start to finish, but without the presence of any virus.

With kind regards,

Robert

Lena Dillner <lena.dillner@folkhalsomyndigheten.se>
To: Kundtjänst Mikrobiologen <kundtjanst.mikrobiologen@folkhalsomyndigheten.se>, "robertkarlss.se@gmail.com" <robertkarlss.se@gmail.com>

Mon, Oct 9, 2023 at 10:55 AM

Hello Robert

The experiments that you are suggesting are not within the scope for the Public Health Agency. I suggest you contact any virologist working with basic viral research with possibilities to perform the experiments that you are suggesting

below.

Med vänlig hälsning

Lena Dillner

Enhetschef

010-205 23 20

Folkhälsomyndigheten

Enheten för laborativ virus- och vaccinövervakning

lena.dillner@folkhalsomyndigheten.se

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Robert Karlsson <robertkarlss.se@gmail.com>
To: Lena Dillner <lena.dillner@folkhalsomyndigheten.se>

Mon, Oct 9, 2023 at 11:21 AM

Dear Lena,

OK.

Thank you very much for fast response.

With kind regards,

Robert

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