

It takes a special type of scientist to work in our PC3 laboratories

The scientists in our PC3 laboratories are already used to working in isolation, carrying out their research wearing full Personal Protective Equipment (PPE). This is a challenging way to work, as the PPE can be hot, claustrophobic and it can be hard to move (freely) They must undergo a rigorous three-step training process, and are assessed for their suitability to work under such conditions.



Our scientists must fully suit up in Personal Protective Equipment (PPE), known as 'coveralls'. These are single-use only.



All air leaving the lab is purified through a HEPA filtered system one floor above the lab, leaving the Institute via stacks located on the roof.



Before leaving the lab, scientists must place their suits and other single-use equipment in an autoclave for decontamination before it is placed in a clinical waste bin for disposal.



The live COVID-19 virus is currently being studied in the lab. There is also a long waiting list of other researchers wanting to study the virus particles.



Viruses and other hazardous biological material is stored in a special freezer that is maintained at -80 degrees Celsius.



There is a water holding tank underneath the PC3 lab. Once waste water reaches a certain level, it is heated and decontaminated.



Let's make COVID-19 HISTORY

'Failing to prepare is preparing to fail.'

Our scientists are working around the clock to eradicate the diseases and disorders that can devastate. With innovation, persistence, and your support, we can build a better future together. Help us make history, today. Please donate if you can.

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If you have already donated, we send you our most sincere THANKS on behalf of all our scientists. They are so grateful for your support.