

COV/EDI/20/10 - UoE10 Inflammation in Covid-19: Exploration of Critical Aspects of Pathogenesis (ICECAP)

The COVID-19 pandemic is causing widespread illness and death, with lung damage characterising severe disease. How the virus causes lung injury is not understood and no treatments exist. It is therefore urgent and vital that the effects of severe COVID-19 are described to rapidly inform clinical management and identify new treatments. Hospital post-mortems of those dying from COVID-19 will allow examination in a level of detail that is not possible during life. This approach will reveal crucial information on the presence of the coronavirus in multiple organs in the body and also understand how the immune system responds. This will rapidly answer key clinical questions and develop a resource of stored tissue that will support international-level COVID-19 research.