

COV/GLA/20/07 - Viral and Immunological Correlates of Clinical Severity and Response to Anti-Viral Therapy for COVID-19.

How a patient responds to being infected with the SARS-CoV-2 virus (which causes COVID-19) depends on the interaction of their immune system with the virus. In some cases, the immune system itself can exacerbate the disease as a result of uncontrolled inflammatory processes which damage tissues. By correlating information about the virus and the immune system, how both of those change with treatment with an antiviral (e.g. Favipiravir, as part of the GETAFIX trial), and how the patient responds, we can build up a signature of different bio-markers. This will allow clinicians to stratify patients into groups which predict disease severity and response to treatment.