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Lower Levels of ABO Anti-A and Anti-B of IgM, IgG and IgA Isotypes in the Serum but Not the Saliva of COVID-19 Convalescents

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With support from Biobank Graz researchers at Med Uni Graz have established a COVID-19 Convalescent Cohort. Recently a new scientific paper on differences in antibody levels in saliva and serum was published presenting findings from this cohort.

Individuals with ABO type O, naturally possessing anti-A and anti-B antibodies in their serum, are underrepresented among patients infected with SARS-CoV-2 compared with healthy controls. The ABO antibodies might play a role in the viral transmission.

Whereas ABO antibodies in the saliva may not contribute to the pathogenesis of COVID-19, individual pre-existing high serum concentrations of anti-A/anti-B may have a protective effect against SARS-CoV-2 infection.

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More details on the "COVID-19 Convalescent Cohort" >> and other other cohorts from BBMRI.at partners >> (<http://bbmri.at/biobank-cohorts>).



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