

Co/secondary infections with COVID-19 Literature Search Results 09/06/2021

About the Co/secondary infections with COVID-19 Literature Search Results

This resource aims to highlight a small selection of recent Co/secondary infection with COVID-19 papers. The Co/secondary infections Team generate a report once a month on a Wednesday. The report includes both preprints, which should be treated with caution as they are NOT peer-reviewed and may be subject to change, and also research that has been subject to peer review and wider scrutiny. The results are very rapidly produced and do not claim to be a perfect product; the inclusion or omission of a publication should not be viewed as an endorsement or rejection by PHE. We do not accept responsibility for the availability, reliability or content of the items included in this resource.

About the Co/secondary infections with COVID-19 project

The Co/secondary infections with COVID-19 project provides surveillance data for bacterial, viral and fungal pathogens. The Project Board consists of over 40 pathogen experts across multiple PHE departments. A monthly literature search is conducted by Knowledge and Library Services and categorised by pathogen by the project team. If you would like to learn more about the co-infections work please contact Vicki Chalker or Ella Casale COVIDCo-infections@phe.gov.uk

Organism	Article Title	Journal
Acinetobacter	Microbial co-infections in COVID-19: Associated microbiota and underlying mechanisms of pathogenesis.	Microbial Pathogenesis. 2021
Acinetobacter	Metagenomic analysis reveals oropharyngeal microbiota alterations in patients with COVID-19	Signal transduction and targeted therapy. 2021
Acinetobacter	The lower respiratory tract microbiome of critically ill patients with COVID-19.	Scientific reports. 2021
Aspergillus	Comparison of clinical features and outcomes in COVID-19 and influenza pneumonia patients requiring intensive care unit admission	Infection. 2021.
Aspergillus	The impact of covid-19 pandemic on aidsrelated mycoses and fungal neglected tropical diseases: Why should we worry?	Neglected Tropical Diseases. 2021
Aspergillus	Invasive Fungal Sinusitis in Post COVID-19 Patients: A New Clinical Entity.	
Candida	Extensive microbiological respiratory tract specimen characterization in critically ill COVID-19 patients.	APMIS : acta pathologica, microbiologica, et
Enterobacter	The lower respiratory tract microbiome of critically ill patients with COVID-19	Scientific reports. 2021
Haemophilus influenzae	Bacterial coinfections in coronavirus disease 2019.	Trends in Microbiology. 2021.

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Haemophilus influenzae	Microbial co-infections in COVID-19: Associated microbiota and underlying mechanisms of pathogenesis	Microbial Pathogenesis. 2021
Haemophilus influenzae	The lower respiratory tract microbiome of critically ill patients with COVID-19.	Scientific reports. 2021
Haemophilus influenzae	Changes in the incidence of invasive disease due to Streptococcus pneumoniae, Haemophilus influenzae, and Neisseria meningitidis during the COVID-19 pandemic in 26 countries and territories in the Invasive Respiratory Infection Surveillance Initiative: a prospective analysis of surveillance data.	The Lancet Digital health. 2021
Klebsiella	Respiratory bacterial co-infections in intensive care unit-hospitalized COVID-19 patients: Conventional culture vs BioFire FilmArray pneumonia Plus panel.	Journal of Microbiological Methods. 2021
Klebsiella	Bacterial coinfections in coronavirus disease 2019.	Trends in Microbiology. 2021.
Klebsiella	Case Report: Barotrauma in COVID-19 Case Series.	The American journal of tropical medicine and
Klebsiella	Microbial co-infections in COVID-19: Associated microbiota and underlying mechanisms of pathogenesis	Microbial Pathogenesis. 2021
Klebsiella	Carbapenem-resistant klebsiella pneumoniae infections in icu covid-19 patients-a scoping review	Journal of Clinical Medicine. 2021
Klebsiella	Metagenomic analysis reveals oropharyngeal microbiota alterations in patients with COVID-19.	Signal transduction and targeted therapy. 2021
Legionella pneumophila/species	Early Bacterial Identification Among Intubated Patients with COVID-19 or Influenza Pneumonia: A European Multicenter Comparative Cohort Study.	American journal of respiratory and critical care
Legionella pneumophila/species	Microbial co-infections in COVID-19: Associated microbiota and underlying mechanisms of pathogenesis	Microbial Pathogenesis. 2021
Mycobacterium tuberculosis	A pandemic within other pandemics. When a multiple infection of a host occurs: Sars-cov-2, hiv and mycobacterium tuberculosis	Viruses. 2021
Mycoplasma pneumoniae	Microbial co-infections in COVID-19: Associated microbiota and underlying mechanisms of pathogenesis.	Microbial Pathogenesis. 2021
Neisseria meningitidis	Changes in the incidence of invasive disease due to Streptococcus pneumoniae, Haemophilus influenzae, and Neisseria meningitidis during the COVID-19 pandemic in 26 countries and territories	The Lancet Digital health. 2021
Pseudomonas	Respiratory bacterial co-infections in intensive care unit-hospitalized COVID-19 patients: Conventional culture vs BioFire FilmArray pneumonia Plus panel	Journal of Microbiological Methods. 2021

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Pseudomonas	Bacterial coinfections in coronavirus disease 2019.	Trends in Microbiology. 2021.
Pseudomonas	The lower respiratory tract microbiome of critically ill patients with COVID-19	Scientific reports. 2021
Staphylococcus aureus	Respiratory bacterial co-infections in intensive care unit-hospitalized COVID-19 patients: Conventional culture vs BioFire FilmArray pneumonia Plus panel.	Journal of Microbiological Methods. 2021
Staphylococcus aureus	Bacterial coinfections in coronavirus disease 2019.	Trends in Microbiology. 2021.
Staphylococcus aureus	Extensive microbiological respiratory tract specimen characterization in critically ill COVID-19 patients	APMIS : acta pathologica, microbiologica, et
Staphylococcus aureus	Microbial co-infections in COVID-19: Associated microbiota and underlying mechanisms of pathogenesis.	Microbial Pathogenesis. 2021
Streptococcus pneumo	Bacterial coinfections in coronavirus disease 2019.	Trends in Microbiology. 2021.
Streptococcus pneumo	Microbial co-infections in COVID-19: Associated microbiota and underlying mechanisms of pathogenesis.	Microbial Pathogenesis. 2021
Streptococcus pneumo	Changes in the incidence of invasive disease due to Streptococcus pneumoniae, Haemophilus influenzae, and Neisseria meningitidis during the COVID-19 pandemic in 26 countries and territories	The Lancet Digital health. 2021
Adenovirus	Extensive microbiological respiratory tract specimen characterization in critically ill COVID-19 patients	APMIS : acta pathologica, microbiologica, et
Influenza A	Clinical and Immunological Factors That Distinguish COVID-19 From Pandemic Influenza A	Frontiers in Immunology. 2021
Influenza A	Sequential infection with H1N1 and SARS-CoV-2 aggravated COVID-19 pathogenesis in a mammalian model, and co-vaccination as an effective method of prevention of COVID-19 and influenza.	Signal Transduction and Targeted Therapy. 2021
Influenza A	Impact of influenza A co-infection with COVID-19	International Journal of Environmental Research
HIV	The Course of COVID-19 in Four Patients with HIV During the Pandemic.	Current HIV research. 2021
HIV	Coinfection between SARS-CoV-2 and HIV with a low CD4+ T-cells count.	The Medical journal of Malaysia. 2021
HIV	Relationship of SARS-CoV-2-specific CD4 response to COVID-19 severity and impact of HIV-1 and Tuberculosis co-infection.	The Journal of clinical investigation. 2021.

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HIV	Conducting an ongoing HIV clinical trial during the COVID-19 pandemic in Uganda: A qualitative study of research team and participants' experiences and lessons learnt.	BMJ Open. 2021
HIV	COVID-19 Cross-Infection Rate After Surgical Procedures: Incidence and Outcome.	Laryngoscope. 2021.
HIV	Clinical outcomes of coronavirus disease 2019 (COVID-19) amongst HIV patients: a systematic literature review	Epidemiology and health. 2021
HIV	Human immunodeficiency virus and mortality from coronavirus disease 2019: A systematic review and meta-analysis	Journal of HIV Medicine. 2021
HIV	A pandemic within other pandemics. When a multiple infection of a host occurs: Sars-cov-2, hiv and mycobacterium tuberculosis.	Viruses. 2021
HIV	COVID-19 and HIV infection co-pandemics and their impact: a review of the literature	AIDS Research and Therapy. 2021
HIV	Presentation and outcome of COVID-19 in HIV patients with high viral loads and opportunistic infections: a case series.	Ghana medical journal. 2020
Parainfluenza	Microbial co-infections in COVID-19: Associated microbiota and underlying mechanisms of pathogenesis.	Microbial Pathogenesis. 2021