

Co/secondary infections with COVID-19 Literature Search Results 18/12/2020

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 fortnight 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 The report includes both preprints, which should be treated with caution as they are NOT peer-reviewed and may be subject to change, and also research that has been subject to peer review and wider scrutiny.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 fortnightly 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
<i>Acinetobacter</i> spp.,	Increase in Hospital-Acquired Carbapenem-Resistant <i>Acinetobacter baumannii</i> Infection and Colonization in an Acute Care Hospital During a Surge in COVID-19 Admissions - New Jersey, February-July 2020.	MMWR Morbidity and mortality weekly report
<i>Aspergillus</i>	Prevalence of opportunistic invasive aspergillosis in COVID-19 patients with severe pneumonia.	Mycoses. 2020.
<i>Aspergillus</i>	Bloodstream Infection by <i>Saccharomyces cerevisiae</i> in Two COVID-19 Patients after Receiving Supplementation of <i>Saccharomyces</i> in the ICU	Journal of fungi
<i>Aspergillus</i>	Genomic and phenotypic analysis of COVID-19-associated pulmonary aspergillosis isolates of <i>Aspergillus fumigatus</i>.	BioRxiv : the preprint server for biology
<i>Aspergillus</i>	COVID-19 Associated Invasive Pulmonary Aspergillosis: Diagnostic and Therapeutic Challenges	Journal of fungi
<i>Aspergillus</i>	Incidence of invasive pulmonary aspergillosis among critically ill COVID-19 patients.	Clinical microbiology and infection
<i>Aspergillus</i>	Invasive pulmonary aspergillosis and hyperthermia in an immunocompetent patient with COVID-19	Medical Mycology Case Reports
<i>Aspergillus</i>	Late histopathologic characteristics of critically ill COVID-19 patients: Different phenotypes without evidence of invasive aspergillosis, a case series.	Journal of critical care

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<i>Aspergillus</i>	Covid-19-associated pulmonary aspergillosis: The other side of the coin.	Vaccines.
<i>Aspergillus</i>	Does Pulmonary Aspergillosis Complicate Coronavirus Disease 2019?	Critical care explorations
<i>Bordetella pertussis</i>	Early Leukapheresis Depletion in an Ex-Premature with Severe Acute Respiratory Distress Syndrome Due to Bordetella Pertussis and Coronavirus Infection	Blood purification
<i>Bordetella pertussis</i>	Is Bordetella pertussis co-infecting SARS-CoV-2 patients	Brazilian journal of anesthesiology
<i>Candida spp.</i>	Pan-Echinocandin-Resistant Candida glabrata Bloodstream Infection Complicating COVID-19: A Fatal Case Report.	Journal of fungi
<i>Mycobacterium tuberculosis</i>	Pathology of TB/COVID-19 Co-Infection: The phantom menace	Tuberculosis. 2021
<i>Enterovirus D68</i>	SARS-CoV-2 and rhinovirus/enterovirus co-infection in a critically ill young adult patient in Colombia	Biomedica : revista del Instituto Nacional de Salud.
<i>Escherichia coli</i>	Evaluation of bacteriophage efficacy in reducing the impact of single and mixed infections with Escherichia coli and infectious bronchitis in chickens	Infection Ecology and Epidemiology
<i>Haemophilus influenzae</i>	Assessment of Respiratory Bacterial Coinfections Among Severe Acute Respiratory Syndrome Coronavirus 2-Positive Patients Hospitalized in Intensive Care Units Using Conventional Culture and	Open forum infectious diseases
<i>Klebsiella</i>	Carbapenem-resistant Klebsiella pneumoniae in ICU-admitted COVID-19 patients: Keep an eye on the ball.	Journal of Global Antimicrobial Resistance.
<i>Mycobacterium tuberculosis</i>	The case of pulmonary tuberculosis with COVID-19 in an Indian male-a first of its type case ever reported from South Asia.	The Pan African medical journal
<i>Mycobacterium tuberculosis</i>	Genome sequencing of the first SARS-CoV-2 reported from patients with COVID-19 in Ecuador	medRxiv : the preprint server for health sciences.
<i>Staphylococcus aureus</i>	Panton-valentine leukocidin secreting staphylococcus aureus pneumonia complicating COVID-19.	Emerging Infectious Diseases.
<i>Staphylococcus aureus</i>	Pan-Echinocandin-Resistant Candida glabrata Bloodstream Infection Complicating COVID-19: A Fatal Case Report.	A Fatal Case Report.
<i>Staphylococcus aureus</i>	Genome sequencing of the first SARS-CoV-2 reported from patients with COVID-19 in Ecuador	medRxiv : the preprint server for health sciences

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<i>Staphylococcus aureus</i>	Assessment of Respiratory Bacterial Coinfections Among Severe Acute Respiratory Syndrome Coronavirus 2-Positive Patients Hospitalized in Intensive Care Units Using Conventional Culture and BioFire, FilmArray Pneumonia Panel Plus Assay	Open forum infectious diseases
<i>Staphylococcus aureus</i>	Molecular survey and interaction of common respiratory pathogens in chicken flocks (field perspective	Veterinary World
<i>Streptococcus pneumoniae</i>	SARS-CoV2 and Co-Infections: A Review of Two Cases.	Case reports in infectious diseases
<i>Streptococcus pneumoniae</i>	Genome sequencing of the first SARS-CoV-2 reported from patients with COVID-19 in Ecuador	medRxiv : the preprint server for health sciences
<i>Streptococcus pneumoniae</i>	Routine childhood immunisation during the COVID-19 pandemic in Africa: a benefit-risk analysis of health benefits versus excess risk of SARS-CoV-2 infection.	The Lancet Global health.
Adenovirus	Viral diversity of microbats within the south west botanical province of western Australia.	Viruses. 2019
Enterovirus	Epidemiology of severe acute respiratory syndrome Coronavirus 2 emergence amidst community-acquired respiratory viruses	Journal of Infectious Diseases.
Enterovirus	High levels of unreported intraspecific diversity among RNA viruses in faeces of neonatal piglets with diarrhoea.	BMC Veterinary Research.
Influenza A	Co-infection by severe acute respiratory syndrome coronavirus 2 and influenza A(H1N1)pdm09 virus enhances the severity of pneumonia in golden Syrian hamsters.	Clinical infectious diseases
Influenza A	Severe acute respiratory syndrome coronavirus 2 and influenza A virus co-infection in a nine-year-old boy from a family cluster - case report.	Pediatrics Polska
Influenza A	Development of a one-run real-time pcr detection system for pathogens associated with porcine respiratory diseases.	Journal of Veterinary Medical Science
Influenza A	Surveillance and investigative diagnosis of a poultry flock in Great Britain co-infected with an influenza A virus and an avirulent avian avulavirus type 1.	Transboundary and Emerging Diseases.
HIV	Early Virus Clearance and Delayed Antibody Response in a Case of Coronavirus Disease 2019 (COVID-19) With a History of Coinfection With Human Immunodeficiency Virus Type 1 and Hepatitis C Virus.	Clinical infectious diseases
HIV	The risk and impact of COVID-19 pandemic on immunosuppressed patients: Cancer, HIV, and Solid Organ Transplant Recipients	AIDS Reviews.

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HIV	Ischemic stroke related to HIV and SARS-COV-2 co-infection: a case report	Revista da Sociedade Brasileira de Medicina Tropical
HIV	COVID-19 and HIV	Colombia medica
HIV	CoV-2 infection does not induce HIV viral escape in the central nervous system: A case series	International Journal of Infectious Diseases
HIV	Coronavirus Disease 2019 (COVID-19) in a Patient with Disseminated Histoplasmosis and HIV-A Case Report from Argentina and Literature Review.	Journal of fungi
HIV	Effect of a previous history of antiretroviral treatment on the clinical picture of patients with co-infection of SARS-CoV-2 and HIV: A preliminary study	International Journal of Infectious Diseases
HIV	It Ain't Over Till It's Over: The Triple Threat of COVID-19, TB, and HIV	Critical care
HIV	COVID-19 in people living with human immunodeficiency virus: a case series of 33 patients.	Infection. 2020
HIV	HIV and risk of COVID-19 death: a population cohort study from the Western Cape Province, South Africa.	medRxiv : the preprint server for health sciences. 2020.
HIV	Hospital-acquired SARS-CoV-2 pneumonia in a person living with HIV	International journal of STD & AIDS
HIV	Potential Drug Interactions of Repurposed COVID-19 Drugs with Lung Cancer Pharmacotherapies	Archives of Medical Research.
HIV	Analysis of type I IFN response and T cell activation in severe COVID-19/HIV-1 coinfection: A case report: Erratum.	Journal of stroke and cerebrovascular diseases
Parainfluenza 3	Time-course of upper respiratory tract viral infection and COPD exacerbation.	European respiratory journal
Parainfluenza 4	SARS-CoV2 and Co-Infections: A Review of Two Cases.	Case reports in infectious diseases