

Co/secondary infections with COVID-19 Literature Search Results 20/01/2021

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 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 The report includes both preprints, which should be treated with caution as they are NOT peer-reviewed and may be subject to change, and also research that has been subject to peer review and wider scrutiny.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
Acinetobacter	Bacterial/fungal infection in hospitalized patients with COVID-19 in a tertiary hospital in the Community of Castilla y Leon, Spain.	Enfermedades Infecciosas y Microbiologia Clinica. 2021.
Acinetobacter	Study of respiratory viruses and their coinfection with bacterial and fungal pathogens in acute exacerbation of chronic obstructive pulmonary diseases	Lung India. 2021
Aspergillus	Invasive pulmonary aspergillosis after treatment with tocilizumab in a patient with COVID-19 ARDS: a case report.	and Infectious Disease. 2021
Aspergillus	Corticosteroids and secondary infections: An insight into coronavirus disease-2019	Pharmaceutical and Clinical Research
Aspergillus	Bacterial/fungal infection in hospitalized patients with COVID-19 in a tertiary hospital in the Community of Castilla y Leon, Spain.	Enfermedades Infecciosas y Microbiologia Clinica. 2021.
Aspergillus	Ventilator-associated pneumonia in critically ill patients with COVID-19	Critical Care.
Chlamydia pneumoniae	Study of respiratory viruses and their coinfection with bacterial and fungal pathogens in acute exacerbation of chronic obstructive pulmonary diseases	Lung India. 2021
Klebsiella	Study of respiratory viruses and their coinfection with bacterial and fungal pathogens in acute exacerbation of chronic obstructive pulmonary diseases.	Lung India. 2021

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Klebsiella	Klebsiella pneumoniae infections in COVID-19 patients: a 2-month retrospective analysis in an Italian hospital	International journal of antimicrobial agents.
Listeria	On the role of bacterial metalloproteases in COVID-19 associated cytokine storm	Cell communication and signaling
Pseudomonas	Study of respiratory viruses and their coinfection with bacterial and fungal pathogens in acute exacerbation of chronic obstructive pulmonary diseases	Lung India
Pseudomonas	On the role of bacterial metalloproteases in COVID-19 associated cytokine storm	Cell communication and signaling
Pseudomonas	Post-acute COVID-19 associated with evidence of bystander T-cell activation and a recurring antibiotic-resistant bacterial pneumonia	eLife. 2020
Serratia	On the role of bacterial metalloproteases in COVID-19 associated cytokine storm.	Cell communication and signaling
Staphylococcus aureus	Bacterial/fungal infection in hospitalized patients with COVID-19 in a tertiary hospital in the Community of Castilla y Leon, Spain.	Enfermedades Infecciosas y Microbiologia Clinica. 2021.
Staphylococcus aureus	On the role of bacterial metalloproteases in COVID-19 associated cytokine storm	Cell communication and signaling : CCS. 2021
Staphylococcus aureus	Development of secondary bacterial pneumonia in adults presenting with influenza versus noninfluenza viral respiratory infection.	Therapeutic Advances in Respiratory Disease.
Streptococcus pneumo	Pathology of Mutually Exclusive Co-infection with SARS-CoV-2 and Streptococcus pneumoniae.	Emerging infectious diseases. 2021
Streptococcus pneumo	Pneumococcal Conjugate Vaccine Protection against Coronavirus-Associated Pneumonia Hospitalization in Children Living with and without HIV.	mBio. 2021
Streptococcus pneumo	Bacterial/fungal infection in hospitalized patients with COVID-19 in a tertiary hospital in the Community of Castilla y Leon, Spain.	Enfermedades Infecciosas y Microbiologia Clinica. 2021
Streptococcus pneumo	Streptococcus pneumoniae coinfection in hospitalised patients with COVID-19	European journal of clinical microbiology & infectious diseases

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Adenovirus	Characteristics of Nosocomial Infections in Children Screened for SARS-CoV-2 Infection in China	Medical science monitor
Adenovirus	Circulating pattern of respiratory viruses, in Egypt, season 2013-2014.	Bulletin of Pharmaceutical Sciences.
Influenza A	SARS-CoV-2 & influenza A virus co-infection in an elderly patient with pneumonia	The Indian journal of medical research. 2021
Influenza A	A Study of respiratory viruses and their coinfection with bacterial and fungal pathogens in acute exacerbation of chronic obstructive pulmonary diseases.	Lung India. 2021
Influenza A	Understanding the outcomes of COVID-19 - does the current model of an acute respiratory infection really fit?	The Journal of general virology. 2020
Flu A	Circulating pattern of respiratory viruses, in Egypt, season 2013-2014	ulletin of Pharmaceutical Sciences. 2020
Flu B	Circulating pattern of respiratory viruses, in Egypt, season 2013-2014	ulletin of Pharmaceutical Sciences. 2020
Influenza	Cardiovascular implications of COVID-19 versus influenza infection: a review.	BMC Medicine. 2020
Influenza	Reinfection with SARS-CoV-2: Implications for Vaccines.	Clinical infectious diseases
HIV	Advances in Nucleoside and Nucleotide Analogues in Tackling Human Immunodeficiency Virus and Hepatitis Virus Infections.	ChemMedChem. 2021
HIV	Pneumococcal Conjugate Vaccine Protection against Coronavirus-Associated Pneumonia Hospitalization in Children Living with and without HIV	mBio. 2021
HIV	Brief Report: Virologic and Immunologic Outcomes for HIV Patients With Coronavirus Disease 2019	immune deficiency syndromes (1999).
HIV	Genome-wide DNA methylation profiling of peripheral blood reveals an epigenetic signature associated with severe COVID-19	Journal of leukocyte biology. 2021.
HIV	HIV infection and COVID-19 death: a population-based cohort analysis of UK primary care data and linked national death registrations within the OpenSAFELY platform.	The lancet HIV. 2021
HIV	Risk factors and predictors associated with the severity of COVID-19 in China: a systematic review, meta-analysis, and meta-regression	Journal of thoracic disease. 2020
HIV	A systematic review of contemporary evidence on SARS-CoV-2 and HIV coinfection: What does it look like up to date?	Avicenna journal of medicine.

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Human metapneumovirus	Characteristics of human metapneumovirus infection in adults hospitalized for community-acquired influenza-like illness in France, 2012-2018: a retrospective observational study	Clinical Microbiology and Infection. 2021
Parainfluenza	Study of respiratory viruses and their coinfection with bacterial and fungal pathogens in acute exacerbation of chronic obstructive pulmonary diseases.	Lung India. 2021
Parainfluenza	Circulating pattern of respiratory viruses, in Egypt, season 2013-2014	Bulletin of Pharmaceutical Sciences. 2020
RSV	Characteristics of human metapneumovirus infection in adults hospitalized for community-acquired influenza-like illness in France, 2012-2018: a retrospective observational study.	Clinical Microbiology and Infection. 2021
Seasonal coronavirus	Humoral Responses and Serological Assays in SARS-CoV-2 Infections	Frontiers in Immunology. 2020
Seasonal coronavirus	Reinfection with SARS-CoV-2: Implications for Vaccines	the Infectious Diseases Society of America. 2020
Coronavirus NL63	Study of respiratory viruses and their coinfection with bacterial and fungal pathogens in acute exacerbation of chronic obstructive pulmonary diseases	Lung India. 2021