

Co/secondary infections with COVID-19 Literature Search Results 14/04/2021

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 The report includes both preprints, which should be treated with caution as they are NOT peer-reviewed and may be subject to change, and also research that has been subject to peer review and wider scrutiny.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	Pre-optimized phage therapy on secondary Acinetobacter baumannii infection in four critical COVID-19 patients.	Emerging microbes & infections. 2021
Acinetobacter	The impact of universal face masking and enhanced hand hygiene for COVID-19 disease prevention on the incidence of hospital-acquired infections in a Taiwanese hospital.	International journal of infectious diseases
Acinetobacter	Increased antimicrobial resistance during the COVID-19 pandemic	International Journal of Antimicrobial Agents. 2021
Aspergillus	COVID-19-associated invasive pulmonary aspergillosis in a tertiary care center in Mexico City	Medical mycology. 2021.
Aspergillus	COVID-19 Impairs Immune Response to Candida albicans.	Frontiers in Immunology. 2021
Aspergillus	Navigating the uncertainties of COVID-19 associated aspergillosis (CAPA): A comparison with influenza associated aspergillosis (IAPA).	The Journal of infectious diseases. 2021
Aspergillus	Increased antimicrobial resistance during the COVID-19 pandemic	International Journal of Antimicrobial Agents. 2021
Aspergillus	Invasive pulmonary aspergillosis in critically ill patients with severe COVID-19 pneumonia: Results from the prospective AspCOVID-19 study	PLoS ONE. 2021

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Aspergillus	Aspergillosis associated with Covid-19: A word of caution	Infectious Diseases Now. 2021.
Aspergillus	Ventilator-associated pneumonia involving Aspergillus flavus in a patient with coronavirus disease 2019 (COVID-19) from Argentina	Medical Mycology Case Reports. 2021
Aspergillus	State-of-the-art review of secondary pulmonary infections in patients with COVID-19 pneumonia.	Infection. 2021.
Aspergillus	Rates of Aspergillus Co-infection in COVID patients in ICU not as high as previously reported.	Infectious Diseases Society of America. 2021.
Aspergillus	COVID-19 associated pulmonary aspergillosis (CAPA): An Australian case report.	Medical Mycology Case Reports.
Candida	Role of tocilizumab for concomitant systemic fungal infection in severe COVID-19 patient: Case report.	Medicine. 2021
Candida	COVID-19 Impairs Immune Response to Candida albicans.	Frontiers in Immunology. 2021
Candida	Increased antimicrobial resistance during the COVID-19 pandemic.	International Journal of Antimicrobial Agents. 2021
Candida	Post COVID-19 opportunistic candida retinitis: A case report.	Indian journal of ophthalmology. 2021;
Enterobacter	Antimicrobial resistance patterns and antibiotic use during hospital conversion in the COVID-19 pandemic.	Antibiotics. 2021
Enterobacter	Increased antimicrobial resistance during the COVID-19 pandemic	International Journal of Antimicrobial Agents. 2021
Escherichia coli	State-of-the-art review of secondary pulmonary infections in patients with COVID-19 pneumonia.	Infection. 2021.
Escherichia coli	Cefaclor Monohydrate-Loaded Colon-Targeted Nanoparticles for Use in COVID-19 Dependent Coinfections and Intestinal Symptoms: Formulation, Characterization, Release Kinetics, and Antimicrobial Activity.	Assay and drug development technologies. 2021.
Klebsiella	Increased antimicrobial resistance during the COVID-19 pandemic.	International Journal of Antimicrobial Agents. 2021

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Klebsiella	Young Infants With COVID-19 Presented With Sepsis-Like Syndrome: A Retrospective Case Controlled Study.	Frontiers in Pediatrics. 2021
Klebsiella	State-of-the-art review of secondary pulmonary infections in patients with COVID-19 pneumonia.	Infection. 2021.
Mycobacterium tuberculosis	Review of clinical profile, risk factors, and outcomin patients with tuberculosis and covid-19.	Acta Biomedica. 2021
Mycobacterium tuberculosis	Corticosteroids for covid-19 therapy: Potential implications on tuberculosis.	International Journal of Molecular Sciences. 2021
Mycoplasma pneumoniae	Co-infections of SARS-CoV-2 with multiple common respiratory pathogens in infected children: A retrospective study.	Medicine. 2021
Mycoplasma pneumoniae	Clinical and etiological analysis of co-infections and secondary infections in COVID-19 patients: an observational study	The clinical respiratory journal. 2021.
Pseudomonas	Ceftobiprole perspective: Current and potential future indications.	Antibiotics. 2021
Pseudomonas	State-of-the-art review of secondary pulmonary infections in patients with COVID-19 pneumonia.	Infection. 2021.
Staphylococcus aureus	Cervical abscess caused by methicillin-susceptible Staphylococcus aureus in an infant infected with SARS-CoV-2: Diagnostic dilemma.	Journal of Infection and Chemotherapy. 2021.
Staphylococcus aureus	Increased antimicrobial resistance during the COVID-19 pandemic.	International Journal of Antimicrobial Agents. 2021
Staphylococcus aureus	Reducing Spread of Infections with a Photocatalytic Reactor-Potential Applications in Control of Hospital Staphylococcus aureus and Clostridioides difficile Infections and Inactivation of RNA Viruses.	Infectious Disease Reports. 2021
Staphylococcus aureus	State-of-the-art review of secondary pulmonary infections in patients with COVID-19 pneumonia.	Infection. 2021.
Staphylococcus aureus	Coinfections and Intestinal Symptoms: Formulation, Characterization, Release Kinetics, and Antimicrobial Activity.	development technologies. 2021
Streptococcus pneumo	Virus-Induced Changes of the Respiratory Tract Environment Promote Secondary Infections With Streptococcus pneumoniae.	infection microbiology. 2021
Streptococcus pneumo	Clinical and etiological analysis of co-infections and secondary infections in COVID-19 patients: an observational study.	The clinical respiratory journal. 2021.
Adenovirus	Seasonal association between viral causes of hospitalised acute lower respiratory infections and meteorological factors in China: a retrospective study.	The Lancet Planetary Health. 2021

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Adenovirus	Burden of noninfluenza respiratory viral infections in adults admitted to hospital: analysis of a multiyear Canadian surveillance cohort from 2 centres.	Canadian Medical Association journal
Adenovirus	Low circulation of Influenza A and coinfection with SARS-CoV-2 among other respiratory viruses during the COVID-19 pandemic in a region of southern Brazil.	Journal of medical virology. 2021.
Adenovirus	Simultaneous Detection and Mutation Surveillance of SARS-CoV-2 and co-infections of multiple respiratory viruses by Rapid field-deployable sequencing.	Med (New York, NY). 2021.
Influenza A	Co-infection with SARS-CoV-2 and influenza A/H1 in a patient seen at Influenza like-illness surveillance site in Egypt: Case-report.	JMIR public health and surveillance. 2021.
Influenza A	Low circulation of Influenza A and coinfection with SARS-CoV-2 among other respiratory viruses during the COVID-19 pandemic in a region of southern Brazil.	Journal of medical virology. 2021.
Influenza A	Simultaneous Detection and Mutation Surveillance of SARS-CoV-2 and co-infections of multiple respiratory viruses by Rapid field-deployable sequencing.	Med (New York, NY). 2021.
HIV	COVID-19 in patients living with human immunodeficiency virus (HIV) infection: Challenges and way-forward.	Drug discoveries & therapeutics. 2021
Human metapneumovirus	Seasonal association between viral causes of hospitalised acute lower respiratory infections and meteorological factors in China: a retrospective study.	The Lancet Planetary Health. 2021
Parainfluenza	Seasonal association between viral causes of hospitalised acute lower respiratory infections and meteorological factors in China: a retrospective study.	The Lancet Planetary Health. 2021
Parainfluenza	Burden of noninfluenza respiratory viral infections in adults admitted to hospital: analysis of a multiyear Canadian surveillance cohort from 2 centres.	Canadian Medical Association journal
RSV A/B	Seasonal association between viral causes of hospitalised acute lower respiratory infections and meteorological factors in China: a retrospective study.	The Lancet Planetary Health. 2021
Rhinovirus	Burden of noninfluenza respiratory viral infections in adults admitted to hospital: analysis of a multiyear Canadian surveillance cohort from 2 centres	Canadian Medical Association journal
Rhinovirus	Low circulation of Influenza A and coinfection with SARS-CoV-2 among other respiratory viruses during the COVID-19 pandemic in a region of southern Brazil.	Journal of medical virology. 2021.
Rhinovirus	COVID-19 re-infection.	European journal of clinical investigation. 2021: