

## Co/secondary infections with COVID-19 Literature Search Results 10/03/2021

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

*A revised search strategy has been used for this month's literature search and as such these results cover literature from 01/01/2021 to 10/03/2021*

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 The report includes both preprints, which should be treated with caution as they are NOT peer-reviewed and may be subject to change, and also research that has been subject to peer review and wider scrutiny.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	<a href="#">Bacterial and fungal co-infections among COVID-19 patients in intensive care unit.</a>	Microbes and infection. 2021
Acinetobacter	<a href="#">Clonal dispersion of Acinetobacter baumannii in an intensive care unit designed to patients</a>	Journal of infection in developing countries. 2021
Acinetobacter	<a href="#">Erratum regarding missing Declaration of Competing Interest and funding statements in previously published articles</a>	Infection Prevention in Practice. 2021
Aspergillus	<a href="#">Pneumocystis jirovecii pneumonia in an immunocompetent patient recovered from COVID-19</a>	Infectious Diseases. 2021.
Aspergillus	<a href="#">Fatal VAP-related pulmonary aspergillosis by Aspergillus niger in a positive COVID-19 patient</a>	Respiratory Medicine Case Reports. 2021;
Aspergillus	<a href="#">COVID-19-Associated Pulmonary Aspergillosis, March-August 2020</a>	Emerging infectious diseases. 2021
Aspergillus	<a href="#">Bronchoscopy safety precautions for diagnosing COVID-19 associated pulmonary aspergillosis-A simulation study.</a>	Mycoses. 2021
Aspergillus	<a href="#">Tocilizumab administration in COVID-19 patients: Water on the fire or gasoline?</a>	Medical Mycology Case Reports. 2021

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Burkholderia cepacia	<a href="#">Bacterial and fungal co-infections among COVID-19 patients in intensive care unit.</a>	Microbes and infection. 2021
Candida spp	<a href="#">Natural biflavonoids as potential therapeutic agents against microbial diseases.</a>	Science of the Total Environment. 2021
Chlamydia pneumoniae	<a href="#">Multiplexed analysis of circulating IgA antibodies for SARS-CoV-2 and common respiratory pathogens in COVID-19 patients.</a>	Journal of Medical Virology. 2021.
Enterobacter	<a href="#">Relationship between SARS-CoV-2 infection and the incidence of ventilator-associated lower respiratory tract infections: a European multicenter cohort study.</a>	Intensive Care Medicine. 2021;
Enterobacter	<a href="#">Clonal dispersion of Acinetobacter baumannii in an intensive care unit designed to patients COVID-19.</a>	Journal of infection in developing countries. 2021
Enterobacter	<a href="#">Erratum regarding missing Declaration of Competing Interest and funding statements in previously published articles</a>	Infection Prevention in Practice. 2021
Escherichia coli	<a href="#">Community-acquired bacteraemia in COVID-19 in comparison to influenza A and influenza B: a retrospective cohort study.</a>	BMC Infectious Diseases. 2021
Escherichia coli	<a href="#">Photodynamic Coatings on Polymer Microfibers for Pathogen Inactivation: Effects of Application Method and Composition.</a>	ACS applied materials & interfaces. 2021
Escherichia coli	<a href="#">Natural biflavonoids as potential therapeutic agents against microbial diseases.</a>	Science of the Total Environment. 2021
Escherichia coli	<a href="#">Transcriptome based analysis of apoptosis genes in chickens co-infected with avian infectious bronchitis virus and pathogenic escherichia coli.</a>	Iranian Journal of Microbiology. 2021
Klebsiella	<a href="#">Relationship between SARS-CoV-2 infection and the incidence of ventilator-associated lower respiratory tract infections: a European multicenter cohort study.</a>	Intensive Care Medicine. 2021
Klebsiella	<a href="#">Clonal dispersion of Acinetobacter baumannii in an intensive care unit designed to patients COVID-19</a>	Journal of infection in developing countries. 2021
Klebsiella	<a href="#">Erratum regarding missing Declaration of Competing Interest and funding statements in previously published articles</a>	Infection Prevention in Practice. 2021
Mycobacterium tuberculosis	<a href="#">COVID-19 and Mycobacterium Tuberculosis Coinfection: A Case Report</a>	West African journal of medicine. 2021

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Mycoplasma pneumoniae	<a href="#">Multiplexed analysis of circulating IgA antibodies for SARS-CoV-2 and common respiratory pathogens in COVID-19 patients.</a>	Journal of Medical Virology. 2021.
Mycoplasma pneumoniae	<a href="#">Retrospective review analysis of COVID-19 patients co-infected with Mycoplasma pneumoniae.</a>	Indian Chest Society. 2021
Pseudomonas	<a href="#">Bacterial and fungal co-infections among COVID-19 patients in intensive care unit.</a>	Microbes and infection. 2021
Pseudomonas	<a href="#">Relationship between SARS-CoV-2 infection and the incidence of ventilator-associated lower respiratory tract infections: a European multicenter cohort study</a>	Intensive Care Medicine. 2021
Pseudomonas	<a href="#">Clonal dispersion of Acinetobacter baumannii in an intensive care unit designed to patients COVID-19.</a>	Journal of infection in developing countries. 2021
Staphylococcus aureus	<a href="#">SARS-CoV-2 Respiratory Co-Infections: Incidence of Viral and Bacterial Co-Pathogens</a>	International journal of infectious diseases
Staphylococcus aureus	<a href="#">Photodynamic Coatings on Polymer Microfibers for Pathogen Inactivation: Effects of Application Method and Composition.</a>	ACS applied materials & interfaces. 2021;
Staphylococcus aureus	<a href="#">In depth analysis of patients with severe SARS-CoV-2 in sub-Saharan Africa demonstrates distinct clinical and immunological profiles.</a>	server for health sciences. 2021
Staphylococcus aureus	<a href="#">Natural biflavonoids as potential therapeutic agents against microbial diseases.</a>	Science of the Total Environment. 2021
Staphylococcus aureus	<a href="#">Clonal dispersion of Acinetobacter baumannii in an intensive care unit designed to patients COVID-19.</a>	Journal of infection in developing countries. 2021
Staphylococcus aureus	<a href="#">Erratum regarding missing Declaration of Competing Interest and funding statements in previously published articles</a>	Infection Prevention in Practice. 2021
Streptococcus pneumo	<a href="#">Community-acquired bacteraemia in COVID-19 in comparison to influenza A and influenza B: a retrospective cohort study.</a>	BMC Infectious Diseases. 2021
Streptococcus pneumo	<a href="#">A Longitudinal Study of the Epidemiology of Seasonal Coronaviruses in an African Birth Cohort.</a>	Infectious Diseases Society. 2021.
Streptococcus pneumo	<a href="#">In depth analysis of patients with severe SARS-CoV-2 in sub-Saharan Africa demonstrates distinct clinical and immunological profiles.</a>	server for health sciences. 2021.
Streptococcus pneumo	<a href="#">Risk of Pneumococcal Coinfection With Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2): Prospective National Cohort Study, England.</a>	an official publication of the Infectious Diseases
Adenovirus	<a href="#">Characteristics of respiratory virus infections in autologous hematopoietic stem cell transplantation patients, a prospective study, Bern, Switzerland, 2015-2017.</a>	Infectious Diseases. 2021.

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Adenovirus	<a href="#">Prevalence of respiratory viruses by Multiplex PCR: a four-and-a-half year retrospective study in an Italian general hospital.</a>	Le infezioni in medicina. 2021
Adenovirus	<a href="#">Multiplexed analysis of circulating IgA antibodies for SARS-CoV-2 and common respiratory pathogens in COVID-19 patients.</a>	Journal of Medical Virology. 2021.
Adenovirus	<a href="#">Etiology of febrile respiratory infections in the general adult population in Singapore, 2007-2013.</a>	Heliyon. 2021;
Influenza A	<a href="#">Co-infection of SARS-COV-2 and Influenza A Virus: A Case Series and Fast Review.</a>	Current medical science. 2021
Influenza A	<a href="#">Absence of nosocomial influenza and respiratory syncytial virus infection in the coronavirus disease 2019 (COVID-19) era: Implication of universal masking in hospitals.</a>	Hospital Epidemiology. 2021;
Influenza A	<a href="#">Community-acquired bacteraemia in COVID-19 in comparison to influenza A and influenza B: a retrospective cohort study</a>	BMC Infectious Diseases. 2021
Influenza A	<a href="#">Coinfection with influenza A virus enhances SARS-CoV-2 infectivity.</a>	Cell research. 2021.
HIV	<a href="#">COVID-19 in three people living with HIV in the United Kingdom.</a>	Journal of medical virology. 2021
HIV	<a href="#">The Critical Need for Pooled Data on COVID-19 in African Children: An AFREhealth Call for Action through Multi-Country Research Collaboration.</a>	an official publication of the Infectious Diseases
HIV	<a href="#">HIV and SARS-CoV-2 Co-infection: A Systematic Review of the Literature and Challenges.</a>	AIDS research and human retroviruses. 2021.
HIV	<a href="#">Perspective piece effect of SARS-CoV-2 infection in pregnancy on maternal and neonatal outcomes in Africa: An AFREhealth call for evidence through multicountry research collaboration.</a>	Tropical Medicine and Hygiene. 2021
HIV	<a href="#">In depth analysis of patients with severe SARS-CoV-2 in sub-Saharan Africa demonstrates distinct clinical and immunological profiles.</a>	server for health sciences. 2021.
HIV	<a href="#">PRESSING QUESTIONS AND CHALLENGES IN THE HIV-1 AND SARS-COV-2 SYNDROMIC</a>	AIDS research and human retroviruses. 2021.
HIV	<a href="#">Natural biflavonoids as potential therapeutic agents against microbial diseases</a>	Science of the Total Environment. 2021
HIV	<a href="#">Editorial - HIV and cancer during COVID-19 pandemic: Sailing through the perfect storm</a>	Medical and Pharmacological Sciences.
HIV	<a href="#">The diagnostic challenge of pneumocystis pneumonia and COVID-19 co-infection in HIV.</a>	Respirology case reports. 2021

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Human metapneumovirus	<a href="#">Characteristics of respiratory virus infections in autologous hematopoietic stem cell transplantation patients, a prospective study, Bern, Switzerland, 2015-2017.</a>	Infectious Diseases. 2021.
Human metapneumovirus	<a href="#">Prevalence of respiratory viruses by Multiplex PCR: a four-and-a-half year retrospective study in an Italian general hospital.</a>	Le infezioni in medicina. 2021
Human metapneumovirus	<a href="#">Identification of pathogens from the upper respiratory tract of adult emergency department patients at high risk for influenza complications in a pre-Sars-CoV-2 environment</a>	and Infectious Disease. 2021
Parainfluenza	<a href="#">Characteristics of respiratory virus infections in autologous hematopoietic stem cell transplantation patients, a prospective study, Bern, Switzerland, 2015-2017.</a>	Infectious Diseases. 2021.
Parainfluenza	<a href="#">Prevalence of respiratory viruses by Multiplex PCR: a four-and-a-half year retrospective study in an Italian general hospital.</a>	Le infezioni in medicina. 2021
Parainfluenza	<a href="#">Multiplexed analysis of circulating IgA antibodies for SARS-CoV-2 and common respiratory pathogens in COVID-19 patients.</a>	Journal of Medical Virology. 2021.
Parainfluenza	<a href="#">Etiology of febrile respiratory infections in the general adult population in Singapore, 2007-2013.</a>	Heliyon. 2021
Seasonal coronavirus	<a href="#">A Longitudinal Study of the Epidemiology of Seasonal Coronaviruses in an African Birth Cohort.</a>	Infectious Diseases Society. 2021.
Seasonal coronavirus	<a href="#">Interactions between seasonal human coronaviruses and implications for the SARS-CoV-2 pandemic: A retrospective study in Stockholm, Sweden, 2009-2020</a>	Journal of Clinical Virology. 2021