# DOCUMENTS GOUVERNEMENTAUX (9)

## Health Secretary sets out government "battle plan" for COVID-19

Every government department to have a designated Ministerial virus lead to help oversee Government response to the global threat of COVID-19
*www.gov.uk* *(e-date: 02/03/2020)*
*Lien original*

## CMO for England announces 12 new cases of novel coronavirus: 01 March 2020

Chief Medical Officer Professor Chris Whitty statement on 12 new cases of COVID-19.
*www.gov.uk* *(e-date: 02/03/2020)*
*Lien original*

## COVID-19: guidance for sampling and for diagnostic laboratories [mis à jour le 02/03/2020]

COVID-19: guidance for sampling and for diagnostic laboratories
Information for clinical diagnostic laboratories regarding safety, sampling and packaging specimens associated with COVID-19.
*www.gov.uk* *(e-date: 02/03/2020)*
*Lien original*

## Coronavirus disease 2019 (COVID-19) Situation Report –41

As there is currently no known effective antiviral therapy for COVID-19, the WHO R&D Blueprint has prioritized investigational therapeutics and developed a master randomized clinical trial protocol that can be used and adapted at the national level. There are many ongoing
*www.who.int* *(e-date: 01/03/2020)*
*Lien original*

## Coronavirus (COVID-19) Update: FDA and CDC take action to increase access to respirators, including N95s, for health care personnel | FDA

Coronavirus (COVID-19) Update: FDA and CDC take action to increase access to respirators, including N95s, for health care personnel
certain National Institute for Occupational Safety and Health (NIOSH) approved respirators not currently regulated by the FDA to be used in a health care setting by health care personnel during the coronavirus (COVID-19) outbreak, thereby maximizing the number of respirators available to meet the needs of the U.S. health care system.
*www.fda.gov* *(e-date: 03/03/2020)*
*Lien original*

### Management of a suspected case of COVID-19. Version 8 [Mis à jour le 02/03/2020]

*assets.publishing.service.gov.uk (e-date: 02/03/2020)*
*Lien original*

### Rapid risk assessment: Outbreak of novel coronavirus disease 2019 (COVID-19): increased transmission globally – fifth update

The risk associated with COVID-19 infection for people in the EU/EEA and UK is currently considered to be moderate to high, based on the probability of transmission and the impact of the disease.
*www.ecdc.europa.eu (e-date: 02/03/2020)*
*Lien original*

### Resource estimation for contact tracing, quarantine and monitoring activities for COVID-19 cases in the EU/EEA

This document aims to inform resource planning for contact tracing, quarantine and monitoring activities for COVID-19 cases within European Union/European Economic Area (EU/EEA) Member States.
*www.ecdc.europa.eu (e-date: 02/03/2020)*
*Lien original*

### Coronavirus (COVID-19): latest information and advice [mis à jour le 02/03/2020]

Information for the public on the outbreak of coronavirus, including the current situation in the UK and information about the virus and its symptoms.
*www.gov.uk (e-date: 02/03/2020)*
*Lien original*

### COVID-19: background information [mis à jour le 02/03/2020]

Information on COVID-19 including epidemiology, virology and clinical features.
*www.gov.uk (e-date: 03/03/2020)*
*Lien original*

*Sommaire*

# NEWS (3)

### Seattle is hot spot for COVID-19 as US cases hit 100

Seattle is hot spot for COVID-19 as US cases hit 100
Seattle has emerged as a hot spot for COVID-19 activity, after a weekend that saw at least two dozen newly confirmed cases from the West to East Coasts.

## WHO team arrives in Iran; COVID-19 surges in Korea, Italy

WHO team arrives in Iran; COVID-19 surges in Korea, Italy
A team from the World Health Organization (WHO) arrived today in Iran, one of the three main hot spots outside China, along with shipments of COVID-19 virus test kits and protective equipment for healthcare workers, as case levels surged in South Korea and Italy and at least nine more countries reported their first cases.
*www.cidrap.umn.edu* *(e-date: 03/03/2020)*
*Lien original*

# PREPRINTS (33)

## Deep learning-based model for detecting 2019 novel coronavirus pneumonia on high-resolution computed tomography: a prospective study

Deep learning-based model for detecting 2019 novel coronavirus pneumonia on high-resolution computed tomography: a prospective study
Background: Computed tomography (CT) is the preferred imaging method for diagnosing 2019 novel coronavirus (COVID19) pneumonia. Our research aimed to construct a system based on deep learning for detecting COVID-19 pneumonia on high resolution CT, relieve working pressure of radiologists and contribute to the
*www.medrxiv.org* *(e-date: 02/03/2020)*
*Lien original*

## Evaluation of Enzyme-Linked Immunoassay and Colloidal Gold-Immunochromatographic Assay Kit for Detection of Novel Coronavirus (SARS-Cov-2) Causing an Outbreak of Pneumonia (COVID-19)

Evaluation of Enzyme-Linked Immunoassay and Colloidal Gold-Immunochromatographic Assay Kit for Detection of Novel Coronavirus (SARS-Cov-2) Causing an Outbreak of Pneumonia (COVID-19)
Abstract BACKGROUND: In December 2019, a novel coronavirus (SARS-CoV-2) infected pneumonia (COVID-19) occurred in Wuhan, China. Travel-associated cases have also been reported in other countries. The number of cases has increased rapidly but laboratory diagnosis
*www.medrxiv.org* *(e-date: 02/03/2020)*
*Lien original*

## Prediction of survival for severe Covid-19 patients with three clinical features: development of a machine learning-based prognostic model with clinical data in Wuhan

Prediction of survival for severe Covid-19 patients with three clinical features: development of a machine learning-based prognostic model with clinical data in Wuhan

The swift spread of COVID-19 epidemic has attracted worldwide attentions since Dec., 2019. Till date, 77,041 confirmed Chinese cases have been reported by National Health Commission of P.R. China with 9,126 critical cases whose

*www.medrxiv.org* *(e-date: 02/03/2020)*
*Lien original*

## Transmission characteristics of the COVID-19 outbreak in China: a study driven by data

Transmission characteristics of the COVID-19 outbreak in China: a study driven by data

The COVID-19 outbreak has been a serious public health threat worldwide. We use individually documented case descriptions of COVID-19 from China (excluding Hubei Province) to estimate the distributions of the generation

*www.medrxiv.org* *(e-date: 02/03/2020)*
*Lien original*

## Predictions for the binding domain and potential new drug targets of 2019-nCoV

An outbreak of new SARS-like viral in Wuhan, China has been named 2019-nCoV. The current state of the epidemic is increasingly serious, and there has been the urgent necessity to develop an effective new drug. In previous studies, it was found that

*www.biorxiv.org* *(e-date: 03/03/2020)*
*Lien original*

## An ultrasensitive, rapid, and portable coronavirus SARS-CoV-2 sequence detection method based on CRISPR-Cas12

Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) has received global attention due to the recent outbreak in China. In this work, we report a CRISPR-Cas12 based diagnostic tool to detect synthetic SARS-CoV-2 RNA sequences in a proof

*www.biorxiv.org* *(e-date: 03/03/2020)*
*Lien original*

## The 2019 coronavirus (SARS-CoV-2) surface protein (Spike) S1 Receptor Binding Domain undergoes conformational change upon heparin binding.

the polydisperse, natural products of heparan sulfate and the allied polysaccharide, heparin have been found to be involved and prevent infection by a range of viruses including S-associated coronavirus strain HSR1. Here we use surface plasmon resonance and circular dichroism to measure the

interaction between the SARS-CoV-2 Spike S1 protein receptor binding domain (SARS-CoV-2 S1 RBD) and heparin. The
*www.biorxiv.org* *(e-date: 03/03/2020)*
*Lien original*

## Strategies for vaccine design for corona virus using Immunoinformatics techniques

the knowledge of systems biology and immune profiling for designing vaccine against infectious disease. In our present study, an epitope-based peptide vaccine against nonstructural protein 4 of beta coronavirus, using a combination of B cell and T cell epitope predictions, followed by molecular docking methods are performed. Here, protein sequences of homologous nonstructural protein 4 of beta coronavirus are collected
*www.biorxiv.org* *(e-date: 03/03/2020)*
*Lien original*

## Evaluating the impact of international airline suspensions on the early global spread of COVID-19

*www.medrxiv.org* *(e-date: 03/03/2020)*
*Lien original*

## Clinical Data on Hospital Environmental Hygiene Monitoring and Medical Staff Protection during the Coronavirus Disease 2019 Outbreak

Background: The outbreak of coronavirus disease 2019 (COVID-19) has placed unprecedented challenges on hospital environmental hygiene and medical staff protection. It is crucial to assess hospital environmental hygiene to understand the most
*www.medrxiv.org* *(e-date: 03/03/2020)*
*Lien original*

## Screening of FDA-approved drugs using a MERS-CoV clinical isolate from South Korea identifies potential therapeutic options for COVID-19

In 2015, the Middle East respiratory syndrome coronavirus (MERS-CoV) reached the Republic of Korea, resulting from nosocomial transmission, and was the largest epidemic outside of the Arabian Peninsula. To date, despite various strategies to identify CoV interventions
*www.biorxiv.org* *(e-date: 02/03/2020)*
*Lien original*

## Designing of a next generation multiepitope based vaccine (MEV) against SARS-COV-2: Immunoinformatics and in silico approaches

Coronavirus disease 2019 (COVID-19) associated pneumonia caused by severe acute respiratory coronavirus 2 (SARS-COV-2) was first reported in Wuhan, China in December 2019. Till date, no vaccine or completely effective
*www.biorxiv.org* *(e-date: 02/03/2020)*

## Comparative genomic analysis revealed specific mutation pattern between human coronavirus SARS-CoV-2 and Bat-SARSr-CoV RaTG13

Comparative genomic analysis revealed specific mutation pattern between human coronavirus SARS-CoV-2 and Bat-SARSr-CoV RaTG13
The novel coronavirus SARS-CoV-2 (2019-nCoV) is a member of the family coronaviridae and contains a single-stranded RNA genome with positive-polarity. To reveal the evolution mechanism of SARS-CoV-2 genome, we performed comprehensive
*www.biorxiv.org* *(e-date: 02/03/2020)*

## Molecular Dynamics Simulations Indicate the COVID-19 Mpro Is Not a Viable Target for Small-Molecule Inhibitors Design

Molecular Dynamics Simulations Indicate the COVID-19 Mpro Is Not a Viable Target for Small-Molecule Inhibitors Design
The novel coronavirus whose outbreak took place in December 2019 continues to spread at a rapid rate worldwide. In the absence of an effective vaccine, inhibitor repurposing or de novo design may offer a longer-term strategy
*www.biorxiv.org* *(e-date: 02/03/2020)*

## CRISPR-based COVID-19 surveillance using a genomically-comprehensive machine learning approach

CRISPR-based COVID-19 surveillance using a genomically-comprehensive machine learning approach
The emergence and outbreak of SARS-CoV-2, the causative agent of COVID-19, has rapidly become a global concern and has highlighted the need for fast, sensitive, and specific diagnostics. Here we provide assay designs and experimental resources, for use with CRISPR-based nucleic
*www.biorxiv.org* *(e-date: 02/03/2020)*

## TWIRLS, an automated topic-wise inference method based on massive literature, suggests a possible mechanism via ACE2 for the pathological changes in the human host after coronavirus infection

TWIRLS, an automated topic-wise inference method based on massive literature, suggests a possible mechanism via ACE2 for the pathological changes in the human host after coronavirus infection
Faced with the current large-scale public health emergency, collecting, sorting, and analyzing biomedical information related to the "coronavirus" should be done as quickly as possible to gain a global perspective, which is a basic requirement for strengthening epidemic control capacity. However, for human researchers studying the viruses and
*www.biorxiv.org* *(e-date: 02/03/2020)*

### Kallikrein 13: a new player in coronaviral infections.

Human coronavirus HKU1 (HCoV-HKU1) is associated with respiratory disease and is prevalent worldwide, but in vitro model for virus replication is lacking. Interaction between the coronaviral spike (S) protein and its

*www.biorxiv.org* *(e-date: 02/03/2020)*
*Lien original*

### Design of multi epitope-based peptide vaccine against E protein of human COVID-19: An immunoinformatics approach

Background: New endemic disease has been spread across Wuhan City, China on December 2019. Within few weeks, the World Health Organization (WHO) announced a novel coronavirus designated as coronavirus disease 2019 (COVID-19). In late January 2020, WHO declared the outbreak

*www.biorxiv.org* *(e-date: 03/03/2020)*
*Lien original*

### Estimation of local novel coronavirus (COVID-19) cases in Wuhan, China from off-site reported cases and population flow data from different sources

Backgrounds: In December 2019, a novel coronavirus (COVID-19) pneumonia hit Wuhan, Hubei Province, China and spread to the rest of China and overseas. The emergence of this virus coincided with the Spring Festival Travel Rush in China. It is possible

*www.medrxiv.org* *(e-date: 03/03/2020)*
*Lien original*

### Forecasting the Cumulative Number of COVID-19 Deaths in China: Can More Lives Be Saved?

Background: An outbreak of 2019 novel coronavirus diseases (COVID-19) caused by SARS-CoV-2 is on-going in China and appears to approach late phase. It is highly demanding to estimate how many COVID-19 patients will die eventually. In this study, an estimate

*www.medrxiv.org* *(e-date: 03/03/2020)*
*Lien original*

### Detectable serum SARS-CoV-2 viral load (RNAaemia) is closely associated with drastically elevated interleukin 6 (IL-6) level in critically ill COVID-19 patients

Background: Although the SARS-CoV-2 viral load detection of respiratory specimen has been widely used for novel coronavirus disease (COVID-19) diagnosis, it is undeniable that serum SARS-CoV-2 nucleic acid (RNAaemia) could be detected in a fraction of the COVID-19 patients. However, it is not clear that if the incidence of RNAaemia

*www.medrxiv.org* *(e-date: 03/03/2020)*
*Lien original*

## The spatiotemporal estimation of the dynamic risk and the international transmission of 2019 Novel Coronavirus (COVID-19) outbreak: A global perspective

An ongoing novel coronavirus SARS-CoV-2 pneumonia infection outbreak called COVID-19 started in Wuhan, Hubei Province, China, in December 2019. It both spread rapidly to all provinces in China and started spreading around the world

*www.medrxiv.org* *(e-date: 03/03/2020)*
*Lien original*


## Precautions are Needed for COVID-19 Patients with Coinfection of Common Respiratory Pathogens

Background: In our clinical practice, we found a large proportaion of patients diagnosed with Coronavirus Disease 2019 (COVID-19) had coinfections with other seasonal respiratory pathogens in Qingdao, northeast China, which differred greatly from earlier cases reported in the epidemic center, Wuhan, central

*www.medrxiv.org* *(e-date: 03/03/2020)*
*Lien original*


## Vicarious traumatization in the general public, members, and non-members of medical teams aiding in COVID-19 control

Since December 2019, more than 79,000 people have been diagnosed with infection of the Corona Virus Disease 2019 (COVID-19). A large number of medical staff were dispersed for Wuhan city and Hubei province to aid COVID-19 control. Psychological stress, especially vicarious traumatization (VT) caused by the COVID-19 pandemic

*www.medrxiv.org* *(e-date: 03/03/2020)*
*Lien original*


## A simple model to assess Wuhan lock-down effect and region efforts during COVID-19 epidemic in China Mainland

Since COVID-19 emerged in early December, 2019 in Wuhan and swept across China Mainland, a series of large-scale public health interventions, especially Wuhan lock-down combined with nationwide traffic restrictions

*www.medrxiv.org* *(e-date: 03/03/2020)*
*Lien original*


## Antibody responses to SARS-CoV-2 in patients of novel coronavirus disease 2019

Summary Background The novel coronavirus SARS-CoV-2 is a newly emerging virus. The antibody response in infected patient remains largely unknown, and the clinical values of antibody testing have not been fully demonstrated. Methods A total

*www.medrxiv.org* *(e-date: 03/03/2020)*
*Lien original*

## The level of plasma C-reactive protein is closely related to the liver injury in patients with COVID-19

Aim: Coronavirus disease 2019 (COVID-19) has rapidly become the most severe public health issue all over the world. Despite acute respiratory failure, liver dysfunction has also been observed in clinical settings This
*www.medrxiv.org* *(e-date: 03/03/2020)*
*Lien original*

## An epidemiological forecast model and software assessing interventions on COVID-19 epidemic in China

We develop a health informatics toolbox that enables public health workers to timely analyze and evaluate the time-course dynamics of the novel coronavirus (COVID-19) infection using the public available data from the China CDC. This toolbox is built upon a hierarchical epidemiological model in which two observed time series of daily proportions of infected
*www.medrxiv.org* *(e-date: 03/03/2020)*
*Lien original*

## Highly ACE2 Expression in Pancreas May Cause Pancreas Damage After SARS-CoV-2 Infection

The ongoing outbreak of coronavirus disease 2019 (COVID-19) caused by severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) started in the end of 2019 in China has triggered a global public health crisis. Previous studies have shown that
*www.medrxiv.org* *(e-date: 03/03/2020)*
*Lien original*

## Epidemiological and clinical features of COVID-19 patients with and without pneumonia in Beijing, China

Background:SARS-CoV-2-caused coronavirus disease (COVID-19) is posinga large casualty. The features of COVID-19patients withand without pneumonia,SARS-CoV-2 transmissibility in asymptomatic carriers, and factors predicting disease progression
*www.medrxiv.org* *(e-date: 03/03/2020)*
*Lien original*

## Rapid Detection of SARS-CoV-2 Using Reverse transcription RT-LAMP method

Corona Virus Disease 2019 (COVID-19) is a recently emerged life-threatening disease caused by SARS-CoV-2. Real- time fluorescent PCR (RT-PCR) is the clinical standard for SARS-CoV-2 nucleic acid detection. To detect SARS-CoV-2 early and
*www.medrxiv.org* *(e-date: 03/03/2020)*
*Lien original*

## Closed environments facilitate secondary transmission of coronavirus disease 2019 (COVID-19)

### Clinical significance of IgM and IgG test for diagnosis of highly suspected COVID-19 infection

Quick, simple and accurate diagnosis of suspected COVID-19 is very important for the screening and therapy of patients. Although several methods were performed in clinical practice, however, the IgM and IgG diagnostic value evaluation was little performed. 57

*www.medrxiv.org* *(e-date: 03/03/2020)*
*Lien original*

# ARTICLES PUBLIES OU IN PRESS (41)

### Potential Rapid Diagnostics, Vaccine and Therapeutics for 2019 Novel Coronavirus (2019-nCoV): A Systematic Review

Rapid diagnostics, vaccines and therapeutics are important interventions for the management of the 2019 novel coronavirus (2019-nCoV) outbreak. It is timely to systematically review the potential of these interventions, including those for Middle East respiratory syndrome-Coronavirus (MERS-CoV) and severe acute respiratory syndrome

*pubmed.ncbi.nlm.nih.html (e-date: 01/03/2020)*
*Lien original*

### Characteristics of COVID-19 Infection in Beijing

Background: Since the first case of a novel coronavirus (COVID-19) infection pneumonia was detected in Wuhan, China, a series of confirmed cases of the COVID-19 were found in Beijing. We analyzed the data of 262 confirmed cases to determine the clinical and

*pubmed.ncbi.nlm.nih.html (e-date: 01/03/2020)*
*Lien original*

### Management Strategies of Neonatal Jaundice During the Coronavirus Disease 2019 Outbreak

The outbreak of coronavirus disease 2019 (COVID-19; formally known as 2019-nCoV) has become a most challenging health emergency. Owing to rigorous quarantine and control measures taken in China, routine neonatal health surveillance

*pubmed.ncbi.nlm.nih.html (e-date: 01/03/2020)*
*Lien original*

### A Mathematical Model for Simulating the Phase-Based Transmissibility of a Novel Coronavirus

Background: As reported by the World Health Organization, a novel coronavirus (2019-nCoV) was identified as the causative virus of Wuhan pneumonia of unknown etiology by Chinese authorities on 7 January, 2020. The virus was named as severe acute respiratory syndrome coronavirus 2 (SARS

*pubmed.ncbi.nlm.nih.html (e-date: 01/03/2020)*
*Lien original*


### 2019 Novel Coronavirus Disease (COVID-19) in Taiwan: Reports of Two Cases From Wuhan, China

We reported two cases with community-acquired pneumonia caused by severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) who returned from Wuhan, China in January, 2020. The reported cases highlight non-specific clinical presentations of 2019 novel coronavirus disease (COVID-19) as well as the importance of rapid

*pubmed.ncbi.nlm.nih.html (e-date: 01/03/2020)*
*Lien original*


### World Health Organization Declares Global Emergency: A Review of the 2019 Novel Coronavirus (COVID-19)

An unprecedented outbreak of pneumonia of unknown aetiology in Wuhan City, Hubei province in China emerged in December of 2019. A novel coronavirus was identified as the causative agent and was subsequently termed COVID-19 by the World Health Organization (WHO). Considered a

*pubmed.ncbi.nlm.nih.html (e-date: 01/03/2020)*
*Lien original*


### Wuhan Novel Coronavirus (COVID-19): Why Global Control Is Challenging?

*pubmed.ncbi.nlm.nih.html (e-date: 01/03/2020)*
*Lien original*


### 2019-novel Coronavirus Severe Adult Respiratory Distress Syndrome in Two Cases in Italy: An Uncommon Radiological Presentation

*pubmed.ncbi.nlm.nih.html (e-date: 01/03/2020)*
*Lien original*


### A Case Series of Children With 2019 Novel Coronavirus Infection: Clinical and Epidemiological Features

We first described the 2019 novel coronavirus infection in 10 children occurring in areas other than Wuhan. The coronavirus diseases in children are usually mild and epidemiological exposure is a key clue to recognize pediatric case. Prolonged virus

*pubmed.ncbi.nlm.nih.html (e-date: 01/03/2020)*
*Lien original*

## Clinical Characteristics and Imaging Manifestations of the 2019 Novel Coronavirus Disease (COVID-19):A Multi-Center Study in Wenzhou City, Zhejiang, China

Background: Little is known about COVID-19 outside Hubei. The aim of this paper was to describe the clinical characteristics and imaging manifestations of hospitalized patients with confirmed COVID-19 infection in Wenzhou, Zhejiang, China.

*pubmed.ncbi.nlm.nih.html (e-date: 01/03/2020)*
*Lien original*

## A Well Infant With Coronavirus Disease 2019 (COVID-19) With High Viral Load

A well 6-month-old infant with coronavirus disease 2019 (COVID-19) had persistently positive nasopharyngeal swabs to day 16 of admission. This case highlights the difficulties in establishing the true incidence of COVID-19 as asymptomatic individuals

*pubmed.ncbi.nlm.nih.html (e-date: 01/03/2020)*
*Lien original*

## 101604 The COVID-19 Outbreak and Implications for the Tokyo 2020 Summer Olympic Games

*pubmed.ncbi.nlm.nih.html (e-date: 01/03/2020)*
*Lien original*

## COVID-19: Zoonotic Aspects

*pubmed.ncbi.nlm.nih.html (e-date: 01/03/2020)*
*Lien original*

## COVID-19 in 2 Persons with Mild Upper Respiratory Symptoms on a Cruise Ship, Japan

AbstractWe describe 2 cases of COVID-19 in patients with mild upper respiratory symptoms. Both patients worked on a cruise ship quarantined off the coast of Japan. One patient had persistent, low-grade upper respiratory tract symptoms without fever. The other patient had rapid symptom cessation but persistent viral RNA detection.

*wwwnc.cdc.gov (e-date: 02/03/2020)*
*Lien original*

## On the Coronavirus (COVID-19) Outbreak and the Smart City Network: Universal Data Sharing Standards Coupled with Artificial Intelligence (AI) to Benefit Urban Health Monitoring and Management

*(e-date: 03/03/2020)*
*Allam Z, Jones DS.*
*Lien original*

### Outbreak of Novel Coronavirus (SARS-Cov-2): First Evidences From International Scientific Literature and Pending Questions

*(e-date: 03/03/2020)*
*Amodio E, Vitale F, Cimino L, Casuccio A, Tramuto F*
*Lien original*


### Distribution of the COVID-19 epidemic and correlation with population emigration from wuhan, China

*(e-date: 03/03/2020)*
*Chen Z-L, Zhang Q, Lu Y, Guo Z-M, Zhang X, Zhang W-J, et al.*
*Lien original*


### From SARS-CoV to 2019-nCoV Outbreak: Similarities in the Early Epidemics and Prediction of Future Trends

*(e-date: 03/03/2020)*
*Chen Z-L, Zhang W-J, Lu Y, Guo C, Guo Z-M, Liao C-H, et al.*
*Lien original*


### Single-cell RNA sequencing data suggest a role for angiotensin-converting enzyme 2 in kidney impairment in patients infected with 2019-nCoV

*(e-date: 03/03/2020)*
*Deng Y-Y, Zheng Y, Cai G-Y, Chen X-M, Hong Q.*
*Lien original*


### Anti-HCV, nucleotide inhibitors, repurposing against COVID-19

*(e-date: 03/03/2020)*
*Elfiky AA.*
*Lien original*


### COVID-19: Perspectives on the Potential Novel Global Threat

*(e-date: 03/03/2020)*
*Gentile I, Abenavoli L.*
*Lien original*


### Feasibility of controlling COVID-19 outbreaks by isolation of cases and contacts

*(e-date: 03/03/2020)*
*Hellewell J, Abbott S, Gimma A, Bosse NI, Jarvis CI, Russell TW, et al.*
*Lien original*


### Coronavirus disinfection in histopathology

*Henwood AF.*
*Lien original*

## A family cluster of SARS-CoV-2 infection involving 11 patients in Nanjing, China
*Huang R, Xia J, Chen Y, Shan C, Wu C.*
*Lien original*

## Is the Africa prepared for tackling the COVID-19 (SARS-CoV-2) epidemic? - lessons from past outbreaks, ongoing pan-African public health efforts, and implications for the future
*Kapata N, Ihekweazu C, Ntoumi F, Tajudeen R, Chanda-Kapata P, Mwaba P, et al.*
*Lien original*

## Therapeutic strategies in an outbreak scenario to treat the novel coronavirus originating in Wuhan, China
*Kruse RL.*
*Lien original*

## The Clinical and Chest CT Features Associated with Severe and Critical COVID-19 Pneumonia
*Li K, Wu J, Wu F, Guo D, Chen L, Fang Z, et al.*
*Lien original*

## Novel coronavirus disease (Covid-19): the first two patients in the UK with person to person transmission
*Lillie PJ, Samson A, Li A, Adams K, Capstick R, Barlow GD, et al.*
*Lien original*

## Persistence and clearance of viral RNA in 2019 novel coronavirus disease rehabilitation patients
*Ling Y, Xu S-B, Lin Y-X, Tian D, Zhu Z-Q, Dai F-H, et al.*
*Lien original*

## Laboratory abnormalities in patients with COVID-2019 infection

*Lippi G, Plebani M.*
*Lien original*


### Analysis of factors associated with disease outcomes in hospitalized patients with 2019 novel coronavirus disease
*(e-date: 03/03/2020)*
*Liu W, Tao Z-W, Lei W, Ming-Li Y, Kui L, Ling Z, et al.*
*Lien original*

### The Wuhan SARS-CoV-2 - What's Next for China
*(e-date: 03/03/2020)*
*Lu H, Stratton CW, Tang Y-W.*
*Lien original*


### Coronavirus disease (COVID-19) and neonate: What neonatologist need to know
*(e-date: 03/03/2020)*
*Lu Q, Shi Y.*
*Lien original*


### Backcalculating the Incidence of Infection with COVID-19 on the Diamond Princess
*(e-date: 03/03/2020)*
*Nishiura H.*
*Lien original*


### Outbreak of a new coronavirus: what anaesthetists should know
*(e-date: 03/03/2020)*
*Peng PWH, Ho P-L, Hota SS.*
*Lien original*


### The response of Milan's Emergency Medical System to the COVID-19 outbreak in Italy
*(e-date: 03/03/2020)*
*Spina S, Marrazzo F, Migliari M, Stucchi R, Sforza A, Fumagalli R.*
*Lien original*


### A case of 2019 Novel Coronavirus in a pregnant woman with preterm delivery
*(e-date: 03/03/2020)*
*Wang X, Zhou Z, Zhang J, Zhu F, Tang Y, Shen X.*
*Lien original*

### Comparison of different samples for 2019 novel coronavirus detection by nucleic acid amplification tests
*(e-date: 03/03/2020)*
*Xie C, Jiang L, Huang G, Pu H, Gong B, Lin H, et al.*
*Lien original*

### COVID-19 and the anti-lessons of history
As the outbreak of coronavirus disease 2019 (COVID-19) in China's Hubei province continues and new cases of the disease increase globally,
*www.thelancet.com (e-date: 03/03/2020)*
*Lien original*

### Mass masking in the COVID-19 epidemic: people need guidance
As the spread of coronavirus disease 2019 (COVID-19) outside China is accelerating, we urge policy makers to reconsider the role of masking.
*www.thelancet.com (e-date: 03/03/2020)*
*Lien original*

### Challenges of coronavirus disease 2019
Yet again, the world is experiencing a global viral epidemic of zoonotic origin. As of Feb 12, 45 204 confirmed cases of coronavirus disease 2019 (COVID-19) and 1116 deaths had been reported in 25 countries. The majority of cases and, at the time of writing, all but one death have been in China, despite efforts in the country to halt
*www.thelancet.com (e-date: 03/03/2020)*
*Lien original*

# ARTICLES EN CHINOIS (résumé en anglais) (9)

### [Recommendations for the Regulation of Medical Practices of Burn Treatment During the Outbreak of the Coronavirus Disease 2019]
2019 novel coronavirus (2019-nCoV) is one of the beta coronaviruses and was identified as the pathogen of the severe "coronavirus disease 2019 (COVID-19)" in 2019. China has formally included the 2019-nCoV in the statutory notification
*pubmed.ncbi.nlm.nih.html (e-date: 01/03/2020)*
*Lien original*

### [The Keypoints in Treatment of the Critical Coronavirus Disease 2019 Patient]
The treatment of critically ill patients with coronavirus disease 2019(COVID-19) faces compelling challenges. In this issue, we'd like to share our first-line

treatment experience in treating COVID-19. Hemodynamics need be closely monitored and different types
*pubmed.ncbi.nlm.nih.html (e-date: 01/03/2020)*
*Lien original*


## [Medical Diagnosis and Treatment Strategies for Malignant Tumors of the Digestive System During the Outbreak of Novel Coronavirus Pneumonia]
Since the outbreak of novel coronavirus pneumonia in December 2019, the diagnosis and treatment of patients with cancer have been facing great challenges. Although oncologists are not fighting on the front line to against the epidemic, during
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