

2020-03-02 Novel Coronavirus\_Daily Article List

## DOCUMENTS GOUVERNEMENTAUX (15)

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### FAQ for Diagnostic Tools and Virus

[www.cdc.gov](http://www.cdc.gov) (e-date: 01/03/2020)

[Lien original](#) -

### Emergency Use Authorizations | FDA

[www.fda.gov](http://www.fda.gov) (e-date: 01/03/2020)

[Lien original](#) -

### Coronavirus disease 2019 (COVID-19) Situation Report –40

[www.who.int](http://www.who.int) (e-date: 01/03/2020)

[Lien original](#) -

### CDC, Washington State Report First COVID-19 Death

[www.cdc.gov](http://www.cdc.gov) (e-date: 01/03/2020)

[Lien original](#) -

### Healthcare Professionals: Frequently Asked Questions and Answers [mis à jour le 21 février]

[www.cdc.gov](http://www.cdc.gov) (e-date: 29/02/2020)

[Lien original](#) -

### Research Use Only Real-Time RT-PCR Protocol for Identification of 2019-nCoV

[www.fda.gov](http://www.fda.gov) (e-date: 29/02/2020)

[Lien original](#) -

### Coronavirus (COVID-19) Update: FDA Issues New Policy to Help Expedite Availability of Diagnostics

[www.fda.gov](http://www.fda.gov) (e-date: 29/02/2020)

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### Coronavirus (COVID-19): latest information and advice

[www.gov.uk](http://www.gov.uk) (e-date: 29/02/2020)

[Lien original](#) -

### CDC Announces Additional COVID-19 Presumptive Positive Cases

[www.cdc.gov](https://www.cdc.gov) (e-date: 29/02/2020)

[Lien original](#) -

### Coronavirus disease 2019 (COVID-19)

[www.who.int](https://www.who.int) (e-date: 29/02/2020)

[Lien original](#) -

### COVID-19 : Avis du Cinq : gestion du risque pour la protection respiratoire en milieux de soins aigus

INSPQ (e-date: 29/02/2020)

[Lien original](#) -

### Transcript for the CDC Telebriefing Update on COVID-19

[www.cdc.gov](https://www.cdc.gov) (e-date: 29/02/2020)

[Lien original](#) -

### COVID-19 : Recommandations intérimaires sur les mesures de prévention et contrôle des infections pour les milieux de soins aigus

[www.inspq.qc.ca](https://www.inspq.qc.ca) (e-date: 29/02/2020)

[Lien original](#) -

### CDC Tests for COVID-19

[www.cdc.gov](https://www.cdc.gov) (e-date: 28/02/2020)

[Lien original](#) -

### WHO | Updated WHO recommendations for international traffic in relation to COVID-19 outbreak

[www.who.int](https://www.who.int) (e-date: 28/02/2020)

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## NEWS - BLOG (3)

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### Behavioural science must be at the heart of the public health response to covid-19

[blogs.bmj.com](https://blogs.bmj.com) (e-date: 29/02/2020)

Michie S.

[Lien original](#) -

### Some COVID-19 patients test positive days after recovery

[www.cidrap.umn.edu](http://www.cidrap.umn.edu) (e-date: 29/02/2020)

van Beusekom M.

[Lien original](#) -

### WHO raises global COVID-19 risk to highest level

[www.cidrap.umn.edu](http://www.cidrap.umn.edu) (e-date: 29/02/2020)

Schnirring L.

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## PREPRINTS (25)

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### Estimate the incubation period of coronavirus 2019 (COVID-19)

Estimate the incubation period of coronavirus 2019 (COVID-19)

Motivation: Wuhan pneumonia is an acute infectious disease caused by the 2019 novel coronavirus (COVID-19). It is being treated as a Class A infectious disease though it was classified as Class B according to the Infectious

[www.medrxiv.org](http://www.medrxiv.org) (e-date: 01/03/2020)

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### Clinical characteristics of 36 non-survivors with COVID-19 in Wuhan, China

Clinical characteristics of 36 non-survivors with COVID-19 in Wuhan, China

Background Although the outbreak of Coronavirus disease 2019 (COVID-19) has caused over 2200 deaths in China, there was no study about death yet.

We aimed to describe the clinical characteristics of non-survivors with COVID-19. Methods For this retrospective

[www.medrxiv.org](http://www.medrxiv.org) (e-date: 29/02/2020)

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### The Effects of 'Fangcang, Huoshenshan, and Leishenshan' Makeshift Hospitals and Temperature on the Mortality of COVID-19

The Effects of "Fangcang, Huoshenshan, and Leishenshan" Makeshift Hospitals and Temperature on the Mortality of COVID-19

Background: In December 2019, a novel coronavirus disease (COVID-19) broke out in Wuhan, China, however, the factors affecting the mortality remain unclear. Methods: A cross-sectional study based on 32 days (from January 21, 2020 to February 21, 2020)

[www.medrxiv.org](http://www.medrxiv.org) (e-date: 29/02/2020)

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### Rapid Molecular Detection of SARS-CoV-2 (COVID-19) Virus RNA Using Colorimetric LAMP

Rapid Molecular Detection of SARS-CoV-2 (COVID-19) Virus RNA Using Colorimetric LAMP

the scope of control and surveillance efforts, but also requires robust and simple methods that can be used without expensive instrumentation. Here we report a method to identify SARS-CoV-2 (COVID-19) virus RNA from purified RNA or cell lysis using loop-mediated isothermal amplification (LAMP) using a visual, colorimetric detection. This test was additionally verified using RNA samples purified from

[www.medrxiv.org](https://www.medrxiv.org) (e-date: 29/02/2020)

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### Stochastic discrete epidemic modeling of COVID-19 transmission in the Province of Shaanxi incorporating public health intervention and case importation

Stochastic discrete epidemic modeling of COVID-19 transmission in the Province of Shaanxi incorporating public health intervention and case importation

Before the lock-down of Wuhan/Hubei/China, on January 23rd 2020, a large number of individuals infected by COVID-19 moved from the epicenter Wuhan and the Hubei province due to the Spring Festival, resulting in an epidemic in the

[www.medrxiv.org](https://www.medrxiv.org) (e-date: 29/02/2020)

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### Hypokalemia and Clinical Implications in Patients with Coronavirus Disease 2019 (COVID-19)

Hypokalemia and Clinical Implications in Patients with Coronavirus Disease 2019 (COVID-19)

BACKGROUND: SARS-CoV-2 has caused a series of COVID-19 globally. SARS-CoV-2 binds angiotensin I converting enzyme 2 (ACE2) of renin-angiotensin system (RAS) and causes prevalent hypokalemia METHODS: The patients with COVID-19 were classified into severe hypokalemia

[www.medrxiv.org](https://www.medrxiv.org) (e-date: 29/02/2020)

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### Therapeutic effects of dipyridamole on COVID-19 patients with coagulation dysfunction

Therapeutic effects of dipyridamole on COVID-19 patients with coagulation dysfunction

The human coronavirus HCoV-19 infection can cause acute respiratory distress syndrome (ARDS), hypercoagulability, hypertension, extrapulmonary multiorgan dysfunction. Effective antiviral and anti-coagulation agents with safe

[www.medrxiv.org](https://www.medrxiv.org) (e-date: 29/02/2020)

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### An Effective CTL Peptide Vaccine for Ebola Zaire Based on Survivors' CD8+ Targeting of a Particular Nucleocapsid Protein Epitope with Potential Implications for COVID-19 Vaccine Design

An Effective CTL Peptide Vaccine for Ebola Zaire Based on Survivors' CD8+ Targeting of a Particular Nucleocapsid Protein Epitope with Potential Implications for COVID-19 Vaccine Design

is enough to confer immunity in mice. Our work suggests that a peptide vaccine based on CD8+ T-cell immunity in EBOV survivors is conceptually sound and feasible. Nucleocapsid proteins within COVID-19 contain multiple class I epitopes with predicted HLA restrictions consistent with broad population coverage. A similar approach to a CTL vaccine design may be possible for that virus.

[www.biorxiv.org](http://www.biorxiv.org) (e-date: 29/02/2020)

[Lien original](#) -

### The Pathogenicity of SARS-CoV-2 in hACE2 Transgenic Mice

Severe acute respiratory syndrome CoV-2 (SARS-CoV-2) caused the Corona Virus Disease 2019 (COVID-19) cases in China has become a public health emergency of international concern (PHEIC). Based on angiotensin converting enzyme 2 (ACE2) as cell entry receptor of SARS-CoV, we used the hACE2 transgenic

[www.biorxiv.org](http://www.biorxiv.org) (e-date: 29/02/2020)

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### Modeling the Epidemic Dynamics and Control of COVID-19 Outbreak in China

Modeling the Epidemic Dynamics and Control of COVID-19 Outbreak in China  
The coronavirus disease 2019 (COVID-19) is rapidly spreading over China and more than 30 countries in last two months. COVID-19 has multiple characteristics distinct from other infectious diseases, including a high infectivity

[www.medrxiv.org](http://www.medrxiv.org) (e-date: 29/02/2020)

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### Heart injury signs are associated with higher and earlier mortality in coronavirus disease 2019 (COVID-19)

Heart injury signs are associated with higher and earlier mortality in coronavirus disease 2019 (COVID-19)

Importance: Heart injury can be easily induced by viral infection such as adenovirus and enterovirus. However, whether coronavirus disease 2019 (COVID-19) causes heart injury and hereby impacts mortality has not yet been fully evaluated. Objective: To explore whether heart injury occurs in COVID-19 on admission and hereby aggravates

[www.medrxiv.org](http://www.medrxiv.org) (e-date: 29/02/2020)

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### A simple ecological model captures the transmission pattern of the coronavirus COVID-19 outbreak in China

A simple ecological model captures the transmission pattern of the coronavirus COVID-19 outbreak in China

The rapid spread of the 2019 novel coronavirus (COVID-19), initially reported in the city of Wuhan in China, and quickly transmitted to the entire nation and beyond, has become an international public health emergency. Estimating the final number

[www.medrxiv.org](https://www.medrxiv.org) (e-date: 29/02/2020)

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### Evaluation of the clinical characteristics of suspected or confirmed cases of COVID-19 during home care with isolation: A new retrospective analysis based on O2O

Evaluation of the clinical characteristics of suspected or confirmed cases of COVID-19 during home care with isolation: A new retrospective analysis based on O2O

Summary Background The recent outbreak of the novel coronavirus in December 2019 (COVID-19) has activated top-level response nationwide. We developed a new treatment model based on the online-to-offline (O2O) model for the home isolated patients, because in the early

[www.medrxiv.org](https://www.medrxiv.org) (e-date: 29/02/2020)

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### Highland of COVID-19 outside Hubei: epidemic characteristics, control and projections of Wenzhou, China

Highland of COVID-19 outside Hubei: epidemic characteristics, control and projections of Wenzhou, China

In late December 2019, Chinese authorities reported a cluster of pneumonia cases of unknown aetiology in Wuhan, China. Wenzhou, as a southeast coastal city with the most cases outside Hubei Province, its policy control and epidemic projections have certain references for national and worldwide epidemic prevention

[www.medrxiv.org](https://www.medrxiv.org) (e-date: 29/02/2020)

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### Modelling the coronavirus disease (COVID-19) outbreak on the Diamond Princess ship using the public surveillance data from January 20 to February 20, 2020

Modelling the coronavirus disease (COVID-19) outbreak on the Diamond Princess ship using the public surveillance data from January 20 to February 20, 2020

The novel coronavirus disease 2019 (COVID-19) outbreak on the Diamond Princess ship has caused over 634 cases as of February 20, 2020. We model the transmission process on the ship with a stochastic model and estimate the basic

[www.medrxiv.org](https://www.medrxiv.org) (e-date: 29/02/2020)

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### Infection Dynamics of Coronavirus Disease 2019 (Covid-19) Modeled with the Integration of the Eyring Rate Process Theory and Free Volume Concept

Infection Dynamics of Coronavirus Disease 2019 (Covid-19) Modeled with the Integration of the Eyring Rate Process Theory and Free Volume Concept virus particle size, and virus particle packing structure, the energy barrier associated with susceptible individuals, and environment temperature. The developed models are applied to treat coronavirus disease 2019 (Covid-19) transmission and make predictions on peak time, peak infected, and  $R_0$ . Our work provides a simple and straightforward approach to estimate how infection diseases evolve and how

[www.medrxiv.org](http://www.medrxiv.org) (e-date: 29/02/2020)

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### Sex differences in clinical findings among patients with coronavirus disease 2019 (COVID-19) and severe condition

Sex differences in clinical findings among patients with coronavirus disease 2019 (COVID-19) and severe condition

Objective: To compare the sex differences in the clinical findings among patients with severe coronavirus disease 2019 (COVID-19). Methods: We retrospectively collected data of 47 patients diagnosed as severe type of COVID-19 from February 8 to 22, 2020, including demographics, illness history, physical examination

[www.medrxiv.org](http://www.medrxiv.org) (e-date: 29/02/2020)

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### Transmission potential of COVID-19 in South Korea

Transmission potential of COVID-19 in South Korea

Since the first identified individual of 2019 novel coronavirus (COVID-19) infection on Jan 20, 2020 in South Korea, the number of confirmed cases rapidly increased. As of Feb 26, 2020, 1,261 cases of COVID-19 including 12 deaths were confirmed in South Korea. Using

[www.medrxiv.org](http://www.medrxiv.org) (e-date: 29/02/2020)

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### Prediction of the Epidemic of COVID-19 Based on Quarantined Surveillance in China

Prediction of the Epidemic of COVID-19 Based on Quarantined Surveillance in China

Background and Objective: To predict the epidemic of COVID-19 based on quarantined surveillance from real world in China by modified SEIR model different from the previous simply mathematical model. Design and Methods: We forecasted the epidemic of COVID-19 based

[www.medrxiv.org](http://www.medrxiv.org) (e-date: 29/02/2020)

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### Epidemic doubling time of the COVID-19 epidemic by Chinese province

Epidemic doubling time of the COVID-19 epidemic by Chinese province  
 COVID-19 epidemic doubling time by Chinese province was increasing from January 20 through February 9, 2020. Yet, the harmonic mean doubling time was relatively short, ranging from 1.4 (Hunan, 95% CI, 1.2-2.0) to 3.0 (Xinjiang, 95% CI, 2.0-4.9) days, with an estimate of 2.5 days (95% CI, 2.4-2.7) for Hubei.

[www.medrxiv.org](http://www.medrxiv.org) (e-date: 29/02/2020)

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### Reconciling early-outbreak estimates of the basic reproductive number and its uncertainty: framework and applications to the novel coronavirus (SARS-CoV-2) outbreak

Reconciling early-outbreak estimates of the basic reproductive number and its uncertainty: framework and applications to the novel coronavirus (SARS-CoV-2) outbreak

A novel coronavirus (SARS-CoV-2) has recently emerged as a global threat. As the epidemic progresses, many disease modelers have focused on estimating the basic reproductive number  $R_0$  -- the average number of secondary

[www.medrxiv.org](http://www.medrxiv.org) (e-date: 29/02/2020)

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### Interventions targeting air travellers early in the pandemic may delay local outbreaks of SARS-CoV-2

View ORCID Profile Samuel J Clifford , View ORCID Profile Carl A B Pearson , Petra Klepac , View ORCID Profile Kevin Van Zandvoort , View ORCID Profile Billy J Quilty , CMMID COVID-19 working group , View ORCID Profile Rosalind M Eggo , View ORCID Profile Stefan Flasche  
 Samuel J Clifford , Carl A B Pearson , Petra Klepac , Kevin Van Zandvoort , Billy J Quilty , CMMID COVID-19 working group , Rosalind M Eggo , Stefan Flasche

[www.medrxiv.org](http://www.medrxiv.org) (e-date: 29/02/2020)

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### Prediction of receptorome for human-infecting virome

studies further predicted receptors for 693 human-infecting viruses, such as the Enterovirus, Norovirus and West Nile virus. Finally, we predicted the candidate alternative receptors for the 2019-nCoV. The study would greatly facilitate identification of receptors for human-infecting virome.

[www.biorxiv.org](http://www.biorxiv.org) (e-date: 28/02/2020)

[Lien original](#) -

### CoVID-19 in Japan: What could happen in the future?

CoVID-19 in Japan: What could happen in the future?  
 COVID-19 has been impacting on the whole world critically and constantly Since December 2019. We have independently developed a novel statistical time delay dynamic model on the basis of the distribution models

[www.medrxiv.org](http://www.medrxiv.org) (e-date: 28/02/2020)

[Lien original](#) -



### Analysis on the Clinical Characteristics of 36 Cases of Novel Coronavirus Pneumonia in Kunming

Objective: To analyze the clinical characteristics of patients with novel coronavirus pneumonia in Kunming City, and to study the correlation between nutritional status and immune function.

[www.medrxiv.org](http://www.medrxiv.org) (e-date: 02/03/2020)

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## ARTICLES PUBLIES OU IN PRESS (41)

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### Clinical Findings in a Group of Patients Infected With the 2019 Novel Coronavirus (SARS-Cov-2) Outside of Wuhan, China: Retrospective Case Series - PubMed

Clinical Findings in a Group of Patients Infected With the 2019 Novel Coronavirus (SARS-Cov-2) Outside of Wuhan, China: Retrospective Case Series

Objective: To study the clinical characteristics of patients in Zhejiang province, China, infected with the 2019 severe acute respiratory syndrome coronavirus 2 (SARS-Cov-2) responsible for coronavirus disease 2019 (covid-2019).

[pubmed.ncbi.nlm.nih.gov](http://pubmed.ncbi.nlm.nih.gov) (e-date: 29/02/2020)

[Lien original](#) -

### Coronavirus Disease 2019: Coronaviruses and Blood Safety

[Online ahead of print] Coronavirus Disease 2019: Coronaviruses and Blood Safety

With the outbreak of unknown pneumonia in Wuhan, China, in December 2019, a new coronavirus, Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2), aroused the attention of the entire world. The current outbreak of infections with SARS-CoV-2 is termed

[pubmed.ncbi.nlm.nih.html](http://pubmed.ncbi.nlm.nih.html) (e-date: 29/02/2020)

[Lien original](#) -

### Clinical Trial Analysis of 2019-nCoV Therapy Registered in China

[Online ahead of print] Clinical Trial Analysis of 2019-nCoV Therapy Registered in China

So far, there is a lack of effective drugs for the new coronavirus pneumonia. With more and more patients diagnosed, China has carried out more than one hundred clinical studies of new coronavirus infection, including antiviral drugs, antimalarial drugs, glucocorticoids

[pubmed.ncbi.nlm.nih.html](http://pubmed.ncbi.nlm.nih.html) (e-date: 29/02/2020)

[Lien original](#) -

### Imaging and Clinical Features of Patients With 2019 Novel Coronavirus SARS-CoV-2

[Online ahead of print] Imaging and Clinical Features of Patients With 2019 Novel Coronavirus SARS-CoV-2

Background: The pneumonia caused by the 2019 novel coronavirus (SARS-CoV-2, also called 2019-nCoV) recently break out in Wuhan, China, and was named as COVID-19. With the spread of the disease, similar cases have also been confirmed in other regions of China. We aimed

[pubmed.ncbi.nlm.nih.html](https://pubmed.ncbi.nlm.nih.html) (e-date: 29/02/2020)

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### Real-time Forecasts of the COVID-19 Epidemic in China From February 5th to February 24th, 2020

Real-time Forecasts of the COVID-19 Epidemic in China From February 5th to February 24th, 2020

The initial cluster of severe pneumonia cases that triggered the COVID-19 epidemic was identified in Wuhan, China in December 2019. While early cases of the disease were linked to a wet market, human-to-human transmission has driven the rapid spread of the virus throughout

[pubmed.ncbi.nlm.nih.html](https://pubmed.ncbi.nlm.nih.html) (e-date: 29/02/2020)

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### Preliminary Identification of Potential Vaccine Targets for the COVID-19 Coronavirus (SARS-CoV-2) Based on SARS-CoV Immunological Studies

Preliminary Identification of Potential Vaccine Targets for the COVID-19 Coronavirus (SARS-CoV-2) Based on SARS-CoV Immunological Studies

The beginning of 2020 has seen the emergence of COVID-19 outbreak caused by a novel coronavirus, Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2). There is an imminent need to better understand this new virus and to develop ways to control its spread. In

[pubmed.ncbi.nlm.nih.html](https://pubmed.ncbi.nlm.nih.html) (e-date: 29/02/2020)

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### Clinical Characteristics of Coronavirus Disease 2019 in China

[pubmed.ncbi.nlm.nih.html](https://pubmed.ncbi.nlm.nih.html) (e-date: 29/02/2020)

[Lien original](#) -

### COVID-19 Outbreak on the Diamond Princess Cruise Ship: Estimating the Epidemic Potential and Effectiveness of Public Health Countermeasures

[Online ahead of print] COVID-19 Outbreak on the Diamond Princess Cruise Ship: Estimating the Epidemic Potential and Effectiveness of Public Health Countermeasures

Background: Cruise ships carry a large number of people in confined spaces with relative homogeneous mixing. On 3 February, 2020, an outbreak of COVID-19 on cruise ship Diamond Princess was reported with 10 initial cases, following an index case on board around 21-25 January. By 4 February, public health measures such as removal and isolation of ill passengers

*pubmed.ncbi.nlm.nih.html (e-date: 29/02/2020)*

[Lien original](#) -

### **Radiology Perspective of Coronavirus Disease 2019 (COVID-19): Lessons From Severe Acute Respiratory Syndrome and Middle East Respiratory Syndrome**

[Online ahead of print] Radiology Perspective of Coronavirus Disease 2019 (COVID-19): Lessons From Severe Acute Respiratory Syndrome and Middle East Respiratory Syndrome

OBJECTIVE. Since the outbreak of the novel coronavirus pulmonary illness coronavirus disease 2019 (COVID-19) in China, more than 79,000 people have contracted the virus worldwide. The virus is rapidly spreading with human-to-human transmission despite imposed precautions

*pubmed.ncbi.nlm.nih.html (e-date: 29/02/2020)*

[Lien original](#) -

### **Development of Epitope-Based Peptide Vaccine Against Novel Coronavirus 2019 (SARS-COV-2): Immunoinformatics Approach**

[Online ahead of print] Development of Epitope-Based Peptide Vaccine Against Novel Coronavirus 2019 (SARS-COV-2): Immunoinformatics Approach

Recently, a novel Coronavirus (SARS-COV-2) emerged which is responsible for the recent outbreak in Wuhan, China. Genetically, it is closely related to the SARS-CoV and MERS-CoV. The situation is getting worse and worse, therefore

*pubmed.ncbi.nlm.nih.html (e-date: 29/02/2020)*

[Lien original](#) -

### **Q&A: The Novel Coronavirus Outbreak Causing COVID-19**

*pubmed.ncbi.nlm.nih.html (e-date: 29/02/2020)*

[Lien original](#) -

### **Saudi Arabia`s Measures to Curb the COVID-19 Outbreak: Temporary Suspension of the Umrah Pilgrimage**

*pubmed.ncbi.nlm.nih.html (e-date: 29/02/2020)*

[Lien original](#) -

### **Genome Detective Coronavirus Typing Tool for Rapid Identification and Characterization of Novel Coronavirus Genomes**

[Online ahead of print] Genome Detective Coronavirus Typing Tool for Rapid Identification and Characterization of Novel Coronavirus Genomes

release in 2019, we have produced a number of typing tools for emergent viruses that have caused large outbreaks, such as Zika and Yellow Fever Virus in Brazil. Here, we present The Genome Detective Coronavirus Typing Tool that can accurately identify the novel severe acute respiratory syndrome (SARS) related coronavirus (SARS-CoV-2) sequences isolated in China and around the world. The tool can accept up to 2,000

[pubmed.ncbi.nlm.nih.html](https://pubmed.ncbi.nlm.nih.html) (e-date: 29/02/2020)

[Lien original](#) -

### Covid-19 - Navigating the Uncharted

[pubmed.ncbi.nlm.nih.html](https://pubmed.ncbi.nlm.nih.html) (e-date: 29/02/2020)

[Lien original](#) -

### Potential Association Between COVID-19 Mortality and Health-Care Resource Availability

[pubmed.ncbi.nlm.nih.html](https://pubmed.ncbi.nlm.nih.html) (e-date: 29/02/2020)

[Lien original](#) -

### Disposable DNA Amplification Chips With Integrated Low-Cost Heaters

Fast point-of-use detection of, for example, early-stage zoonoses, e.g., Q-fever, bovine tuberculosis, or the Covid-19 coronavirus, is beneficial for both humans and animal husbandry as it can save lives and livestock. The latter prevents farmers from going bankrupt after a zoonoses outbreak. This paper describes the development

[pubmed.ncbi.nlm.nih.html](https://pubmed.ncbi.nlm.nih.html) (e-date: 29/02/2020)

[Lien original](#) -

### Responding to Covid-19 - A Once-in-a-Century Pandemic?

[pubmed.ncbi.nlm.nih.html](https://pubmed.ncbi.nlm.nih.html) (e-date: 29/02/2020)

[Lien original](#) -

### Strategies Shift as Coronavirus Pandemic Looms

[pubmed.ncbi.nlm.nih.html](https://pubmed.ncbi.nlm.nih.html) (e-date: 29/02/2020)

[Lien original](#) -

### Occupational Risks for COVID-19

[pubmed.ncbi.nlm.nih.html](https://pubmed.ncbi.nlm.nih.html) (e-date: 29/02/2020)

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### Emergence of a Novel Human Coronavirus Threatening Human Health

[pubmed.ncbi.nlm.nih.html](https://pubmed.ncbi.nlm.nih.html) (e-date: 29/02/2020)

[Lien original](#) -

### Preventing a covid-19 pandemic | The BMJ

[www.bmj.com](https://www.bmj.com) (e-date: 29/02/2020)

[Lien original](#) -

### Covid-19: preparedness, decentralisation, and the hunt for patient zero | The BMJ

[www.bmj.com](http://www.bmj.com) (e-date: 29/02/2020)

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### The response of Milan's Emergency Medical System to the COVID-19 outbreak in Italy

The response of Milan's Emergency Medical System to the COVID-19 outbreak in Italy

The number of people infected with severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus causing coronavirus disease 2019 (COVID-19), is dramatically increasing worldwide.

[www.thelancet.com](http://www.thelancet.com) (e-date: 29/02/2020)

[Lien original](#) -

### A family cluster of SARS-CoV-2 infection involving 11 patients in Nanjing, China

Human infection caused by severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) has become a global health concern.

A novel coronavirus from patients with pneumonia in China, 2019.

[www.thelancet.com](http://www.thelancet.com) (e-date: 29/02/2020)

[Lien original](#) -

### How African migrants in China cope with barriers to health care

In view of the coronavirus disease 2019 (COVID-19) epidemic, African migrants residing in Wuhan, Hubei province—the epicenter of the outbreak—might be more worried than ever.

According to AllAfrica, almost 5000 African students in Wuhan are lacking cash and food products during the current quarantine-lockdown period.

[www.thelancet.com](http://www.thelancet.com) (e-date: 29/02/2020)

[Lien original](#) -

### Coronavirus outbreak: the role of companies in preparedness and responses

Coronavirus outbreak: the role of companies in preparedness and responses  
As in previous health crises, the coronavirus disease 2019 (COVID-19) outbreak has raised questions about preparedness and emergency responses in many countries.

[www.thelancet.com](http://www.thelancet.com) (e-date: 29/02/2020)

[Lien original](#) -

### Indian pharma threatened by COVID-19 shutdowns in China

Indian pharma threatened by COVID-19 shutdowns in China

70% of the active pharmaceutical ingredients (APIs) for their medicines from China, the world's leading producer and exporter of APIs by volume. As factories in China are closed to try to stem the coronavirus disease 2019

outbreak, pharmaceutical companies and the Indian Government are becoming concerned over the vulnerability of the Indian pharmaceutical supply chain.

*www.thelancet.com (e-date: 29/02/2020)*

[Lien original](#) -

### COVID-19—New Insights on a Rapidly Changing Epidemic

Since first reported in Wuhan, China, in late December 2019, the outbreak of the novel coronavirus now known as SARS-CoV-2 (severe acute respiratory syndrome coronavirus 2) has spread globally. As of February 27, 2020, more than 82 000 cases

Named 2019-nCoV by the WHO and SARS-CoV-2 by the International Committee on Taxonomy of Viruses, this virus is a new human-infecting Betacoronavirus that, based on its genetic proximity to 2 bat-derived SARS-like coronaviruses

*jamanetwork.com (e-date: 29/02/2020)*

[Lien original](#) -

### Radiological Findings From 81 Patients With COVID-19 Pneumonia in Wuhan, China: A Descriptive Study

*pubmed.ncbi.nlm.nih.html (e-date: 28/02/2020)*

[Lien original](#) -

### Development and Clinical Application of A Rapid IgM-IgG Combined Antibody Test for SARS-CoV-2 Infection Diagnosis

*pubmed.ncbi.nlm.nih.html (e-date: 28/02/2020)*

[Lien original](#) -

### Assessing the Impact of Reduced Travel on Exportation Dynamics of Novel Coronavirus Infection (COVID-19)

Assessing the Impact of Reduced Travel on Exportation Dynamics of Novel Coronavirus Infection (COVID-19)

The impact of the drastic reduction in travel volume within mainland China in January and February 2020 was quantified with respect to reports of novel coronavirus (COVID-19) infections outside China. Data on confirmed cases diagnosed outside China were analyzed using statistical models to estimate the impact of travel reduction on three epidemiological outcome measures

*pubmed.ncbi.nlm.nih.html (e-date: 28/02/2020)*

[Lien original](#) -

### Negative Nasopharyngeal and Oropharyngeal Swab Does Not Rule Out COVID-19

[Online ahead of print] Negative Nasopharyngeal and Oropharyngeal Swab Does Not Rule Out COVID-19

Coronavirus Disease 19 (COVID-19), has become the Public Health Emergency of International Concern.....

*pubmed.ncbi.nlm.nih.html (e-date: 28/02/2020)*

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### The 2019 Novel Coronavirus: A Crown Jewel of Pandemics?

[pubmed.ncbi.nlm.nih.html](#) (e-date: 28/02/2020)

[Lien original](#) -

### Structure-based Stabilization of Non-Native Protein-Protein Interactions of Coronavirus Nucleocapsid Proteins in Antiviral Drug Design

[pubmed.ncbi.nlm.nih.html](#) (e-date: 28/02/2020)

[Lien original](#) -

### The Coronavirus Epidemic Will Reach Norway

[pubmed.ncbi.nlm.nih.html](#) (e-date: 28/02/2020)

[Lien original](#) -

### Old Threat, New Enemy: Is Your Interventional Radiology Service Ready for the Coronavirus Disease 2019?

[pubmed.ncbi.nlm.nih.html](#) (e-date: 28/02/2020)

[Lien original](#) -

### Diarrhoea May Be Underestimated: A Missing Link in 2019 Novel Coronavirus

[pubmed.ncbi.nlm.nih.html](#) (e-date: 28/02/2020)

[Lien original](#) -

### Covid-19: school closures and bans on mass gatherings will need to be considered, says England's CMO | The BMJ

[www.bmj.com](#) (e-date: 28/02/2020)

[Lien original](#) -

### Key Points of the Program for Disinfection Technology in Special Places During the Coronavirus Disease-2019 (COVID-19) Outbreak

[weekly.chinacdc.cn](#) (e-date: 29/02/2020)

Wang J., Zhang B., Duan H., Liang C., Sun H., Zhang J., et al.

[Lien original](#) -

### The Epidemiological Characteristics of an Outbreak of 2019 Novel Coronavirus Diseases (COVID-19) — China, 2020

[weekly.chinacdc.cn](#) (e-date: 29/02/2020)

The Novel Coronavirus Pneumonia Emergency Response Epidemiology Team

[Lien original](#) -

## ARTICLES EN CHINOIS (résumé en anglais) (8)

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### [Expert Recommendations for Tracheal Intubation in Critically Ill Patients With Novel Coronavirus Disease 2019]

[Online ahead of print] Expert Recommendations for Tracheal Intubation in Critically Ill Patients With Novel Coronavirus Disease 2019  
Coronavirus Disease 2019 (COVID-19), caused by a novel coronavirus (SARS-CoV-2), is a highly contagious disease. It firstly appeared in Wuhan, Hubei province of China in December 2019. During the next two months, it moved

[pubmed.ncbi.nlm.nih.html](https://pubmed.ncbi.nlm.nih.html) (e-date: 28/02/2020)

[Lien original](#) -

### [Surgical Treatment for Esophageal Cancer During the Outbreak of COVID-19]

[Online ahead of print] [Surgical Treatment for Esophageal Cancer During the Outbreak of COVID-19]

Since December 2019, unexplained pneumonia has appeared in Wuhan City, Hubei Province, and a new type of coronavirus infection was confirmed as COVID-19. COVID-19 spread rapidly nationwide and abroad. The COVID-19 has brought huge impacts to all the people and walks of life

[pubmed.ncbi.nlm.nih.html](https://pubmed.ncbi.nlm.nih.html) (e-date: 28/02/2020)

[Lien original](#) -

### [Discussion on Diagnosis and Treatment of Hepatobiliary Malignancies During the Outbreak of Novel Coronavirus Pneumonia]

[Online ahead of print] [Discussion on Diagnosis and Treatment of Hepatobiliary Malignancies During the Outbreak of Novel Coronavirus Pneumonia]

From December 2019, the new coronavirus pneumonia (COVID-19) broke out in Wuhan, Hubei, and spread rapidly to the nationwide. On January 20, 2020, the National Health Committee classified COVID-19 pneumonia as one of B class infectious diseases

[pubmed.ncbi.nlm.nih.html](https://pubmed.ncbi.nlm.nih.html) (e-date: 29/02/2020)

[Lien original](#) -

### [Treatment of Pancreatic Diseases and Prevention of Infection During Outbreak of 2019 Coronavirus Disease]

[Online ahead of print] [Treatment of Pancreatic Diseases and Prevention of Infection During Outbreak of 2019 Coronavirus Disease]



Objective: To explore the proper protective measures for pancreatic diseases treatment during the outbreak of 2019 coronavirus disease (COVID-19).

Method: Clinical data of four cases of patients that suffered COVID-19 from February 2(nd), 2020 to February 9(th), 2020 in pancreatic surgery were reviewed. After the first patients suffered nosocomial

[pubmed.ncbi.nlm.nih.html](https://pubmed.ncbi.nlm.nih.html) (e-date: 29/02/2020)

[Lien original](#) -

### [Analysis on Epidemic Situation and Spatiotemporal Changes of COVID-19 in Anhui]

[Online ahead of print] [Analysis on Epidemic Situation and Spatiotemporal Changes of COVID-19 in Anhui]

We used the epidemic data of COVID-19 published on the official website of the municipal health commission in Anhui province. We mapped the spatiotemporal changes of confirmed cases, fitted the epidemic situation by the population growth

[pubmed.ncbi.nlm.nih.html](https://pubmed.ncbi.nlm.nih.html) (e-date: 29/02/2020)

[Lien original](#) -

### [Treatment Strategies of Budd-Chiari Syndrome During the Epidemic Period of 2019 Coronavirus Disease]

[Online ahead of print] [Treatment Strategies of Budd-Chiari Syndrome During the Epidemic Period of 2019 Coronavirus Disease]

Prevention and control about the situation of 2019 coronavirus disease (COVID-19) are grim at present. In addition to supporting the frontline actively, medical workers in general surgery spare no efforts in making good diagnosis and treatment of specialized diseases

[pubmed.ncbi.nlm.nih.html](https://pubmed.ncbi.nlm.nih.html) (e-date: 29/02/2020)

[Lien original](#) -

### [The Importance of Strengthening the Ability of Fundamental Disease Prevention and Control System From the Perspective of the Epidemic Situation of COVID-19]

[Online ahead of print] [The Importance of Strengthening the Ability of Fundamental Disease Prevention and Control System From the Perspective of the Epidemic Situation of COVID-19]

COVID-19 has been in epidemic for nearly two months. The prevention and control measures have achieved remarkable results. From the response and disposal process of this epidemic, it is exposed that fundamental

[pubmed.ncbi.nlm.nih.html](https://pubmed.ncbi.nlm.nih.html) (e-date: 29/02/2020)

[Lien original](#) -

### [Recommendation on the Modernization of Disease Control and Prevention]

Special Expert Group for Control of the Epidemic of Novel Coronavirus Pneumonia of the Chinese Preventive Medicine Association

Special Expert Group for Control of the Epidemic of COVID-19 of the Chinese Preventive Medicine Association have had a deep discussion on how to

promote the modernization progress of current disease control and prevention system in China. By deeply investigating  
[pubmed.ncbi.nlm.nih.html](https://pubmed.ncbi.nlm.nih.html) (e-date: 28/02/2020)  
[Lien original](#) -

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## RETRAIT (1)

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### Retrait de l'article suivant signalé le 26/02/2020

Zeng Y, Zhen Y. Chinese medical staff request international medical assistance in fighting against COVID-19. The Lancet Global Health.  
(e-date: 02/03/2020)  
[Lien original](#) -

[Sommaire](#)