

# Task Force on Repurposing of Drugs (TFORD) for COVID-19



S&T Core Group on COVID19 constituted by PSA to Gol

# **TFORD-COVID19-India**

# Media Coverage by 24 May 2020

Compiled by Tejas Shah, Nerve Center Team, TFORD

**Publisher:** Times of India

**Date:** 14<sup>th</sup> May 2020.

City: Kolkata

**URL:** https://timesofindia.indiatimes.com /city/kolkata/state-recommends-rheumatoidarthritis-drug-to-fight-covid-19/articleshow/ 75726661.cms



## Bengal government recommends rheumatoid arthritis drug to fight Covid-19

Sumati Yengkhom | TNN | Updated: May 14, 2020, 11:09 IST



KOLKATA: Bengal







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government's health treatment protocol has recommended to



re-purpose Tocilizumab, a drug traditionally used in the treatment of patients suffering

the dosage.

from rheumatoid arthritis. to treat severe Covid cases. The protocol spells out the specific conditions, when this medicine can be administered as well as

Representative image

According to reports, clinical trials for the administration of this drug on Covid patients have begun in several cities in India. This took place after the Task Force for Repurposing of Drug (TFORD) for Covid-19, constituted by the Centre, marked it to be the most ready and potential in the fight against the disease, doctors said.

# WHAT A LEPROSY DRUG HAS TO DO WITH TREATING COVID-19

**Publisher:** Times of India

**Date:** 11<sup>th</sup> May 2020.

**URL:** <a href="https://timesofindia.indiatimes.com/">https://timesofindia.indiatimes.com/</a> <a href="mailto://india/what-a-leprosy-drug-has-to-do-with-treating-covid-19/articleshow/75668327.cms">https://timesofindia.indiatimes.com/india/what-a-leprosy-drug-has-to-do-with-treating-covid-19/articleshow/75668327.cms</a>

#### NOT ALL CANDIDATES HOLD EQUAL PRIOMISE

73% "drug potential score" of two drugs — favipiravir and tocilizumab — which is the highest for the 19 treatments analysed (results for several are awaited) by the Task Force for Repurposing of Drugs. They also have a 79% "drug readiness score" for how easily they can be manufactured and distributed. The same study scored hydroxychloroquine low on potential but high on readiness.



**Publisher:** Times of India

**Date:** 17<sup>th</sup> May 2020.

City: Pune.

#### **URL**:

https://timesofindia.indiatimes.com/city/ pune/remdesivir-vs-favipiravir-otherrepurpose-drugs-for-covid-19/articleshow/ 75783016.cms



away.

There are at least 50 different drugs, from HIV protease inhibitors to anti-virals to ACE inhibitors, anti-inflammatory, pneumonia, respiratory, malaria,

TB, arthritis, leprosy, alcohol

dependence, immune modulators, and anti-diarrhoea that are being tested.

But the Indian Council of Medical Research has approved a Lopinavir-Ritonavir fixed dose combination (FDC), that was originally prescribed for the treatment of HIV/AIDS, for Covid-19 patients. Clinical studies in drug repurposing and FDC, involve the testing of optimal dosage on limited number of patient cohorts. When time is of the essence, drug dosage and efficacy as well as side effects are clearly known for repurposed drugs. These drugs also offer the advantage of typically being off-patent (the older ones) and are already being manufactured by Indian generic pharmaceutical companies. The Task Force for Repurposing of Drugs ranked Favipiravir and Tocilizumab as the most promising to fight the disease.

**Publisher: CNBC** 

**Date:** 11<sup>th</sup> May 2020.

City: Pune.

#### **URL**:

https://www.cnbctv18.com/healthcare/ expect-to-complete-development-offavipiravir-in-few-weeks-says-lauruslabs-5836571.htm





aurus Labs is in the process of developing Favipiravir antiviral tablets, which have been touted to be effective against coronavirus, said Satyanarayana Chava, Founder and CEO of the company, adding that once they are developed, the firm will apply for manufacturing licence.



"We are in the development stage on Favipiravir right now. We expect to complete our development in few weeks' time and then we will apply for manufacturing licence with DCGI soon," said Chava.



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Antiviral drug Favipiravir and immune-modulator drug Tocilizumab are the most promising drugs in terms of their readiness for use and potential against COVID-19, the government task force for repurposing of drugs (TFORD) recently said in its first such assessment.



Favipiravir is an anti-viral drug and it is approved in Japan for treating influenza. It is currently being tested in 18 clinical trials for COVID-19 and results from two studies have shown a positive outcome while data from other trials is awaited.





Publisher: News18

**Date:** 1st May 2020.

URL: <a href="https://www.news18.com/news/">https://www.news18.com/news/</a>
<a href="india/remdesivir-race-hots-up-to-find-coronavirus-cure-a-look-at-potential-treatments-for-the-pandemic-2600457.html">https://www.news18.com/news/</a>
<a href="india/remdesivir-race-hots-up-to-find-coronavirus-cure-a-look-at-potential-treatments-for-the-pandemic-2600457.html">https://www.news18.com/news/</a>
<a href="india/remdesivir-race-hots-up-to-find-coronavirus-cure-a-look-at-potential-treatments-for-the-pandemic-2600457.html">https://www.news18.com/news/</a>
<a href="india/remdesivir-race-hots-up-to-find-coronavirus-cure-a-look-at-potential-treatments-for-the-pandemic-2600457.html">india/remdesivir-race-hots-up-to-find-coronavirus-cure-a-look-at-potential-treatments-for-the-pandemic-2600457.html</a>





What is the assessment of Indian government of these drugs?

The government's task force on repurposing of drugs did a first-of-its kind assessment last week on the drugs that have potential for Covid-19 treatment. News18 was the first to report this assessment which showed that Antiviral drug Favipiravir and immune-modulator drug Tocilizumab are the most promising drugs in terms of their readiness for use and potential for Covid-19 treatment.

The task force has said that this assessment, based on scientific literature available globally, will be dynamic in nature. As and when information and findings of clinical trials get updated, the assessment and scoring of drugs will reflect the change. Favipiravir is an anti-viral drug and it is approved in Japan for treating influenza. It is currently being tested in 18 clinical trials for Covid-19 and results from two studies have shown a positive outcome while data from other trials is awaited.

The task force is also evaluating the patent barriers in the event an effective drug has to be produced in India on an urgent basis.

**Publisher:** Times of India

**Date:** 30<sup>th</sup> April 2020.

City: Pune.

**URL**:

https://timesofindia.indiatimes.com/city/pune/favipiravir-tocilizumab-hold-most-potential-in-covid-19-figarticleshow/75438783.cms



This phenomenon occurs

or chemical creates acute

 Cytokine storms are life-threatening and occur

inflammation

when the body's reaction to a

foreign body such as a disease

in severely ill Covid-19 patients

(Sources: Media reports)

study in Wuhan.

patients taking

the drug reportedly recovered

from fever two days earlier

than those who did not take

Researchers said favipiravir

stopped replication of viral genes within infected cells

the medication

**Publisher:** BioVoice

**Date:** 28<sup>th</sup> April 2020.

**URL:** https://timesofindia. indiatimes.com/city/pune/ favipiravir-tocilizumab-holdmost-potential-in-covid-19-fight/ articleshow/75438783.cms





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### Mapping potential drugs for COVID-19: Task Force constituted by PSA releases its assessment

The Task Force for Repurposing of Drugs (TFORD) for COVID19, constituted by the Principal Scientific Adviser to the Government of India Dr K VijavRaghavan, has released its first assessment of several drug candidates and their readiness for use in India

New Delhi: The Task Force for Repurposing of Drugs (TFORD) for COVID19, constituted by the Principal Scientific Adviser to the Government of India Dr K VijayRaghavan, has released its first assessment of several drug candidates and their readiness for use in India. The TFORD developed an evidence-based scoring mechanism to assess drug candidates for their potential as COVID-19 therapy in India.

This Task Force was constituted to track the latest and continuously evolving information on drug candidates, carry out an inter-disciplinary and interinstitutional assessment of drug candidates, anticipate and strengthen a translation ecosystem for drug development and to support informed decision making.

Publisher: New18 India

Date: 27th April 2020.

URL: <a href="https://www.news18.com/">https://www.news18.com/</a>

news/india/coronavirus-

treatment-update-covid-19-

cure-medicines-favipiravir-

tocilizumab-

hydroxchloroquine-2595057.html



Publisher: New18 India

**Date:** 30<sup>th</sup> April 2020.

URL: <a href="https://www.cnbctv18.com/">https://www.cnbctv18.com/</a>
<a href="https://www.cnbctv18.com/">healthcare/coronavirus-cure-govt-task-force-ranks-favipiravir-tocilizumab-as-promising-drugs-against-covid-19-5805311.htm</a>



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Healthcare

#### Coronavirus cure: Govt task force ranks favipiravir, tocilizumab as promising drugs against COVID-19

Updated: May 12, 2020 08:52 AM IST

> The 19 drugs under consideration for repurposing are; Chlroquine, HCQ, Remdesivir, Lopinavir/Ritonavir, Baloxavir Marboxil, Darunavir, Ribavirin+IFN betam Galidesivir, Oseltamivir, Umifenovir, Camostat mesylate, Ruxolitinib, Interferon beta, Tocolizumab, Ustekinumab, Nigericin, Teicoplanin and Ivermectin.



**Publisher:** CNBC

**Date:** 12<sup>th</sup> May 2020.

URL: https://www.cnbctv18.com/ healthcare/coronavirus-cure-govt-

task-force-ranks-favipiravir-tocilizumab-

as-promising-drugs-against-

covid-19-5805311.htm

**Publisher:** One India Telgu

**Date:** 28<sup>th</sup> April 2020.

**URL:** https://in.news.yahoo.com

/govt-task-force-ranks-

favipiravir-153340860.html

ವಾರ್ಗಳು 🕨 ಜಾತಿಯ ವಾರ್ಗಳು

## ఆ రెండు డ్రగ్స్.. కరోనా పైరస్టపై యుద్ధంలో ವಿಗುರಿಸ್ತುನ್ನು ಆಕಲು..

By Srinivas Mittapalli | Updated: Tuesday, April 28, 2020, 11:38 [IST]









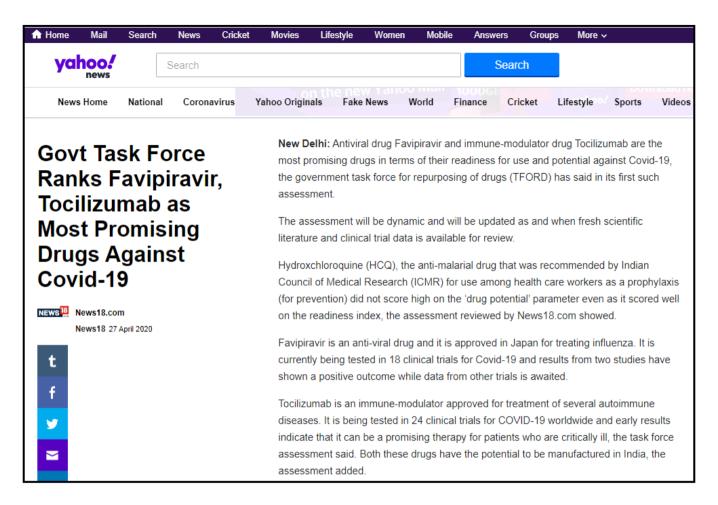




కరోనా పైరస్కు వ్యాక్సిన్ కనిపెట్టేందుకు ప్రపంచవ్యాప్తంగా అనేక దేశాలు తలమునకలయ్యాయి. ఈ క్రమంలో ఇప్పటికే ఆయా చికిత్పల్లో వాడుతున్న డ్రగ్స్ ను సైతం కరోనా వైరస్ పై పరీకించి చూస్తున్నాయి.

ఇందులో భాగంగా చైనా,జపాన్ వంటి దేశాలు 'ప్రవిపిరవిర్' అనే యాంటీ-ఫైరల్ డ్రగ్ ను కరోనా వ్యాక్సిన్గ్ అభివృద్ధి చేయడంపై ఫోకస్ చేశాయి. భారత ప్రభుత్వం నియమించిన టాస్క్ ఫోర్\(TFORD) సైతం ఫవిపరివీర్ యాంటీ వైరల్ డ్రగ్,ఇమ్యూన్-మాడ్యులేటర్ డ్రగ్-తోసిలిజుమాట్ కోవిడ్-19 చికిత్స విధానంలో ఆశాజనకంగా కనిపిస్తున్నాయని తాజాగా పేర్కొంది.





Publisher: Yahoo India

**Date:** 27<sup>th</sup> April 2020.

URL: <a href="https://in.news.yahoo.com">https://in.news.yahoo.com</a>

/govt-task-force-ranks-

favipiravir-153340860.html

**Publisher:** The Economic Times

**Date:** 19<sup>th</sup> April 2020.

#### **URL**:

https://economictimes.indiatimes.com/ news/science/can-coronavirus-crisischange-indian-science-for-good/ articleshow/75224904.cms



**Publisher:** NavoDay Times

**Date:** 18<sup>th</sup> May 2020.

#### **URL:**

https://www.navodayatimes.in/news/ khabre/indian-govt-made-task-forcewho-decides-drug-will-be-effectiveprsgnt/144662/





**Publisher:** Jagraan English

**Date:** 1<sup>st</sup> May 2020.

#### **URL:**

https://english.jagran.com/lifestyle/ coronavirus-cure-all-eyes-on-the-trialsof-these-drugs-as-global-race-fortreatment-of-covid19intensifies-10011351 **Publisher:** Lokmat

Date: 28th April 2020.

#### **URL:**

https://www.lokmat.com/national/ coronavirus-govt-task-force-ranksfavipiravir-tocilizumab-most-promisingdrugs-sss/

#### Coronavirus : कोरोनाविरोधातील लढाईत आशेचा किरण, देशात 'ही' औषधं देत आहेत व्हायरसला टक्कर

Coronavirus : कोरोनाविरोधातील लढाईत भारत जगातील अनेक देशांसाठी देवदूत ठरला आहे. कोरोनावर बन्यांपैकी नियंत्रण मिळवण्यात इतर देशांच्या तुलनेत भारत यशस्वी झाला आहे.

By ऑनलाइन लोकमत | Follow 🔰 | Published: April 28, 2020 01:37 PM | Updated: April 28, 2020 01:40 PM













**Publisher:** One India Tamil

Date: 27<sup>th</sup> April 2020.

#### **URL:**

https://www.lokmat.com/national/ coronavirus-govt-task-force-ranksfavipiravir-tocilizumab-most-promisingdrugs-sss/

செய்திகள் 🕨 டெல்லி

ஹைட்ராக்சிகுளோரோகுயின் பலன் தரவில்லை.. இந்த 2 மருந்து நம்பிக்கை தருகிறது.. டாஸ்க் ஃபோர்ஸ் பரிந்துரை

By Shyamsundar I | Published: Monday, April 27, 2020, 22:07 [IST]



டெல்லி: கொரோனாவிற்கு எதிராக ஃபெவிபிரவிர் மற்றும் டோசிலிஃசுமாப் என்ற இரண்டு மருந்துகள் அதிக பலன் அளிக்கிறது என்று மத்திய அரசு அமைத்த TFORD எனப்படும் மருந்துகளை மீண்டும் பயன்படுத்துவதற்கான பணிக்குழு பரிந்துரை செய்துள்ளது.



## सरकार द्वारा गठित टास्क फोर्स का दावा, कोरोना के इलाज में फेविपिरवीर, टोसीलिज़ुमाब सबसे कारगर दवा

By Ankur Singh | Updated: Tuesday, April 28, 2020, 6:22 [IST]













**Publisher:** One India Hindi

**Date:** 28<sup>th</sup> April 2020.

**URL:** 

नई दिल्ली। कोरोना वायरस के इलाज में एंटीवायरल इग फेविपिरवीर और इम्यून-मोड्यूलेटर इग टोसीलिज़ुमाब सबसे कारगर दवा हैं। सरकार द्वारा इस दवा के प्रयोग के लिए आंकलन करने के लिए टास्क फोर्स का गठन किया गया था। इस टास्क फोर्स ने अपने पहले मूल्यांकन में कहा है कि यह दवा कोरोना के डलाज में सबसे कारगर दवा है। इसकी समीक्षा के बाद इसपर वैज्ञानिक दस्तावेज तैयार जाएगा, क्लीनिकल ट्रायल किया जाएगा और फिर इसके बारे में अपडेट दिया जाएगा कि इसका इस्तेमाल कब किया जा सकता है। बता दें कि आईसीएमआर ने हाइडोक्सीक्लोरोक्वीन जोकि मलेरिया के इलाज में इस्तेमाल होती है उसे तमाम स्वास्थ्यकर्मियों को कोरोना के इलाज में इस्तेमाल करने की सलाह दी थी, लेकिन इसका कोई खास असर होता नहीं दिख रहा है।

https://www.lokmat.com/national/ coronavirus-govt-task-force-ranksfavipiravir-tocilizumab-most-promisingdrugs-sss/

# India Panel Favors Favipiravir, Tocilizumab As It Assesses COVID-19 Treatments

Strides Begins Favipiravir Exports, Glenmark to Start Trials

30 Apr 2020 ANALYSIS



by Vibha Ravi

@ScripVibhaRavi vibha.ravi@informa.com

#### **Executive Summary**

In a preliminary assessment of repurposed COVID-19 treatments by a government-appointed panel to assess the readiness and potential of a drug to be used in India, favipiravir and tocilizumab have emerged as front-runners. With Strides Pharma exporting the antiviral and Glenmark set to begin clinical trials, even the industry is supporting favipiravir, which is already in studies in Japan and China.

Publisher: Scrip

**Date:** 30<sup>th</sup> April 2020.

#### **URL:**

https://

scrip.pharmaintelligence.informa.com/

SC142138/India-Panel-Favors-

Favipiravir-Tocilizumab-As-It-Assesses-

**COVID19-Treatments** 

**Publisher:** Scrip

**Date:** 22<sup>nd</sup> May 2020.

#### **URL:**

https://thewire.in/business/fromdisruptive-covid-chaos-comes-anopportunity-for-indias-pharmaceutical-<u>industry</u>

#### BUSINESS

#### From Disruptive Covid Chaos, Comes an Opportunity for India's Pharmaceutical Industry

The sector faces the challenge to transition from being pharmacy of the world to a global research laboratory.





Vaishali Basu Sharma







COVID 19 has brought to the fore and fused the subjects of science, sustainability, and social issues. On May 14, 2020 the Indian Council for Medical Research (ICMR) announced that it would partner with the World Health Organization (WHO) on the Global Solidarity Trial for Treatment of the COVID-19 disease and fast-track trials to help in finding an effective treatment.

25% or 1.69 million of the 4.64 million people affected by the virus have been cured. According to the WHO, there are currently no drugs licensed for the treatment or prevention of COVID-19. Vaccines and treatment options for COVID-19 are currently being investigated around the world. Researchers are performing randomized controlled trials in humans before potential vaccines and other treatments become available.