

WEEKLY C.A. SHORTS



EDDINGS





INDIA AND THE EUROPEAN UNION AIM TO BUILD A STRONG RELATIONSHIP BETWEEN THEIR MILITARY PERSONNEL

- India and the European Union are enhancing their defense cooperation through dialogue with more permanent staff, including military personnel, to improve joint operational effectiveness in various sectors.

- An Indian delegation from the Ministry of Defense and the Ministry of External Affairs is on a study tour to Europe to explore EU Security and Defense Mechanism and Common Security and Defense Policy (CSDP) missions and possible cooperation in the Indo-Pacific region.

The visit underscores the shared commitment to maritime security and strategic cooperation, involving the European External Action Service, the European Maritime Safety Agency and Frontex to identify areas of mutual interest with the Indian Coast Guard.

CENTER APPROVES NEW TREATMENT REGIMEN FOR MULTI-DRUG RESISTANT TB



- *The Union Ministry of Health has approved the BPALM regimen for the treatment of multidrug-resistant tuberculosis (MDR-TB), which combines pretomanid with bedaquiline and linezolid (and optionally moxifloxacin).*
- *The BPALM regimen is more effective and faster than previous treatments, curing drug-resistant TB in six months compared to the 20-month duration of conventional treatments.*
- *This new treatment is part of India's National TB Eradication Program, which aims to eliminate TB by 2025 ahead of the global target, benefiting approximately 75,000 drug-resistant TB patients in the country.*

INDIA-GULF COOPERATION COUNCIL (GCC)



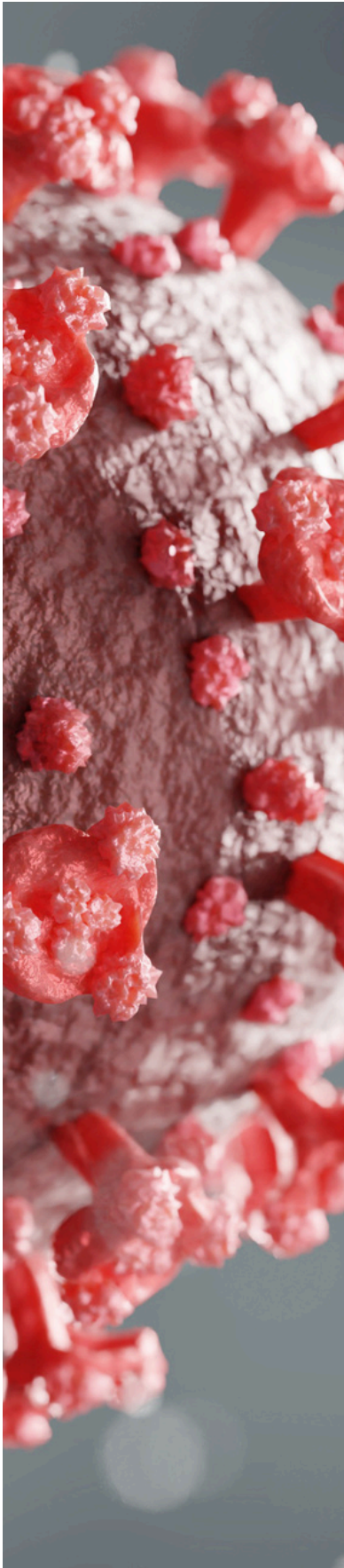
- In Riyadh for the inaugural India-Gulf Cooperation Council (GCC) Foreign Ministers' Meeting, External Affairs Minister S. Jaishankar is present.
- The purpose of this event is to strengthen energy cooperation, trade, and investment between India and the GCC nations.
- Additionally, Jaishankar will meet one-on-one with a number of the foreign ministers of the GCC.

33% RESERVATION FOR WOMEN IN THE POLICE SERVICE



- A 33% reservation for women in the police service has been authorized by the government of Rajasthan.
- This ruling seeks to advance gender parity and increase tact while addressing matters pertaining to women.
- The cabinet also sanctioned land for a 3,150 MW solar power plant and granted a 5% increase in retirees' stipend.

A STUDY ON MICE IDENTIFIED A POSSIBLE 'REAL' CAUSE OF CHRONIC COVID



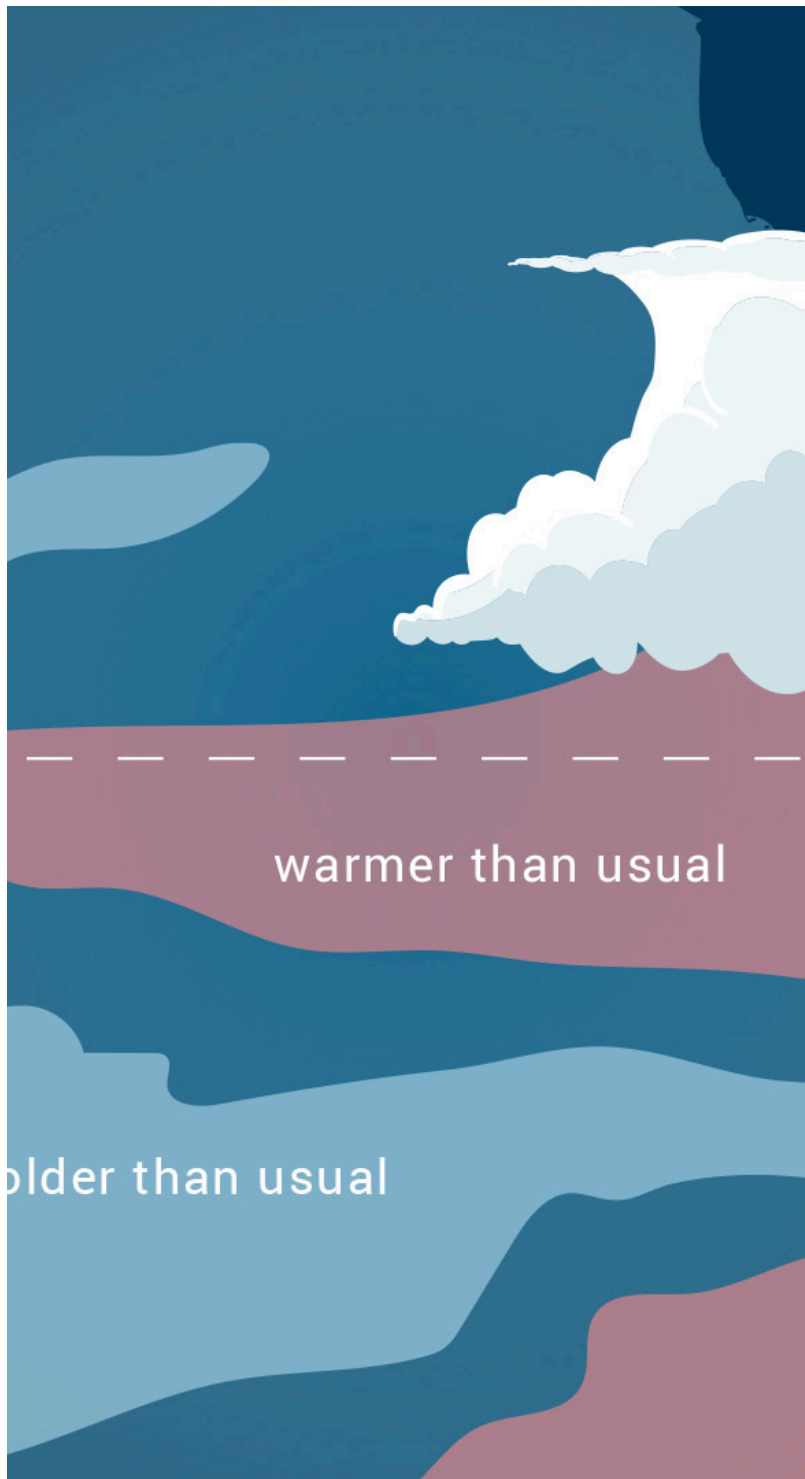
- Thrombo-inflammation has long been responsible for symptoms associated with acute post-Covid sequelae, affecting millions of people worldwide despite widespread immunity and a significant reduction in severe Covid-19 cases.
- Recent research indicates that long-term complications from Covid-19 are not necessarily related to the severity of the initial infection. Individuals may experience these complications even after mild or asymptomatic Covid-19 infection.
- The study also suggested a therapeutic approach to the management of Covid-19. A derivative of the 5B8 antibody has advanced into phase I clinical trials. If successful, it is expected to advance to Phase II, where clinical outcomes will be evaluated.

TAMIL NADU HAS DRAFTED A SOP TO DEAL WITH COASTAL ZONE VIOLATIONS

- The Tamil Nadu State Coastal Zone Management Authority (TNSCZMA) has drafted a new Standard Operating Procedure (SOP) to address Coastal Regulation Zone (CRZ) violations, out of 160 received between 2015-16 and 2023-24. In response to more complaints.
- The draft SOP includes a 'GIS Cell', which will verify whether the complaints fall in CRZ areas, wherein industrial violations will be referred to the Tamil Nadu Pollution Control Board and building violations will be directed to the Directorate of Town and Village Planning and the District Collector. will be done
- After site inspection and submission of report, TNSCZMA will issue show cause notice and schedule inquiry with further action based on the response of the violator.

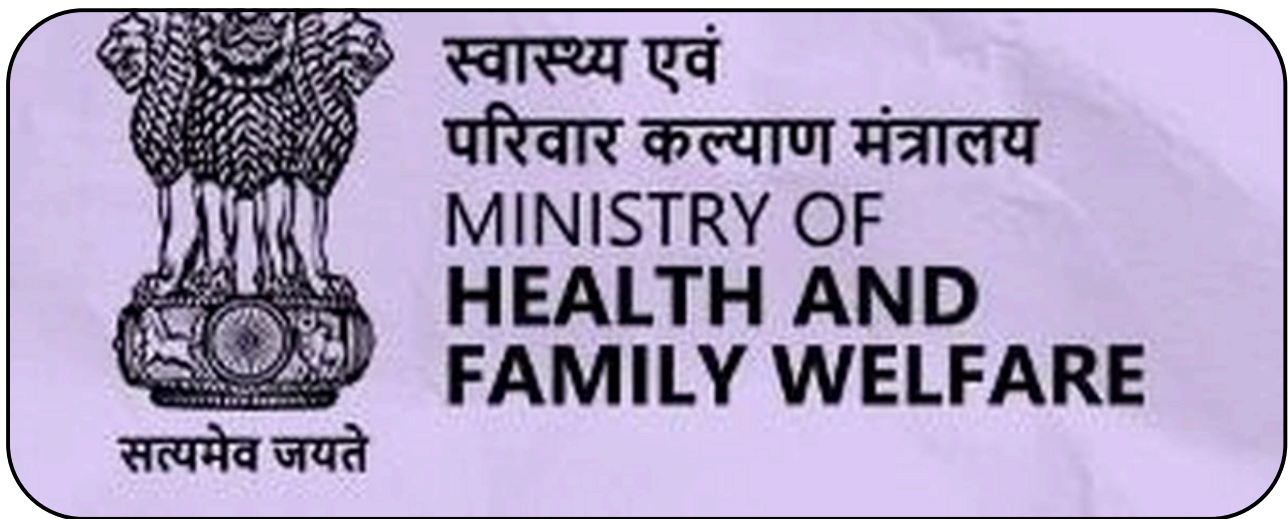


LA NINA AND WEATHER PATTERNS IN INDIA



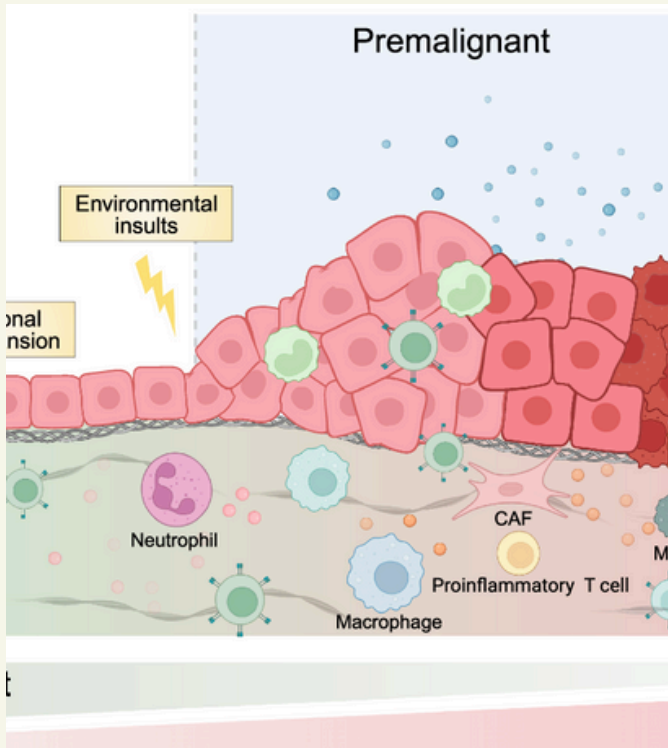
- La Nina is expected to take root in September, leading to increased cyclonic activity in the Bay of Bengal and heavy rainfall in North India.
- September is forecasted to have higher than normal rainfall, particularly in Rajasthan, Uttarakhand, and Delhi, with weather models predicting several cyclonic precursors.
- The monsoon withdrawal, usually beginning mid-September, might be delayed due to the expected heavy rainfall.

ESTABLISHMENT OF TECHNICAL RESOURCE CENTRES FOR CLINICAL GUIDELINES



- The Union Health Ministry, in collaboration with ICMR, is setting up Technical Resource Centres (TRCs) to develop evidence-based clinical guidelines using the GRADE methodology.
- TRCs will receive financial support and will be responsible for systematic research, evidence synthesis, and dissemination of best practices in healthcare.
- The initiative includes regular monitoring, training programs, and a review process to ensure rigorous guideline development and application.

WEAKENED CANCER CELLS CAN FORM SOLID TUMORS WITH THE HELP OF THEIR PROGENITORS



- Researchers have demonstrated that drug-resistant mutant cells experience significant changes in growth rate even without exposure to the drug. This was related to the environmental conditions in which the cells existed.

- When cultured separately, drug-resistant cells exhibited slower growth than their parent cell lines. However, the drug-resistant cells showed a much faster growth rate when cultured with their parental cells.

- If this behavior is widespread then future therapies may focus on disrupting these ecological interactions, potentially improving cure rates.

INDIA HAS A FOUR-POINT PRINCIPLE TO END THE RUSSIA-UKRAINE CONFLICT



- India's Foreign Minister S. Jaishankar outlined a four-point principle to resolve the Russia-Ukraine conflict, which is as follows -

- Peace should be the time.
- No solution of war will happen in the field of war.
- For any successful peace process, Russia should be on the negotiating table.
- India is "concerned and engaged" in trying to find a way to resolve the conflict.

- Jaishankar and German Foreign Minister Annalena Barbock discussed global issues including the Russia-Ukraine conflict and preparations for German Chancellor Olaf Scholz's visit to New Delhi.
- Jaishankar addressed economic ties with China and highlighted India's efforts to strengthen trade and investment ties with Germany, including the upcoming Asia Pacific Summit of German Business in New Delhi.

ADDITIONAL SOLICITOR GENERALS



- Recently, the government has appointed six senior advocates as Additional solicitor generals to represent it in the Supreme court.

Role

- The SGI and addl.SGI advise the Government and represent the Union of India in legal matters.

Appointment

- The appointments committee of the Cabinet headed by the prime minister recommends and officially appoints the SGI and Addl.SGI.

Governing rules

- The addl.SGI is governed by the law officers rules, 1987.

FINANCIAL ACTION TASK FORCE (FATF)

- The financial task force is expected to release its report on India's mutual evaluation, which was adopted at its June 2024 meeting in Singapore.
- It is an intergovernmental Organization .
- It was established in 1989 out of a G-7 meeting of developed nations in Paris.

-Secretariat- PARIS

-Observer:- There are 31 international and regional organizations which are associate members.



BEPI COLOMBO

Objective:-To study Mercury's magnetic field,its Composition,the geology of its surface,and its interaction with the solar wind.

- The mission will also investigate the planet's exposure and its geological history.

- It will study the planet's surface and interior.

- JAXA mercury magnetospheric orbiter will study the magnetic field.



SWISS PEACE PROCESS



The swiss-mediated process between Ukraine and Russia has brought the spotlight on India's diplomatic position.

About

-It refers to dialogue between Russia and Ukraine, Switzerland's neutral status as a platform for dialogue and negotiation.

Objective

It aims to facilitate the peace process between two countries since 2002, which creates a peaceful world.