



ICMR-Regional Medical Research Centre, Bhubaneswar Library & Information Division

(Laxmi Narayan Memorial Library)

Weekly Current Awareness Service

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"An investment in knowledge pays the best interest."

- Benjamin Franklin

About Monday Morning

Monday morning is a weekly E- CAS (Electronic Current Awareness Service) of RMRC Library, Bhubaneswar which carries one Biomedical & health science news item and some useful current medical research links so that the scientists can access the articles. This E- Bulletin starts its journey from 21st Nov. 2016. In this maiden attempt we cordially invite your inputs and suggestions to improve in future.

Dr. Banamber Sahoo, Lib & Inf. Officer
Adyasa Bhoi & Suryajit Samal (Lib. Trainee)

Scientists find a new use for already known anti-cancer drugs.



Here Researchers have proposed new approaches to enhancing the efficacy of cancer

https://www.eurekalert.org/pub_releases/2020-01/lu-sfa123119.php

1. How Long Can Organs Stay Outside the Body Before Being Transplanted?

A team of clinicians must first remove the organ from its donor, sets of gloved hands coordinating to deftly cleave tissue from the body. Doctors then prep the harvested organ for transport to its recipient, who may be hours away by plane. For more details, click on the below link.

<https://www.livescience.com/how-long-can-donated-organs-last-before-transplant.html>

2. Misconceptions may lead to dehydration in older adults?

Staying hydrated seems simple enough. Yet studies have shown that somewhere between about one-third and one-half of older adults may be dehydrated, increasing their risk of health problems. For more details, click on the below link.

<https://www.medicalnewstoday.com/articles/327349.php#1>

3. Indian scientists' low-cost technique uses cell shape to diagnose diseases.

Scientists at the Indian Institute of Science (IISc) in Bengaluru are working on a novel method to diagnose a broad range of diseases, which uses the mechanical properties of cells as compared to commonly used chemical-based lab tests. For more details, click on the below link.

<https://health.economictimes.indiatimes.com/news/diagnostics/indian-scientists-low-cost-technique-uses-cell-shape-to-diagnose-diseases/73068100>

4. AI shows promise for breast cancer screening.

Could artificial intelligence improve the accuracy of screening for breast cancer? A comparison of the diagnostic performance of expert physicians and computers suggests so, but the clinical implications are as yet uncertain. For more details, click on the below link.

<https://www.nature.com/articles/d41586-019-03822-8>

5. This is how brain balances pleasure and pain.

Researchers have zeroed in on an information-processing hub in the brain to discover how neurons balance pleasure and pain. The research by New York-based Cold Spring Harbor Laboratory (CSHL) revealed that different classes of neurons control positive and negative motivation, sending opposing signals along a shared motivation-processing brain circuit. For more details, click on the below link.

<https://www.orissapost.com/this-is-how-brain-balances-pleasure-and-pain/>

E- CAS (Current Awareness Service)



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