



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

(Laxmi Narayan Memorial Library)

Weekly Current Awareness Service

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"Knowledge will bring you the opportunity to make a difference."

-Claire Fagin

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
Sonali Sribastab & Adyasa Bhoi (Lib. Trainee)

Cancer Patients Get Rare Blood Infection After Nurse Dilutes Opioids with Tap Water



Half a dozen cancer patients in New York developed a rare infection.

<https://www.livescience.com/66119-nurse-diluted-opioids-cancer-patients-infections.html>

1. Scientists create artificial catalysts inspired by living enzymes.

All living organisms depend on enzymes - molecules that speed up biochemical reactions that are essential for life. Scientists have spent decades trying to create artificial enzymes capable of cranking out important chemicals and fuels at an industrial scale with performance rivaling their natural counterparts. For more details, click on the below link

<https://www.sciencedaily.com/releases/2019/08/190805112216.htm>

2. Thermally-stable TB vaccine closer to reality thanks to microscopic silica cages.

There is an urgent need not only for a new TB vaccine, but also for methods to keep vaccines stable outside of the refrigeration 'cold chain' - as up to 50% of vaccine doses are discarded before use due to exposure to suboptimal temperatures. For more details, click on the below link

https://www.eurekalert.org/pub_releases/2019-08/uob-ttv080719.php

3. Protein discovery could lead to new hearing loss treatments.

In mammals, the ability to hear relies on two types of cell that detect sound: inner and outer hair cells. Both types of hair cell line the inside of the cochlea, a spiral shaped hollow in the inner ear. The hair cells form a distinct pattern comprising three rows of outer cells and one row of inner cells. For more details, click on the below link

<https://www.medicalnewstoday.com/articles/325981.php>

4. Why people with celiac disease suffer so soon after eating gluten

Some immune cells dump stomach-churning levels of immune chemicals called cytokines into the blood soon after the cells encounter gluten, triggering symptoms. Scientists already knew that some of these immune cells, called CD4+ T cells, in people with the disease react to gluten proteins in wheat, barley and rye. For more details, click on the below link

<https://www.sciencenews.org/article/why-people-celiac-disease-suffer-so-soon-after-eating-gluten?tgt=nr>

5. Reducing 'Ugly Cholesterol' May Help Prevent Stroke: Home Remedies to Manage Cholesterol Levels

There are three types of cholesterol found in the blood -- remnant cholesterol or 'ugly cholesterol', LDL cholesterol or 'bad cholesterol' and HDL cholesterol or 'good cholesterol'. "Our results show that the amount of remnant cholesterol in the blood of adult Danes is just as high as the amount of the bad LDL cholesterol. For more details, click on the below link

<https://food.ndtv.com/news/reducing-ugly-cholesterol-may-help-prevent-stroke-home-remedies-to-manage-cholesterol-levels-2079824>

E- CAS (Current Awareness Service)



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