

**Monday Morning**

# **RMRC, Bhubaneswar**

## **(Laxmi Narayan Memorial Library)**

### **Weekly Current Awareness Service**

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*“Education is learning what you didn't even know you didn't know.”*

- *Daniel J. Boorstin*

#### **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 21<sup>st</sup> 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 & Shaktidhar Barik (Lib. Trainee)**

*The cerebellum may do a lot more than just coordinate movement*



**NOT SO SIMPLE** New studies are turning up more jobs for the cerebellum, a brain structure thought to be involved only in movement and coordination (shown in red in this illustration).

<https://www.sciencenews.org/article/cerebellum-may-coordinate-more-than-just-movement?tgt=nr>

## 1. In surprising reversal, scientists find a cellular process that stops cancer before it starts

Salk research shows that cellular recycling process, thought to fuel cancer's growth, can actually prevent it. Just as plastic tips protect the ends of shoelaces and keep them from fraying when we tie them. For more details, click on the below link

[https://www.eurekalert.org/pub\\_releases/2019-01/si-isr012319.php](https://www.eurekalert.org/pub_releases/2019-01/si-isr012319.php)

## 2. Tiny, Previously Undiscovered Capillaries May Exist Inside People's Bones

Our bones may be filled with previously undiscovered networks of microscopic tunnels, a new study finds. In the study, researchers found hundreds of previously unknown capillaries — the tiniest blood vessels in the body — in the leg bones of mice. The discovery of something in mice, however, doesn't necessarily mean it exists in humans, and there can often be a long period between an animal discovery and confirmation of the findings in humans. For more details, click on the below link

<https://www.livescience.com/64563-new-capillary-network-discovered.html>

## 3. Study sheds light on brain cell changes in people with MS

The study focused on cells in the brain that help to repair damage to nerve cells caused by the disease. Researchers identified various types of these cells called oligodendrocytes. People with MS have different types of oligodendrocytes than healthy people, the study found. For more details, click on the below link

<https://www.sciencedaily.com/releases/2019/01/190123131711.htm>

## 4. New vaccine offers fresh take on malaria fight

Early research on a new approach to protecting against malaria is offering promising, potentially long-lasting results against the persistent parasite that sickens hundreds of millions of people each year. For more details, click on the below link

[https://www.eurekalert.org/pub\\_releases/2019-01/ohs-nvo012219.php](https://www.eurekalert.org/pub_releases/2019-01/ohs-nvo012219.php)

## 5. Poor sleep makes you weak by changing your DNA, warns study

The way people's genes work is changed when their body clock is disrupted. A study has revealed that sleep deprivation does more harm to the human body, than imagined. According to it, sleep deprivation can affect our genes and lead to the damage of our DNA. For more details, click on the below link

<https://www.hindustantimes.com/fitness/poor-sleep-makes-you-weak-by-changing-your-dna-warns-study/story-A4Fefp8jfCHqjRJ5rQmwHI.html>



## E- CAS (Current Awareness Service)

Monday Morning team

Library & Information Division

ICMR-Regional Medical Research Centre

Bhubaneswar- 751023, ODISHA,

E- Mail: drbsahoo@gmail.com, Tel: 9438182087