



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

(Laxmi Narayan Memorial Library)

## Weekly Current Awareness Service

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*"Education gives you wings to fly."*

*A.P.J Abdul Kalam*

### 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  
Adyasa Bhoi & Suryajit Samal (Lib. Trainee)

### *Metals in Baby Teeth Could Help Reveal What Causes Autism, ADHD*



Heavy metals found in baby teeth may reveal metabolic problems that potentially contribute to attention deficit hyperactivity disorder (ADHD) and autism spectrum disorder happens.

<https://www.livescience.com/baby-teeth-hint-at-adhd-autism.html>

## 1. Sentinels in the mouth.

Newly discovered chemical-sensing cells in the gums protect the mouth by standing guard against infections that damage soft tissue and destroy the bone that supports the teeth. For more details, click on the below link.

[https://www.eurekalert.org/pub\\_releases/2019-10/mcsc-sit100219.php](https://www.eurekalert.org/pub_releases/2019-10/mcsc-sit100219.php)

## 2. Fungi accelerate pancreatic cancer.

The impact of fungi on human health is under-studied and underappreciated. One genus of fungus, *Malassezia*, has now been linked to the progression of pancreatic cancer. For more details, click on the below link.

<https://www.nature.com/articles/d41586-019-02892-y>

## 3. Omega-3 fish oil supplements may lower heart attack risk.

Taking omega-3 fish oil supplements every day may reduce the risk of heart attack and other cardiovascular events, including death. However, it may not protect against stroke. For more details, click on the below link.

<https://www.medicalnewstoday.com/articles/326533.php>

## 4. Targeting two genetic faults in cancer cells could hold the key to treating leukemia.

The study, which involved the University's Division of Cancer Sciences and the Cancer Research UK Manchester Institute, found that a key gene, called *SRSF2*, becomes faulty in more than 10% of AML patients – and that around half of these also carry damage to another key gene, called *IDH2*. For more details, click on the below link

<https://www.news-medical.net/news/20191004/Targeting-two-genetic-faults-in-cancer-cells-could-hold-the-key-to-treating-leukemia.aspx>

## 5. WVU researchers study link between low birth weight and cardiovascular risk.

In a recent study, West Virginia University researcher Anna Umer explored how low birth weight correlates to cardiovascular risk factors in childhood. She and her colleagues assessed data of 20,000 fifth-graders born in West Virginia. They discovered that if children had a low birth weight, they were more likely to exhibit cardiovascular risk factors in fifth grade. For more details, click on the below link.

[https://www.eurekalert.org/pub\\_releases/2019-10/wvu-wrs100319.php](https://www.eurekalert.org/pub_releases/2019-10/wvu-wrs100319.php)

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## E- CAS (Current Awareness Service)



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