

**Monday Morning**

# **RMRC, Bhubaneswar**

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

### **Weekly Current Awareness Service**

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*“Change is the end result of all true Learning.”*

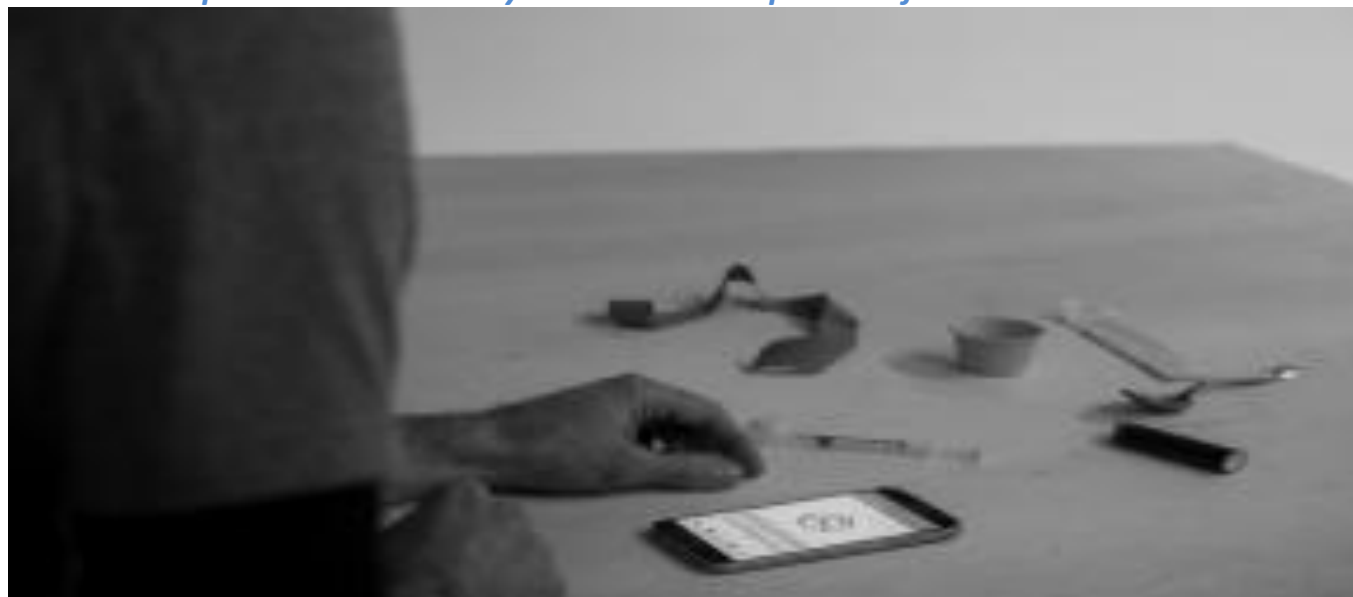
- *Leo Buscaglia*

#### **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)**

*Your phone could reveal your radiation exposure after a nuclear disaster*



**RADIATION READ OUT** Quickly examining personal electronics for radiation exposure could help triage medical treatment of radiation sickness after a nuclear disaster.

<https://www.sciencenews.org/article/phones-reveal-radiation-exposure-after-nuclear-disaster>

## 1. Research reveals mechanism for leukaemia cell growth, prompting new treatment hopes

A mechanism which drives leukaemia cell growth has been discovered by researchers at the University of Sussex, who believe their findings could help to inform new strategies when it comes to treating the cancer. click on the below link

[https://www.eurekalert.org/pub\\_releases/2019-01/uos-rrm011619.php](https://www.eurekalert.org/pub_releases/2019-01/uos-rrm011619.php)

## 2. Smoking Pot Just Once May Increase Teen Brain Volume: Why That Could Be Bad

Adolescents who smoked marijuana one or two times had increased amounts of gray matter, a combination of neuron bodies and cells that feed them in their brains compared with those who hadn't, according to a new study. For more details, click on the below link

<https://www.livescience.com/64509-smoking-pot-brain-volume.html>

## 3. IIT Mandi's novel test can detect early signs of kidney damage

Researchers at IIT Mandi have developed a novel system that can detect early signs of kidney damage by measuring even low levels of a protein marker in urine and blood samples. The test, which detects the presence of a protein albumin in urine and blood. For more details, click on the below link

<https://health.economictimes.indiatimes.com/news/diagnostics/iit-mandis-novel-test-can-detect-early-signs-of-kidney-damage/67570746>

## 4. Bacterial compounds may be as good as DEET at repelling mosquitoes

Implants that electrically stimulate nerves continuously to treat disease can cause off-target effects and pain. An implant that uses light to modulate the activity of genetically modified nerve cells might offer a solution. For more details, click on the below link

<https://www.nature.com/articles/d41586-018-07811-1>

## 5. How to rapidly image entire brains at nanoscale resolution

Two scientists, Ruixuan Gao and Shoh Asano, wanted to use his team's microscope on brain samples expanded to four times their usual size -- blown up like balloons. The duo, part of Howard Hughes Medical Institute (HHMI) Investigator Ed Boyden's lab at the Massachusetts Institute of Technology (MIT), uses a chemical technique to make small specimens bigger so scientists can more easily see molecular details. For more details, click on the below link

<https://www.sciencedaily.com/releases/2019/01/190117142117.htm>

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## E- CAS (Current Awareness Service)



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