

RMRC, Bhubaneswar

(Laxmi Narayan Memorial Library)

Weekly Current Awareness Service

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"A Library is the delivery room for the birth of ideas, a place where history comes to life"

Norman Cousins

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.

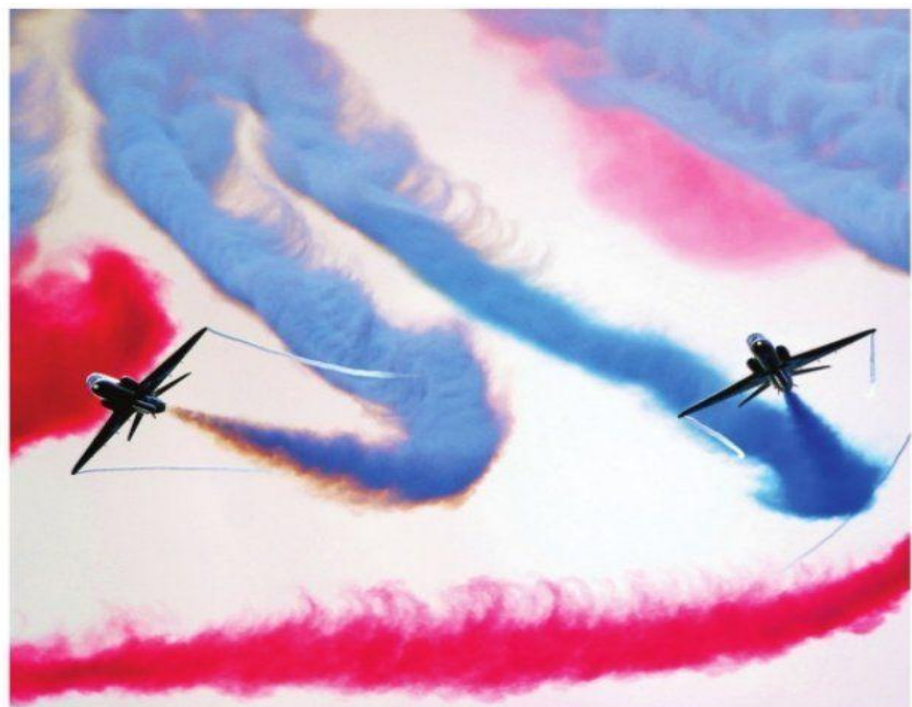
Dr. Banamber Sahoo, Lib & Inf. Officer
Poonam Singh Deo & Ashutosh Patra (Lib. Trainee)

Antibody for Zika, dengue identified

BREAKTHROUGH

WASHINGTON: An antibody that protects from dengue virus is also effective against Zika, a study has found, paving the way for new drugs to prevent the infection that causes babies to be born with serious birth defects. Brazil and other areas hardest hit by the Zika virus are also home to dengue virus, which is spread by the same mosquito species. Antibodies remain in the bloodstream for weeks, so one or a few doses of an antibody-based drug given over the course of a woman's pregnancy potentially could protect her foetus from Zika, with the added benefit of protecting her from both Zika and dengue disease, the researchers said.

Dengue causes high fever, severe headaches, and joint and muscle pain in children and adults but does not directly harm foetuses. "We found that this antibody not only neutralises the dengue virus but, in mice, protects both adults and foetuses from Zika disease," said Michael S Diamond, professor at Washington University.



SWAT KATS!

The British Royal Air Force's (RAF) aerobatic team, the "Red Arrows", performs in Jeddah, Saudi Arabia | AFP

1. Brain circuit that makes you crave salt identified

Salt is not all bad, but too much of it can have a serious impact on your cardiovascular health. Reducing our salt intake can seem challenging, however, and new research maps the neurons that make passing up salt so difficult. A new study helps us to understand why that is. A team of researchers from the Division of Endocrinology, Diabetes, and Metabolism at the Beth Israel Deaconess Medical Center in Boston, MA, set out to map the brain circuit that underpins our craving for salt. For more details click on the below link

<https://www.medicalnewstoday.com/articles/319569.php>

2. 'Many Moisturizers Aren't What They Claim to Be

Many skin moisturizers that claim to be fragrance-free or hypoallergenic are not, and may aggravate skin disorders such as psoriasis and eczema, a new study says.

For more details click on the below link

https://medlineplus.gov/news/fullstory_168228.html

3. New Treatment Approved for Deadly Blood Cancer

The U.S. Food and Drug Administration on Thursday approved the anti-cancer drug Besponsa (inotuzumab ozogamicin) to treat B-cell acute lymphoblastic leukemia (ALL). B-cell ALL is a rapidly growing cancer that occurs when the bone marrow makes too many B-cell lymphocytes, a type of white blood cell. Almost 6,000 people in the United States are likely to be diagnosed with the disease this year, and more than 1,400 are projected to die from it, according to estimates from the U.S. National Cancer Institute. For more details click on the below link

https://medlineplus.gov/news/fullstory_167882.html

4. IMB researchers unveil mystery of aging process

Researchers at the Institute of Molecular Biology (IMB) in Mainz have made a breakthrough in understanding the origin of the aging process. They have identified that genes belonging to a process called autophagy, which is one of the cells most critical survival processes, promote health and fitness in young worms but drive the process of aging later in life. This research published in the journal Genes & . For more details click on the below link

<https://www.news-medical.net/news/20170927/IMB-researchers-unveil-mystery-of-aging-process.aspx>



E- CAS (Current Awareness Service)

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