

RMRC, Bhubaneswar

(Laxmi Narayan Memorial Library)
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THE LIBRARY WAS THE PLACE I WENT TO FIND OUT WHAT THERE WAS TO KNOW.
IT WAS ABSOLUTELY ESSENTIAL.

-ZADIE SMITH

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
Satyajit Nayak & Twinkle Rout (Lib. Trainee)

Delayed prescriptions for antibiotic resistance

LULL-CHEMIST

LONDON: Delayed prescriptions or shorter courses of treatment could be a potential way of fighting antibiotic resistance, suggest two studies led by University of Southampton.

"Antibiotic resistance is now considered a global health crisis and one of the contributors is over-prescription of the drugs. We need to adopt new approaches if we are going to reduce our over-reliance on antibiotics," said Michael Moore, who led the studies published in the *British Journal of General Practice*.

The first study concluded that doctors could use antibiotic prescriptions for sore throats but tell patients not to take them straight away.

Issuing an antibiotic prescription with the instruction of not to 'cash it in' unless symptoms persisted was as effective as giving them drugs immediately.

The second study showed that shorter courses of antibiotics



for sore throats (a five-day course, instead of the ten-day course) could be just as effective and help reduce over-consumption of antibiotics.

"A 'wait and see' approach seems to have similar benefits to a prescription on symptoms approach; and we found that less people end up using them. A shorter course of antibiotics does not seem to have disadvantages and is another way of reducing exposure to antibiotics."

Both studies were observational. Researchers followed thousands with a sore throat.

1. When will yellow fever strike Brazil again? Monkeys and mosquitoes hold clues.

The howler monkeys slink like cats through the canopy, swiveling their heads to look for danger. They have reason to be wary. In the jungle below, biologists armed with a black tranquilizer rifle are hunting them, flashes of khaki through the foliage. For more details click on the below link.

<http://www.sciencemag.org/news/2017/08/when-will-yellow-fever-strike-brazil-again-monkeys-and-mosquitoes-hold-clues>

2. Stop hoarding ancient bones, plead archaeologists.

The quest to chronicle the past using DNA from ancient humans and animals has become a cut-throat ‘game of bones’, in which a handful of genetics laboratories are hoarding precious samples, three archaeologists charge in a 9 August letter to *Nature*. For more details click on the below link.

<http://www.nature.com/news/stop-hoarding-ancient-bones-plead-archaeologists-1.22445>

3. Mount Sinai identifies mechanism for resilience in people with high risk of bipolar disorder.

Researchers from the Icahn School of Medicine at Mount Sinai have identified a brain mechanism in siblings of bipolar patients that makes them resilient to bipolar disorder. The results suggest that the brain is able to adapt to the biological risk for bipolar disorder and open new avenues in pursuing further research to enhance resilience in those at risk and currently affected. For more details click on the below link.

https://www.eurekalert.org/pub_releases/2017-08/tmsh-msi081117.php

4. Hospitals will use AI to read brain MRI.

Artificial Intelligence (AI), after providing a variety of information to cure cancer, will likely be used for reading cerebral aneurysm images. Health Insurance Review & Assessment Service (HIRA) has recently begun to develop “AI-based diagnosis model of medical images” together with Seoul National University Hospital. For more details click on the below link.

<http://www.koreabiomed.com/news/articleView.html?idxno=1113>



E- CAS (Current Awareness Service)

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