

**Monday Morning**

# **ICMR-Regional Medical Research Centre, Bhubaneswar**

## **Library & Information Division**

### **Weekly Current Awareness Service**

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*“Knowledge speaks but wisdom listens.”*

*Jimi Hendrix*

#### **About Monday Morning:**

Monday morning is a weekly E-CAS (Electronic Current Awareness Service) of RMRC Library, which carries one Biomedical & health science news item with some useful current medical research links and new research activities of the Institute of the week. This E- Bulletin starts its journey from 21<sup>st</sup> Nov. 2016. Your suggestion for improving the Monday morning weekly issues is well accepted.

**Dr. Banamber Sahoo**, Lib & Inf. Officer  
Payal Jena & NilakanthaDash (Lib. Trainee)

## **How the Delta variant achieves its ultrafast spread**



(A queue at a hospital in Surabaya, Indonesia, that treats people with COVID-19. Indonesia has been hard hit by the Delta variant. Credit: JuniKriswanto/AFP/Getty)

Since first appearing in India in late 2020, the Delta variant of SARS-CoV-2 has become the predominant strain in much of the world. Researchers might now know why Delta has been so successful: people infected with it produce far more virus than do those infected with the original version of SARS-CoV-2, making it very easy to spread.

Read more <https://www.nature.com/articles/d41586-021-01986-w>

(Source: Nature, 21<sup>st</sup> July 2021)

- 1. Vaccine inequity undermining global economic recovery:** COVID-19 vaccine inequity will have a lasting and profound impact on socio-economic recovery in low- and lower-middle income countries without urgent action to boost supply and assure equitable access for every country, including through dose sharing, according to new data released today by the United Nations Development Programme (UNDP), the World Health Organization (WHO) and the University of Oxford.  
**Read more:** <https://www.who.int/news/item/22-07-2021-vaccine-inequity-undermining-global-economic-recovery>
- 2. COVID-19 pandemic leads to major backsliding on childhood vaccinations, new WHO, UNICEF data shows:** 23 million children missed out on basic vaccines through routine immunization services in 2020 – 3.7 million more than in 2019 - according to official data published today by WHO and UNICEF. This latest set of comprehensive worldwide childhood immunization figures, the first official figures to reflect global service disruptions due to COVID-19, show a majority of countries last year experienced drops in childhood vaccination rates.  
**Read more:** <https://www.unicef.org/press-releases/covid-19-pandemic-leads-major-backsliding-childhood-vaccinations-new-who-unicef-data>
- 3. Chemotherapy can induce mutations that lead to pediatric leukemia relapse: Study:** A new study has found that a group of chemotherapy drugs can result in mutations that may trigger the relapse of blood cancer in children.  
**Read more:** <https://health.economictimes.indiatimes.com/news/diagnostics/chemotherapy-can-induce-mutations-that-lead-to-pediatric-leukemia-relapse-study/84756923>
- 4. WHO and Global Fund Sign Cooperation Agreement to Scale Up HIV, TB and Malaria Interventions and Strengthen Health Systems:** The World Health Organization and the Global Fund to Fight AIDS, Tuberculosis and Malaria signed a cooperation and financing agreement to implement 10 strategic initiatives to accelerate the end of AIDS, tuberculosis and malaria as epidemics and strengthen systems for health.  
**Read more:** <https://www.who.int/news/item/30-06-2021-who-and-global-fund-sign-cooperation-agreement-to-scale-up-hiv-tb-and-malaria-interventions-and-strengthen-health-systems>
- 5. New recommendations for screening and treatment to prevent cervical cancer:** Too many women worldwide – particularly the poorest women – continue to die from cervical cancer; a disease which is both preventable and treatable. Today, WHO and HRP have launched a new guideline to help countries make faster progress, more equitably, on the screening and treatment of this devastating disease.  
**Read more:** <https://www.who.int/news/item/06-07-2021-new-recommendations-for-screening-and-treatment-to-prevent-cervical-cancer>

## E- Library

- ❖ Library subscribes E-Resources i.e EMBASE, ProQuest, ERMED
- ❖ Plagiarism software: iThenticate

*Note: For any article request, Plagiarism check and other library services please contact the Library division.*

## New Publications of the Institute:

- Subhadra S, Sabat J, Dwibedi B, Panda S, Mandal MC, Rath S, Ho LM, Palo SK, Pati S, Turuk J. Prevalence and trend of emerging and re-emerging arboviral infections in the state of Odisha. *Virusdisease*. 2021 Jul 26:1–7. DOI: [10.1007/s13337-021-00730-2](https://doi.org/10.1007/s13337-021-00730-2). Epub ahead of print. PMID: PMC8312379.
- Dash GC, Rout UK, Nanda RR, Parai D, Choudhary HR, Kanungo S, Palo SK, Kshatri JS, Turuk J, Mishra BK, Pati S, Bhattacharya D. Pooled testing for SARS-CoV-2 infection in an automated high-throughput platform. *J Clin Lab Anal*. 2021 Jun 28:e23835. [https://doi:10.1002/jcla.23835](https://doi.org/10.1002/jcla.23835) Epub ahead of print. PMID: 34181279. (IF:2.352)
- Choudhary HR, Parai D, Dash GC, Peter A, Sahoo SK, Pattnaik M, Rout UK, Nanda RR, Pati S, Bhattacharya D. IgG antibody response against nucleocapsid and spike protein post-SARS-CoV-2 infection. *Infection*. 2021 Jul 2:1–4. DOI: [10.1007/s15010-021-01651-4](https://doi.org/10.1007/s15010-021-01651-4) Epub ahead of print. PMID: 34213733; PMID: PMC8249824. (IF: 3.553)
- Kshatri JS, Bhoi T, Barik SR, Palo SK, Pati S. Is multimorbidity associated with risk of elder abuse? Findings from the AHSETS study. *BMC Geriatr*. 2021 Jul 3;21(1):413. DOI: [10.1186/s12877-021-02347-y](https://doi.org/10.1186/s12877-021-02347-y). PMID: 34217225. (IF:3.921)
- Pal BB, Nayak AK, Nayak SR. Emergence and spread of different ctxB alleles of *Vibrio cholerae* O1 in Odisha, India. *Int J Infect Dis*. 2021;105:730-732. DOI: [10.1016/j.ijid.2021.03.042](https://doi.org/10.1016/j.ijid.2021.03.042) PMID: 33741484. (IF: 3.623)



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