



1. ICMR Launches National Repository for Human Microbiome Research

- The **Indian Council of Medical Research (ICMR)** has initiated a national microbiome repository to support research on the role of gut microorganisms in human health and disease.
- The initiative will facilitate:
 - Standardized microbiome data collection
 - Collaborative research
 - Development of precision medicine strategies
 - Indigenous scientific innovation

👉 **Research Insight:** Understanding the human microbiome may pave the way for personalized therapies in gastrointestinal, metabolic, and immune-mediated disorders.



2. WHO Calls for Stronger Adult Immunization Programs

- The **World Health Organization (WHO)** has emphasized expanding adult vaccination coverage, particularly among:
 - Older adults
 - Individuals with chronic diseases
 - Pregnant women
 - Healthcare workers

👉 **Clinical Insight:** Improving adult immunization can significantly reduce vaccine-preventable diseases, hospitalizations, and mortality.



3. AI-Based Clinical Documentation Gains Momentum in Indian Hospitals

- More hospitals are adopting AI-powered clinical documentation tools to:
 - Reduce physician documentation burden
 - Improve electronic medical records
 - Enhance workflow efficiency
 - Support clinical decision-making

👉 **Healthcare Technology:** AI-assisted documentation allows clinicians to spend more time on direct patient care while improving record accuracy.

4. Cardiologists Stress Early Screening for Lipoprotein(a) in High-Risk Individuals

- Experts recommend considering **Lipoprotein(a) [Lp(a)]** testing in patients with:
 - Premature cardiovascular disease
 - Family history of early myocardial infarction
 - Familial hypercholesterolemia
 - Recurrent cardiovascular events despite optimal LDL control

 **Clinical Alert:** Elevated Lp(a) is an independent cardiovascular risk factor and should be considered during comprehensive cardiovascular risk assessment.

5. India Continues Expansion of Digital Health Services Under ABDM

- The **Ayushman Bharat Digital Mission (ABDM)** continues expanding:
 - ABHA-linked health records
 - Digital prescriptions
 - Health Information Exchange
 - Interoperable hospital systems

 **Digital Health Impact:** Strengthening digital health infrastructure improves continuity of care and facilitates seamless sharing of patient information across healthcare facilities.

6. Global Health Experts Highlight Climate Change as a Growing Health Challenge

- Public health experts continue to warn that climate change is contributing to:
 - Heat-related illnesses
 - Vector-borne diseases
 - Air pollution-related disorders
 - Food and water insecurity

 **Public Health Insight:** Climate-resilient healthcare systems and preventive public health strategies are becoming increasingly important to address emerging health risks.