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Credit - Drishti Ias

Nightmare Bacteria









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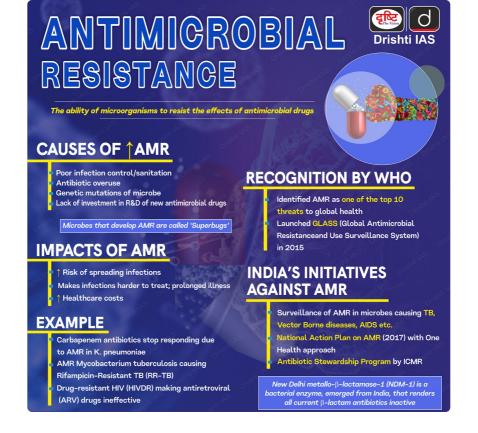
Drug-resistant nightmare bacteria infections are surging in the United States , with NDM-1 (New Delhi Metallo-beta-lactamase-1) cases rising fivefold from 2019–2023.

Nightmare Bacteria

- About: Nightmare bacteria are Carbapenem-resistant Enterobacteriaceae (CRE) like Klebsiella pneumoniae and E. coli, resistant to last-resort carbapenem antibiotics.
 - They are called "nightmares" because they spread resistance genes easily and cause severe, often fatal infections in the bloodstream, lungs, and urinary tract.
- Global Spread: This is not US-specific; NDM-producing bacteria are widespread in South Asia, and international travel and trade make Antimicrobial Resistance (AMR) a global challenge.
 - AMR occurs when microorganisms (bacteria, viruses, fungi, parasites) develop resistance to antibiotics and antivirals, making infections harder to treat and easier to spread.

NDM-1 Gene

- NDM-1 is a gene found in certain bacteria that enables them to produce an enzyme called New Delhi metallo-beta-lactamase.
- This enzyme makes the bacteria resistant to many powerful antibiotics, including some of the lastresort drugs.



Read More: India's AMR Crisis

China to Retain 'Developing Status' but Forgo WTO Benefits



Source: TOI

China announced it will no longer seek **Special and Differential Treatment (SDT)** in future **World Trade Organisation (WTO) agreements**, though it will retain its **developing country status**.

• China , now the world's second-largest economy at USD 19 trillion , has grown from USD 1.3 trillion since joining the WTO in 2001 .

WTO Developing Nation Status

- **Self-Declaration:** WTO lacks an official definition of **developing or developed** nations; members self-designate their status, though others can **challenge** if benefits are misused.
 - Self-declared developing country status at the WTO does not guarantee benefits under unilateral

schemes like Generalized System of Preferences (GSP) .

- China's decision to forgo SDT is voluntary, not imposed .
- It will retain its developing country status and past rights, while projecting itself as a responsible
 major developing country ready to accept stricter trade obligations to reinforce multilateralism.
- Significance of the Status: SDT provides developing and least-developed countries with greater flexibility in meeting obligations, such as longer timeframes, preferential treatment, technical assistance, and exemptions.
 - It is designed to promote equity in trade rules by acknowledging the varying capacities of member countries.
- Implications: This move breaks a major negotiating logiam by sidestepping the contentious developed vs. developing debate, potentially unlocking progress on new trade agreements.
 - This development allows India to advocate WTO reforms distinguishing large middle-income from low-income developing nations, and to push for clear, fair criteria for SDT to end "self-designation" ambiguities.



Read More: Developing Country Tag to China: WTO