

# Antibiotic Resistance in Bacteria



**Dr. D. Bindu**



**Aksharaa Books**

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*in association with*

**Sree Balaji Medical College & Hospital**

**Bharath Institute of Higher Education & Research (BIHER)**

Chromepet, Chennai - 600044, Tamilnadu, India



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**Dr. D. Bindu**

*Department of Microbiology  
Sree Balaji Medical College & Hospital  
Chromepet, Chennai, India*



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- Talk to your patients about how to take antibiotics correctly, antibiotic resistance and the dangers of misuse.
- Talk to your patients about preventing infections (for example, vaccination, hand washing, safer sex, and covering nose and mouth when sneezing).

### **Healthcare industry**

To prevent and control the spread of antibiotic resistance, the health industry can:

- Invest in research and development of new antibiotics, vaccines, diagnostics and other tools.

### **Agriculture sector**

To prevent and control the spread of antibiotic resistance, the agriculture sector can:

- Only give antibiotics to animals under veterinary supervision.
- Not use antibiotics for growth promotion or to prevent diseases in healthy animals.
- Vaccinate animals to reduce the need for antibiotics and use alternatives to antibiotics when available.
- Promote and apply good practices at all steps of production and processing of foods from animal and plant sources.
- Improve biosecurity on farms and prevent infections through improved hygiene and animal welfare.

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Ph. 044 - 45080083. Cell: 9282134542

E-mail: murali.aks@gmail.com

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