

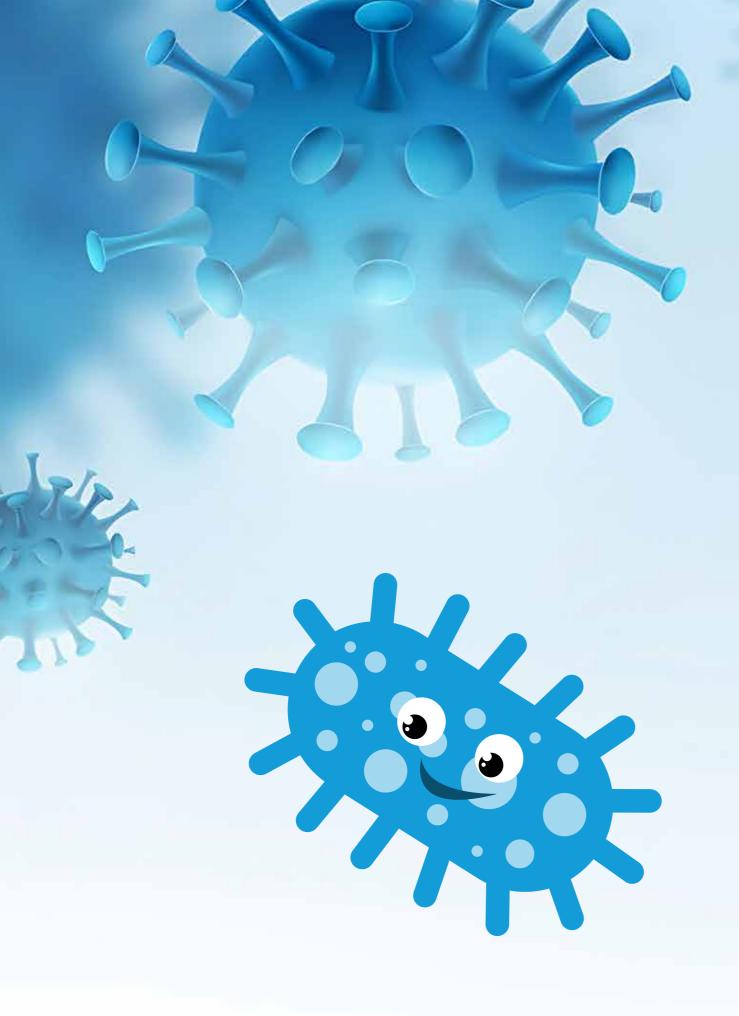




AMRU: Antimicrobial Resistance and Usage

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Iravane Developed this
Material in Collaboration
with the Indian Council of
Agricultural Research—Central
Institute of Fisheries Education
(CIFE) in Mumbai

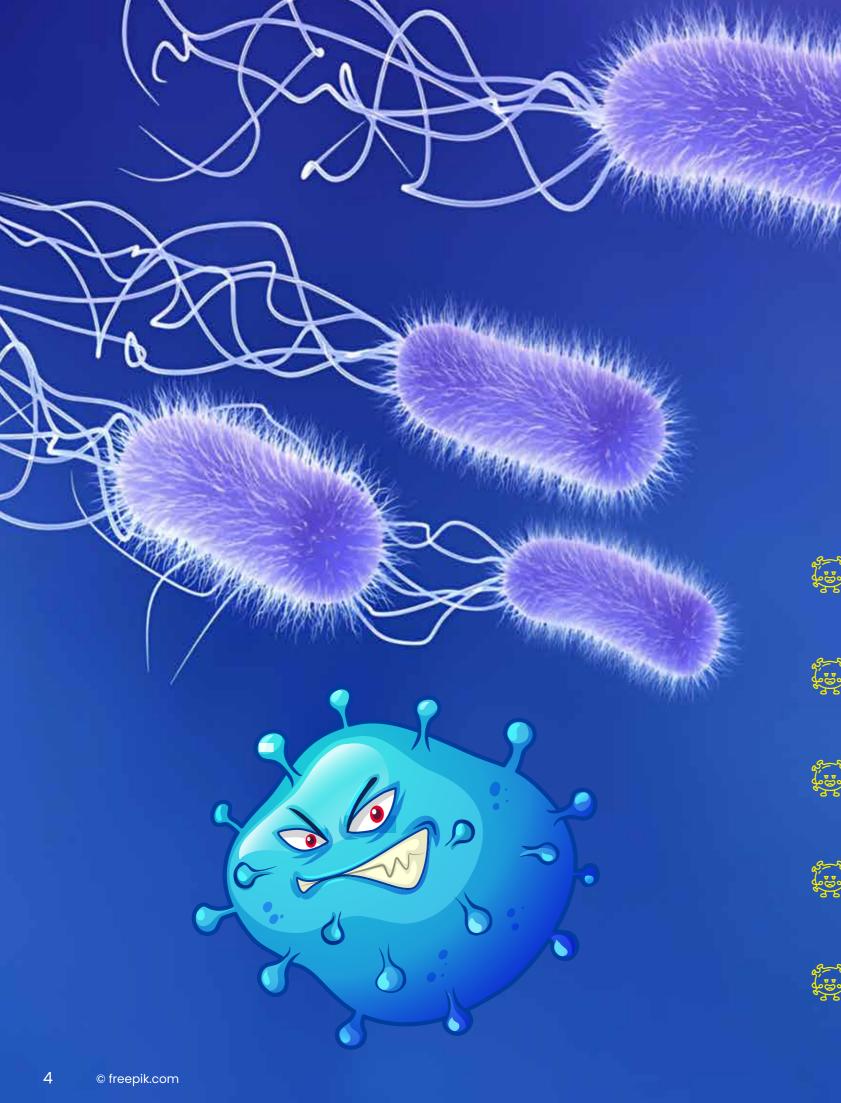
AMRU: ANTIMICROBIAL RESISTANCE SUSAGE



I am AMRU Your Friendly Bacteria (Germ)

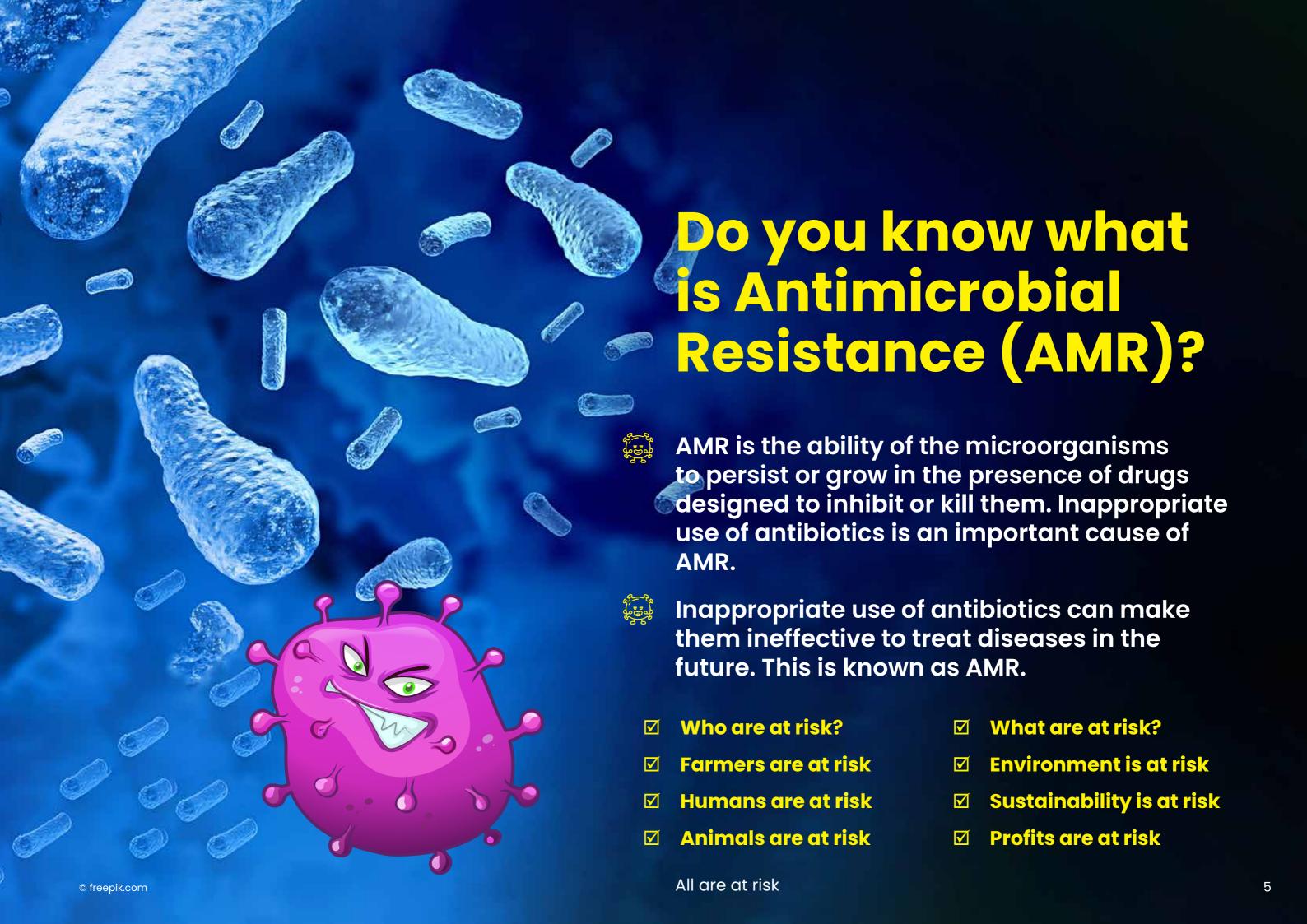
- I am your friend and guide
- I help you manage your farm sustainably
- Adopt good farm management practices
- To keep your goals bright
- But if the disease strikes
- Use antibiotics only on doctor's advice
- Long term profits are more important than short term gains
- Mantra to success is responsible use of antibiotics

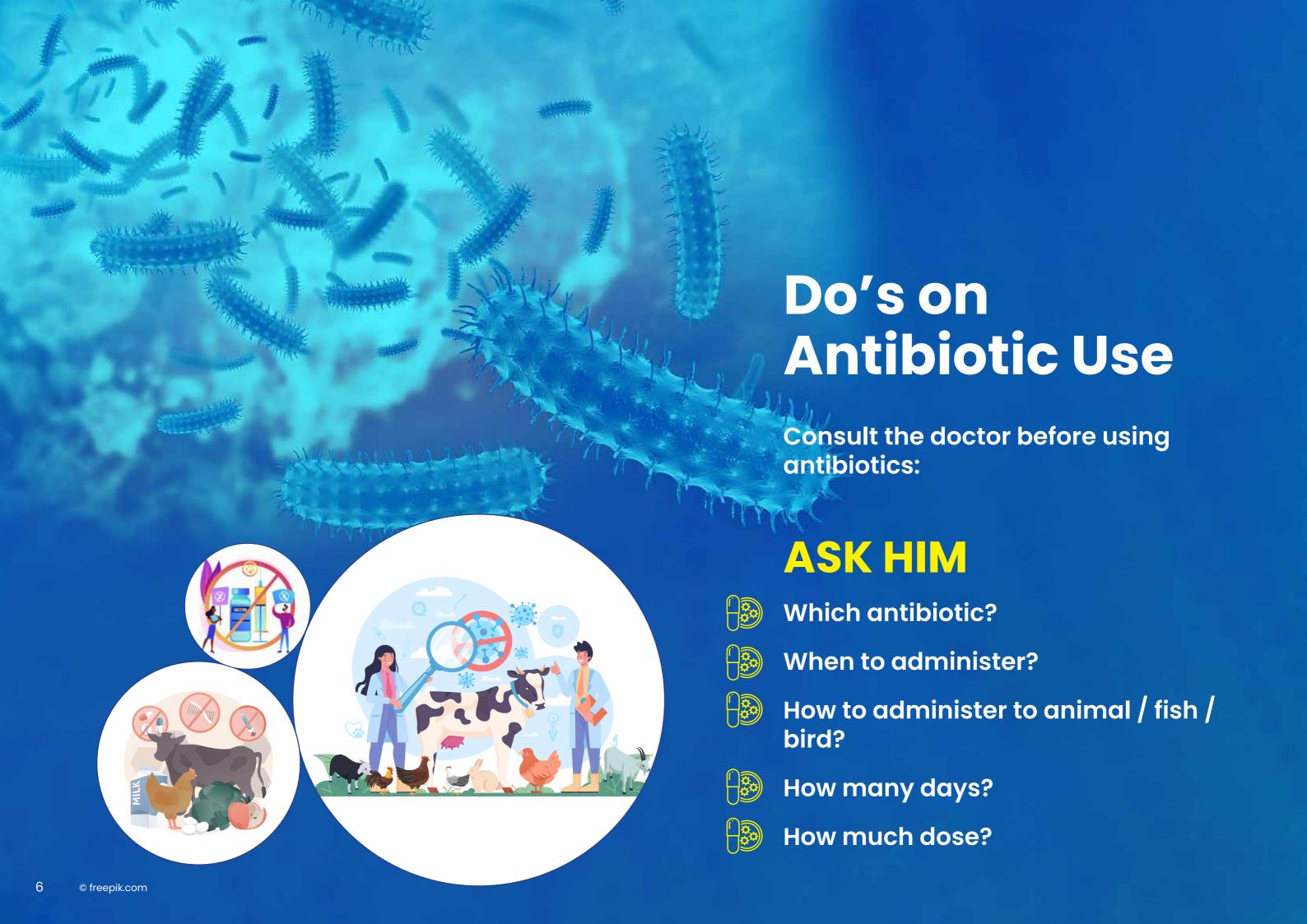
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Listen to What I Have to Say..

- Diseases are caused by bacteria, viruses, parasites and fungi
- Antibiotics are the medicines that destroy only bacteria
- Antibiotics will NOT cure diseases caused by viruses, parasites and fungi
- Consult a doctor before administering antibiotics
- Use antibiotics responsibly and be a smart farmer















Do's in a Farm (Indoor)

Maintain Personal hygiene

Sanitize hands frequently

Segregate diseased animals / birds / fish

Detect early signs of disease and consult doctor

Transport the feed to the young flock first, then to the older flock.











What Happens when you Indiscriminately use Antibiotics?

- First you use one antibiotic, when this does not work you use the second one, then the third and so on. One day no antibiotics will work and there will be antibiotic resistance.
- Instead, first you should use 'lower class of antibiotic' to treat a disease.
- When this does not work you use 'medium class of antibiotic'
- When the 'medium class of antibiotic' does not work, finally you use 'higher class of antibiotic'
- You keep incurring more and more costs, resulting in fewer profits.
- One day even the 'higher class of antibiotic' may not work and there will be antibiotic resistance.
- Use antibiotics responsibly



One Health is Important: Misuse of Antibiotics Affects All