

The Gut Microbiota

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Who is living in the gut?

Gut Microbiota

Bacteria

**“Commensal”
Bacteria**

**Pathogenic
Bacteria**

Eucaryotes

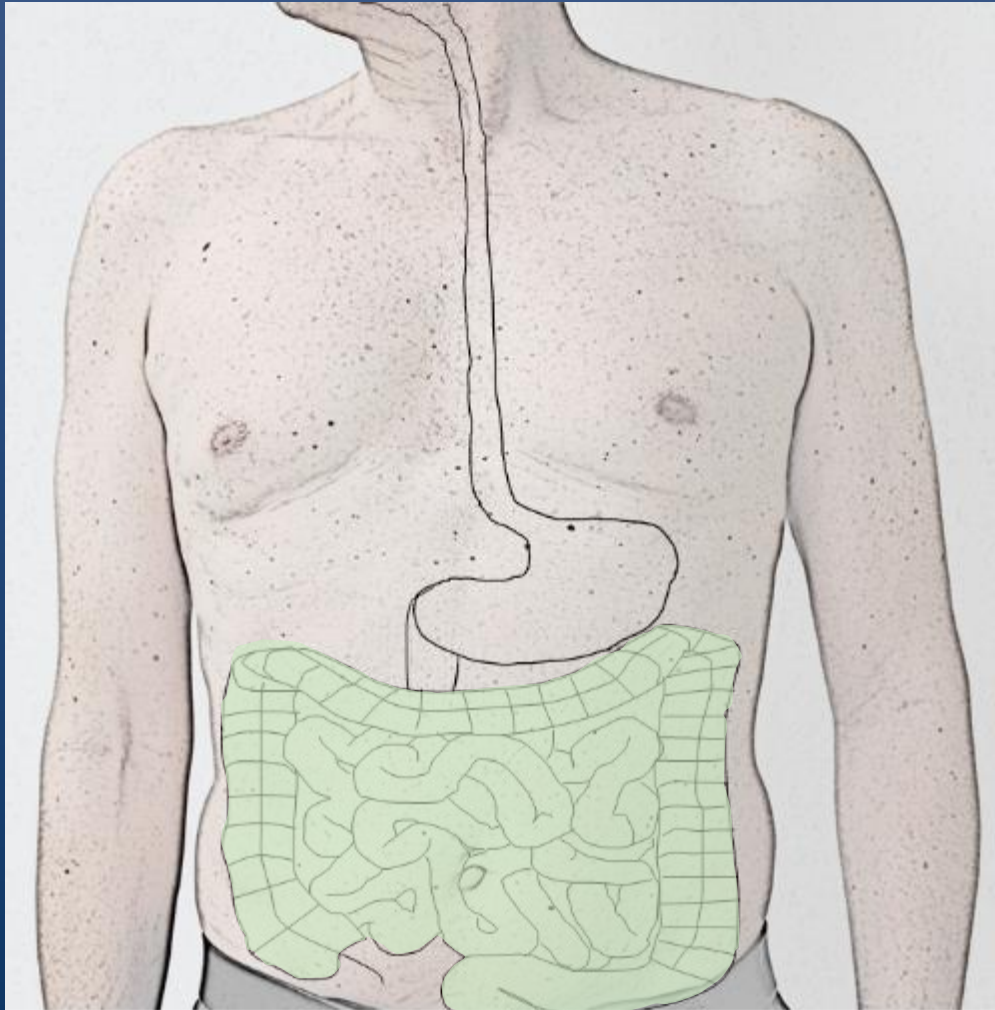
Yeasts

Viruses

**Other
Eucaryotes**

The majority of inhabitants
of the gut are bacteria

The bacterial gut microbiota

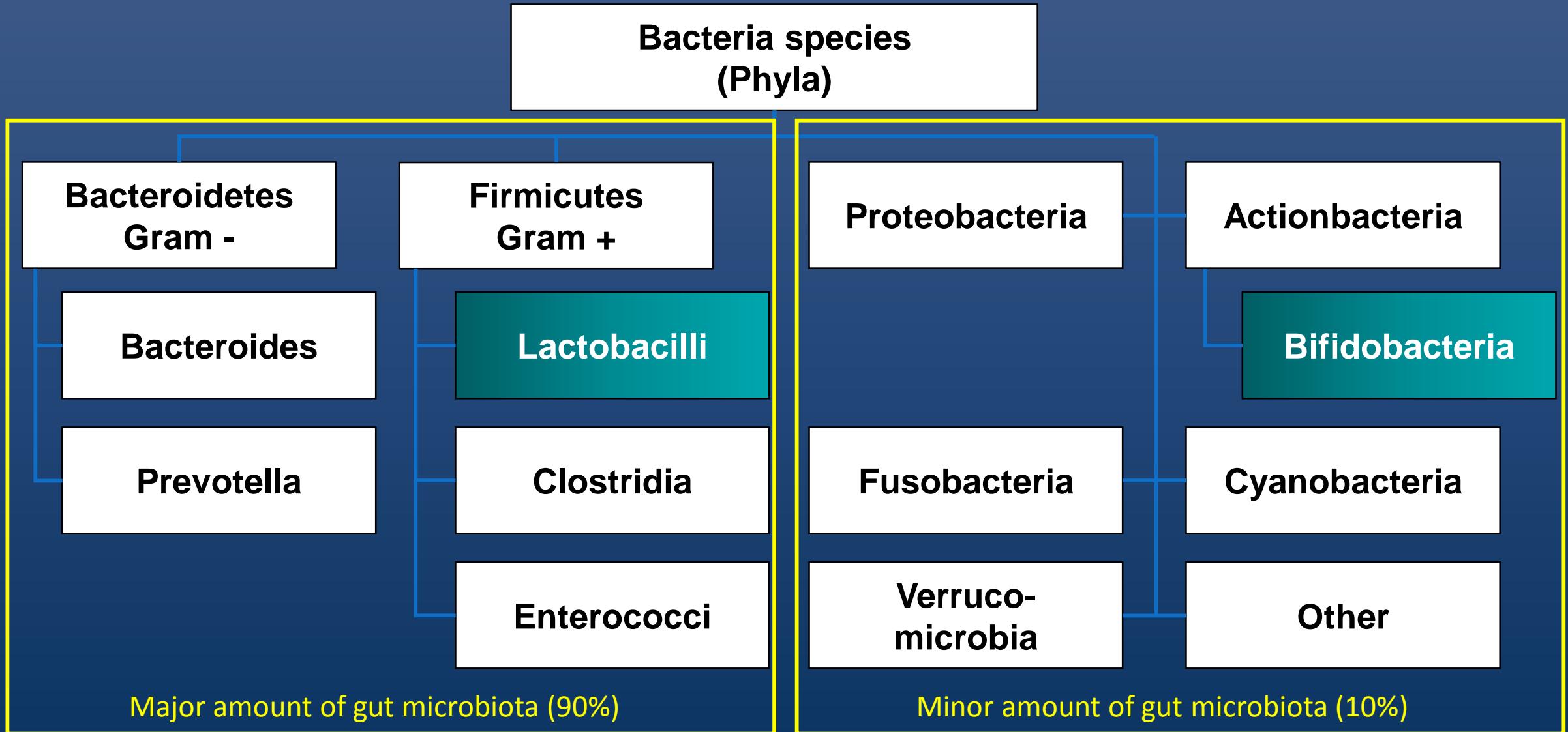


10-times more bacterial cells
than human body cells*

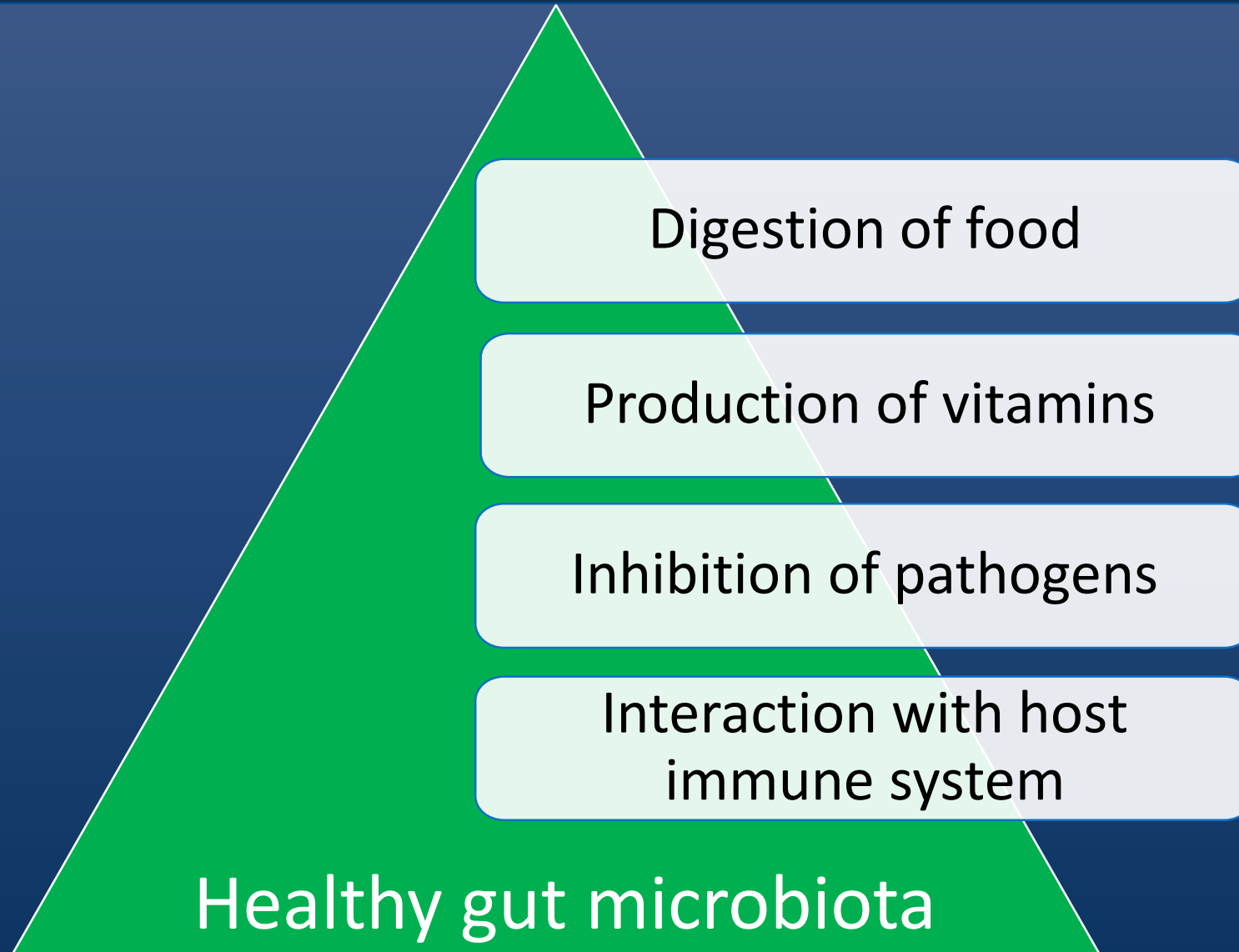
More than 800 different
bacteria species

Accounting for about 1.5 kg
of the body weight

Bacteria species living in the human gut

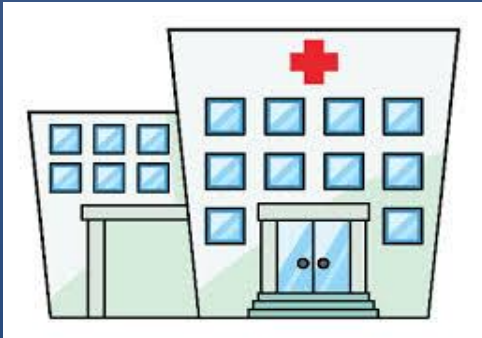


Roles of the Gut Microbiota

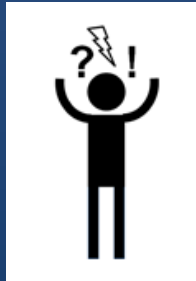


What Can Disturb the Gut Microbiota?

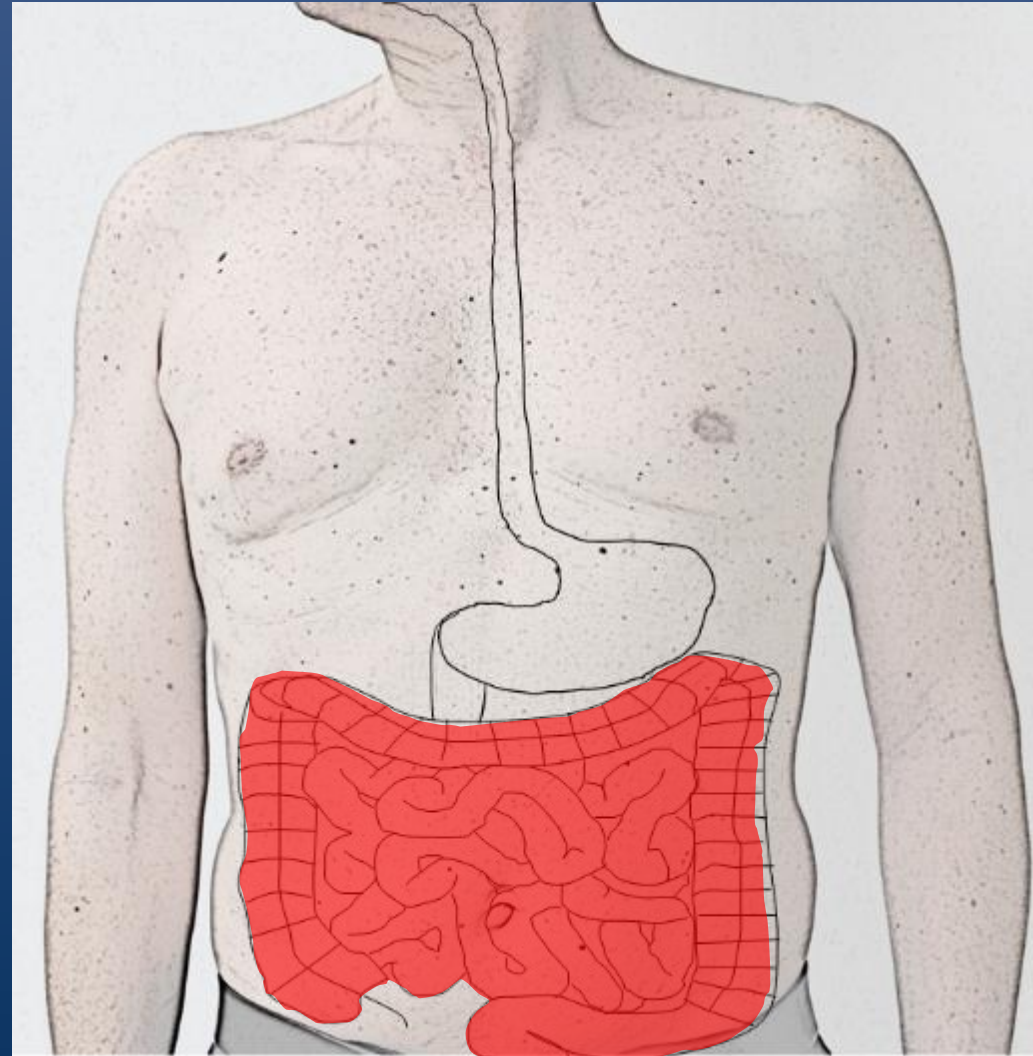
Certain diseases



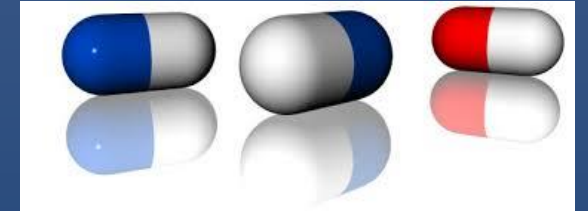
Stress



Age



Antibiotics



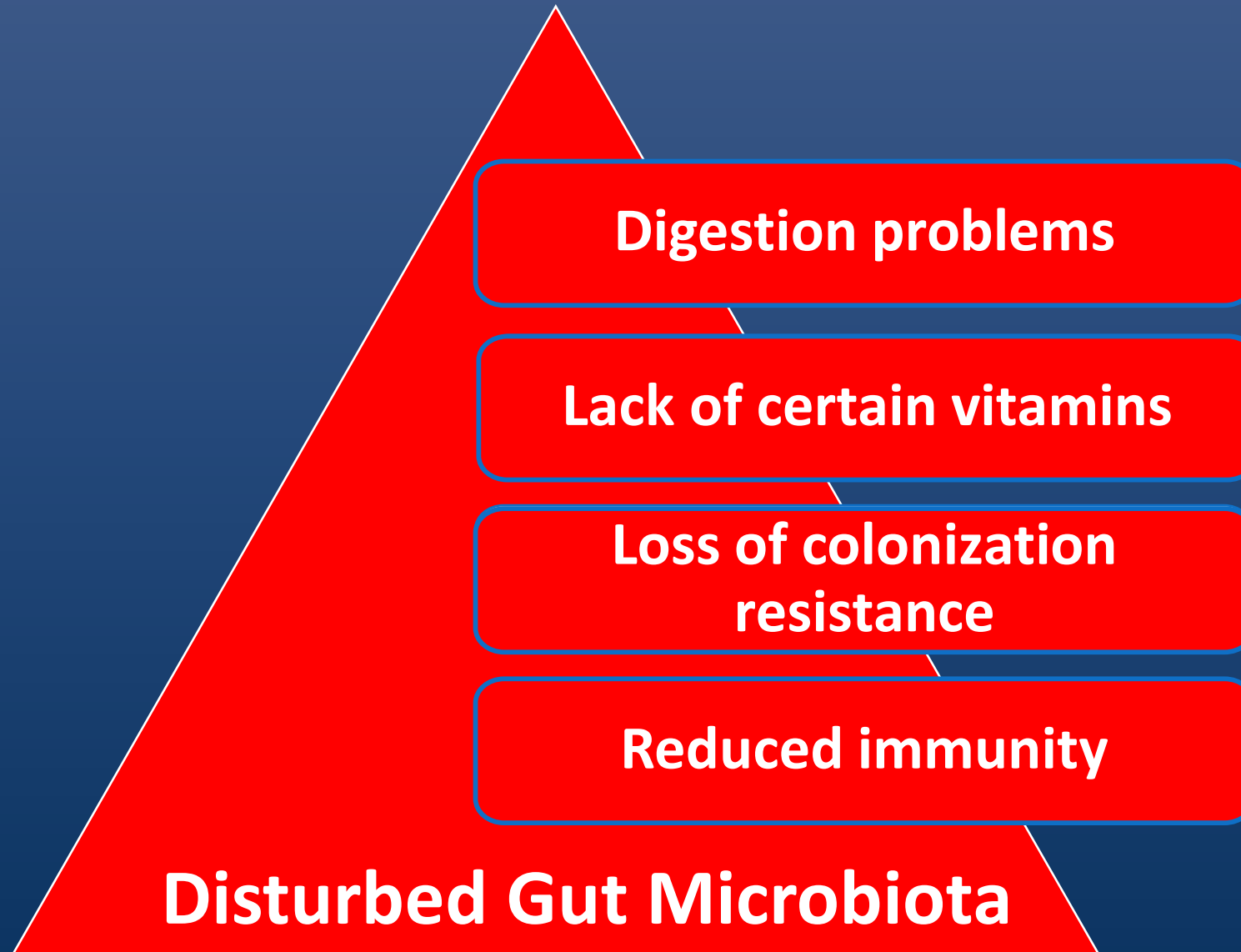
Proton Pump Inhibitors



Cancer Therapies



The Disturbed Gut Microbiota



Questions, Comments & Suggestions



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