More Notes for CW2 From Book.

Helicobacteria pylori causes gastritis 🡪 peptic ulcers (506).

1983: H. pylori found in 50% of population.

Concomitant: naturally occurring (903)

But only 20% of infected individuals will develop symptoms.

Recognized as “definite carcinogen” by Worth Health Org in 1994. (733)

Host-microbiome supraorganism

Personalized drug therapies, tailor-maid products (730)

Probiotics: ingestion of living microbial cultures

“live microorganism which, when administered in adequate amounts, confer a health benefit on the host”

Usually a fermented milk product

Prebiotics: nutrients (753)

How to preserve resistance?

Administers w/compounds to thwart resistance mechanisms

“Combination therapy”

Lower pr of virus developing resistance to multiple drugs (862)

Developing new analogs is most cost efficient than discovering new drugs

Could be assisted by computer based methods by “maximizing molecular binding in a virtual environment” (861)