

# Gastroenterology seminar

## Questions

1. Name 3 causes of gastroesophageal reflux disease (GERD). What is the mechanism of esophageal mucosa damage in GERD?
2. What are the molecular mechanisms responsible for the damage to the stomach and duodenum mucosa in patients with *Helicobacter pylori* infection?
3. What complications do you expect in patients treated for peptic ulcer disease or GERD with the use of inhibitors of hydrochloric acid production?
4. What are the four major mechanisms of diarrhea? Give examples.
5. What are the pathophysiological consequences of hepatic function failure?
6. What are the pathophysiological consequences of exocrine pancreatic insufficiency?

### BONUS:

7. What are the mechanisms to remove ethanol from the organism? What is the effect of intense physical activity on the metabolism and excretion of alcohol?