## Secrezioni: Bocca

## Secrezioni del tratto gastrointestinale

#### Muco

- 1. Lubrificazione e protezione
  - 2. Adesione
    - 3. Contatto e scivolamento
      - 4. Adesioni di particelle fecali
        - 5. Resistenza alla digestione
          - 6. Tampone

#### Saliva

- 1. Lavaggio
  - 2. Antibatterico (ioni tiocianato e lisozima)
    - 3. Anticorpi
      - 4. Sete
        - 5. Scorrimento degli alimenti

Saliva pH 6-7.4 (ptialina)

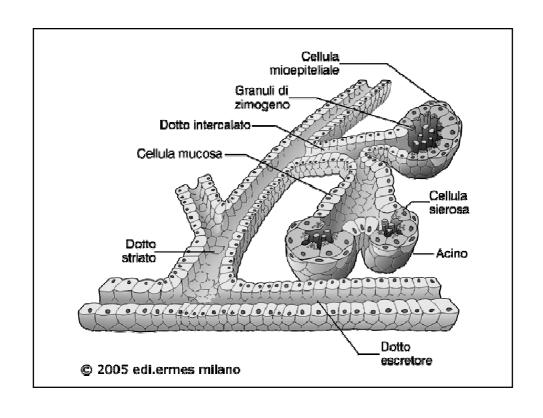
Secrezione sierosa: Ptialina ( $\alpha$  - amilasi)

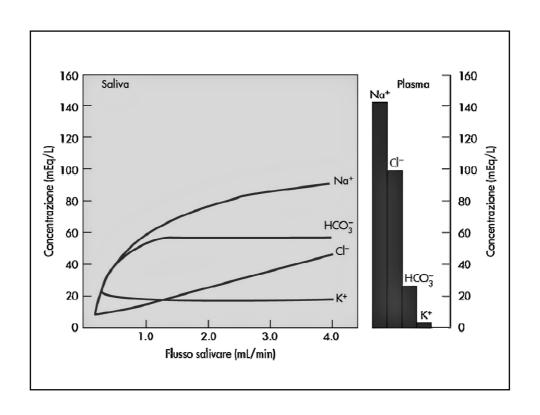
Secrezione mucosa: Mucina

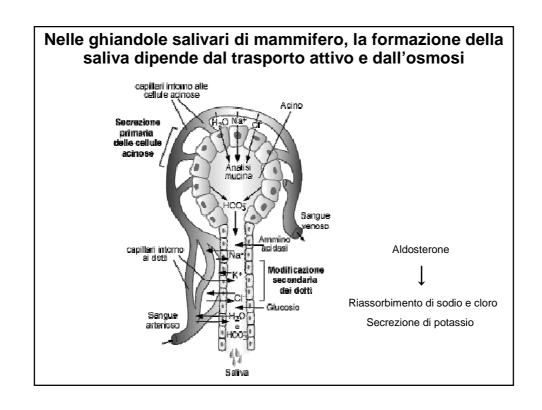
La xerostomia

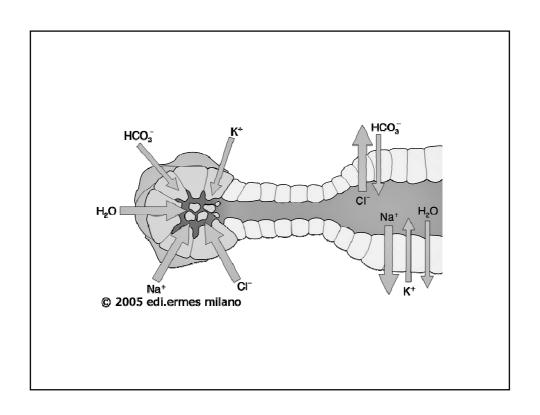
#### Altre sostanze presenti nella saliva

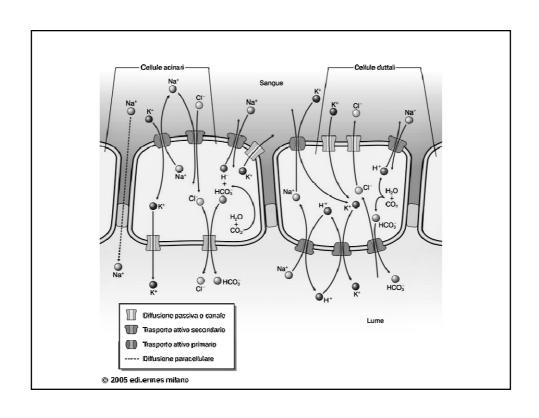
- Sostanze tampone
- **❖** Ca<sup>2+</sup>
- Muramidasi (lisozima)
- ❖ Lattoferrina
- Glicoproteina legante le IgA
- EGF (epidermal growth factor)
- ➤ Lipasi linguale
- > Proteina R

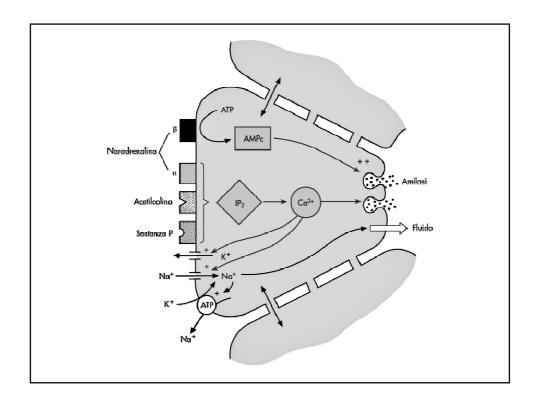


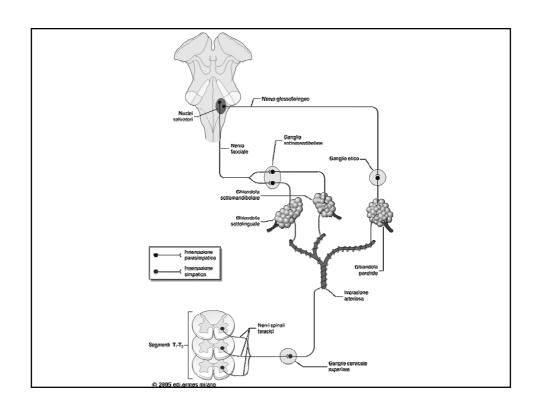


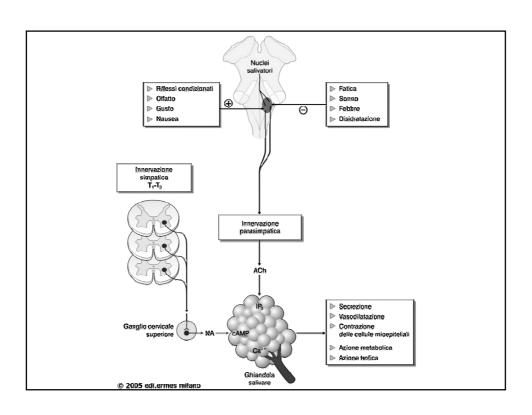


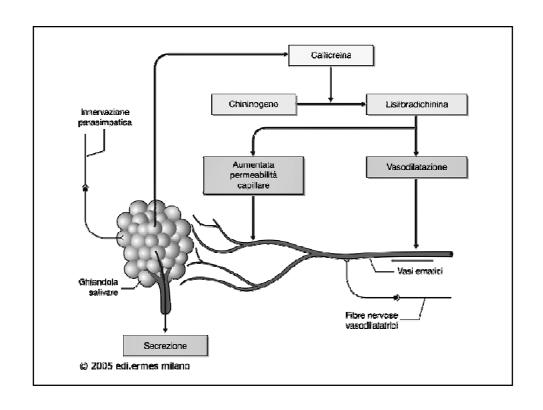




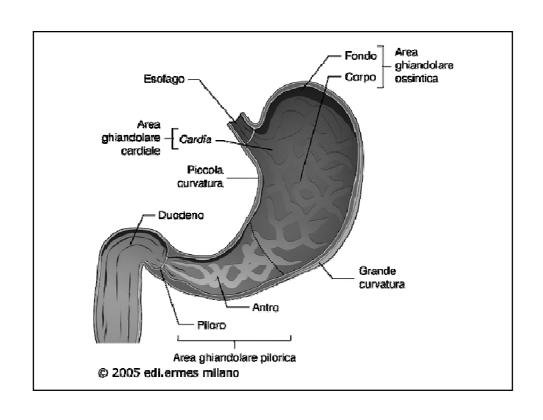


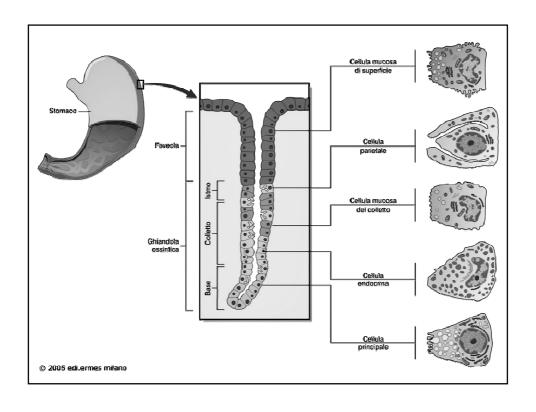




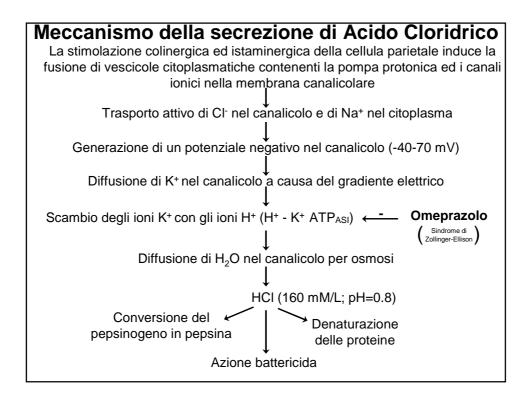


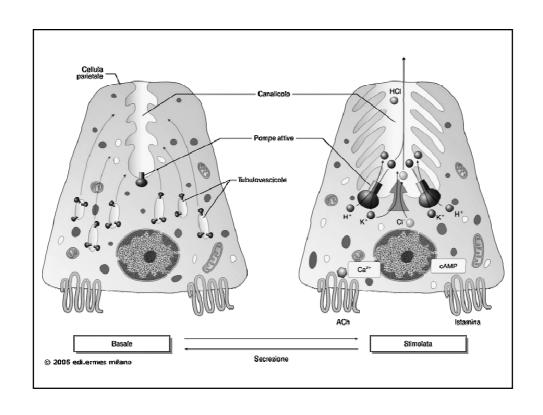
# Secrezioni: Stomaco

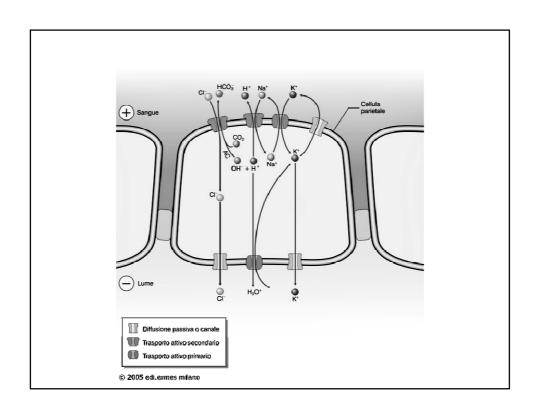


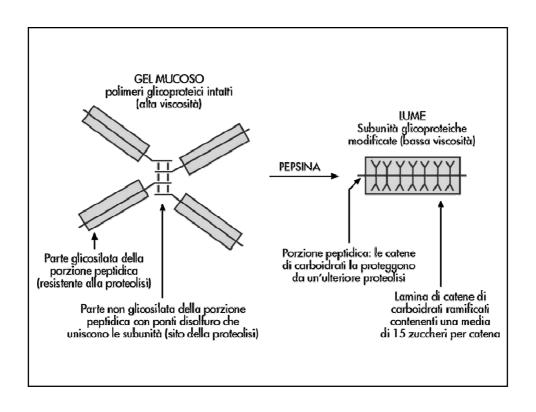


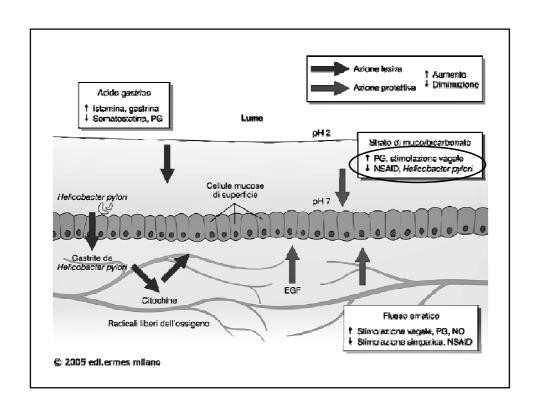


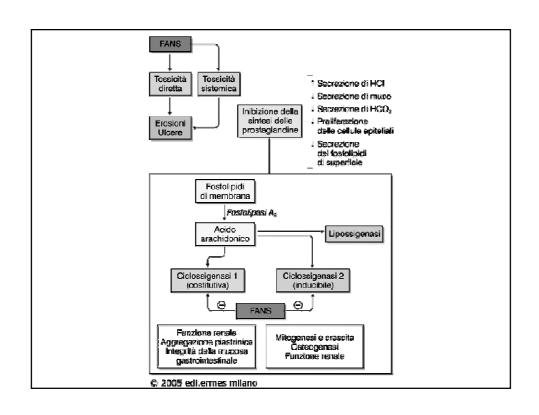


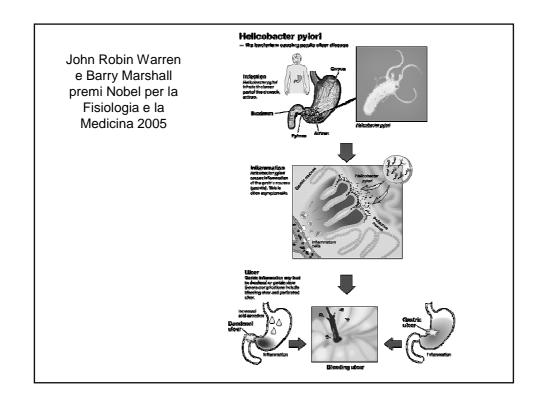


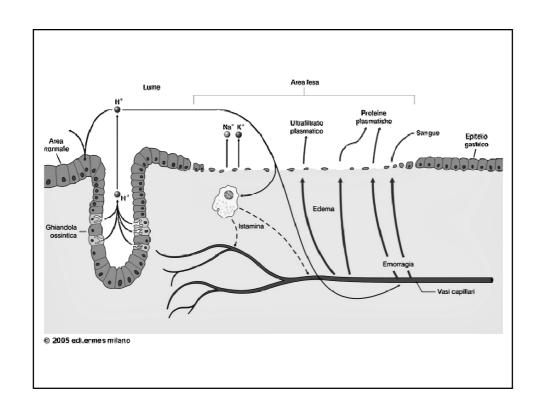


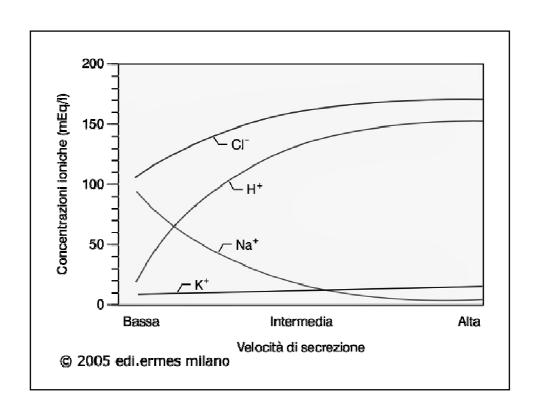


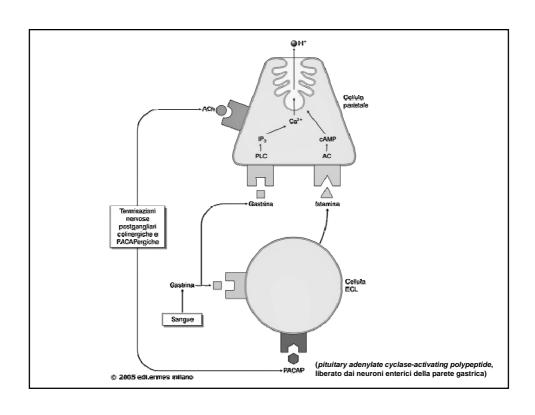


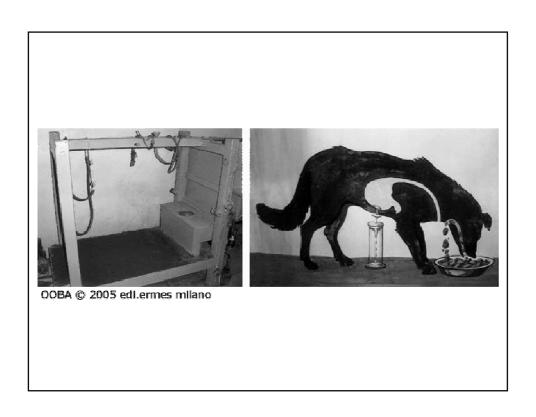


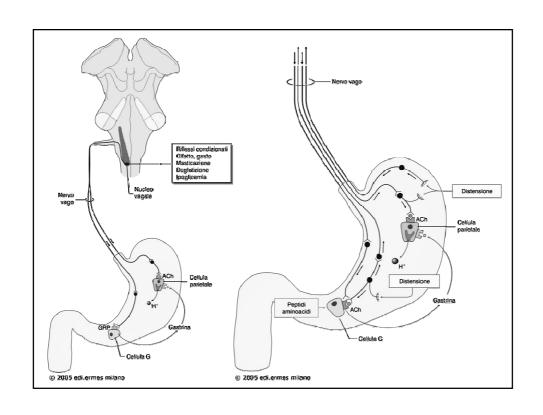


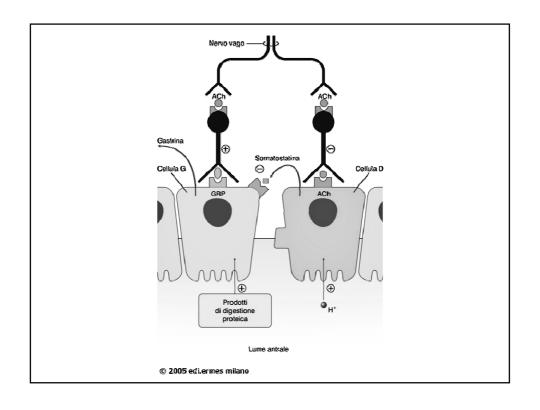


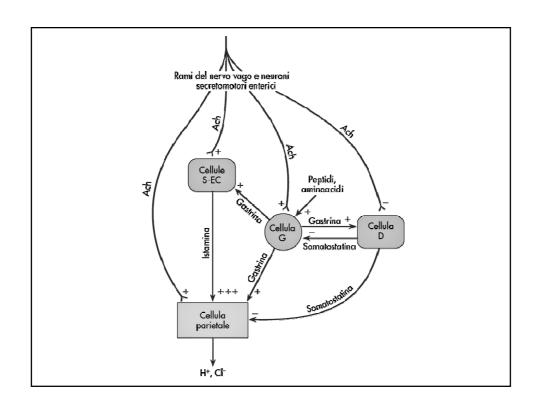


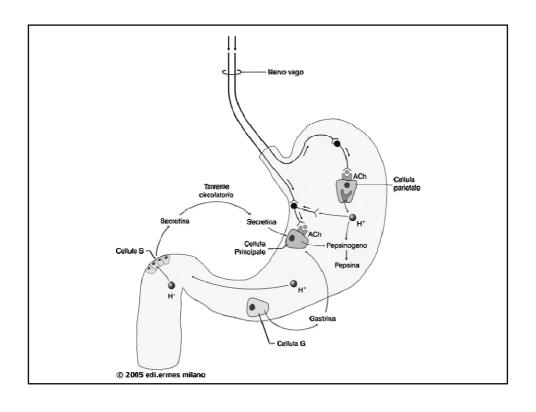


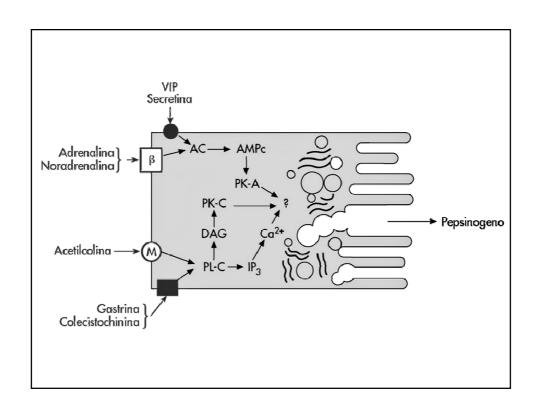


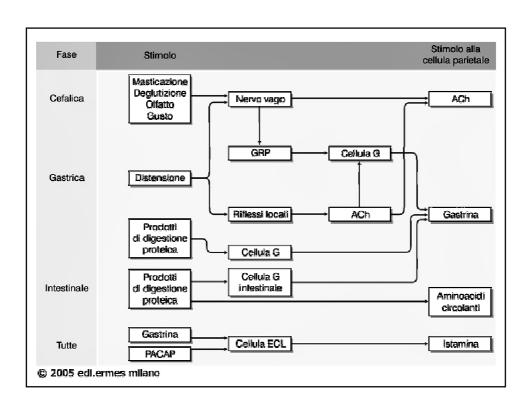




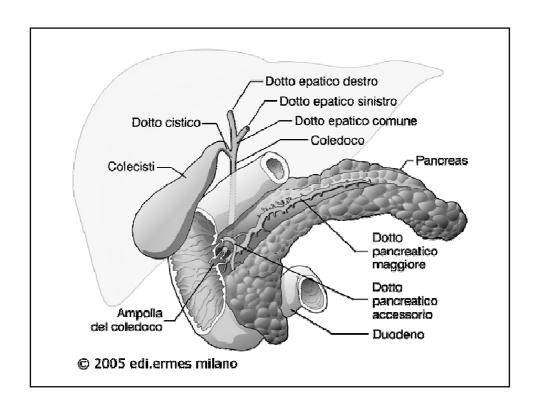


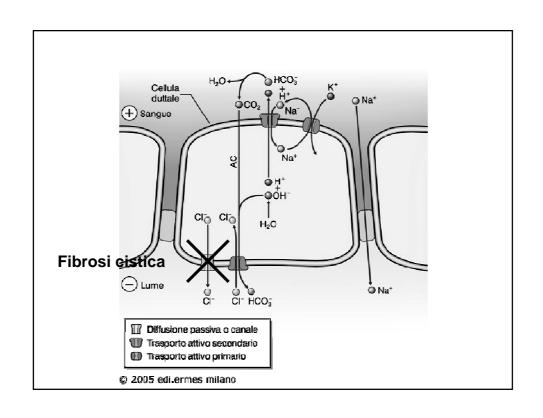


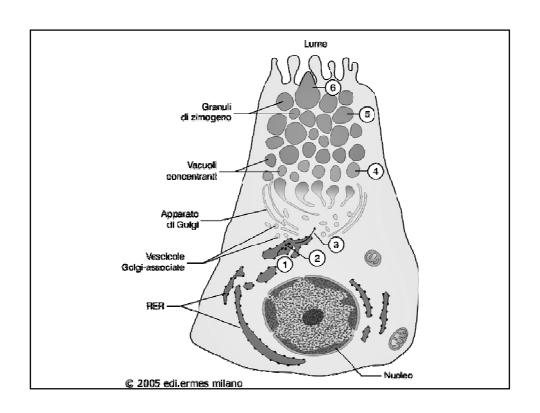


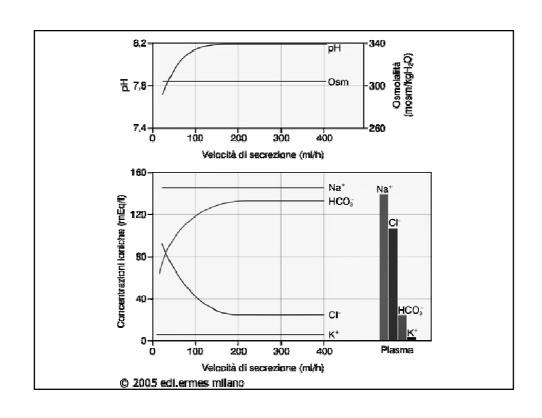


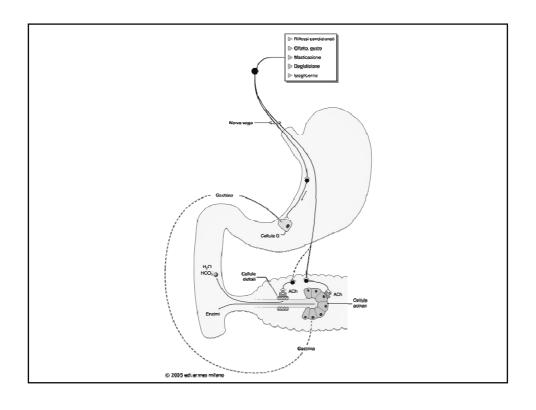
# Secrezioni: Duodeno

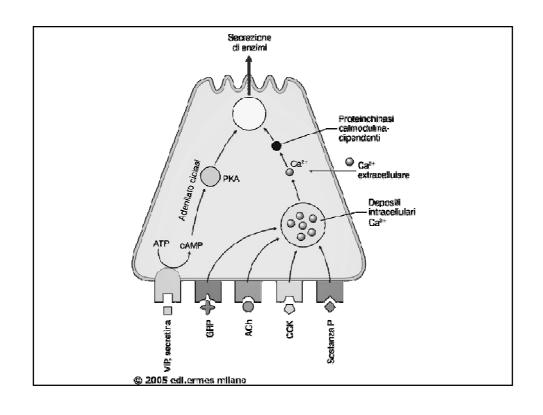


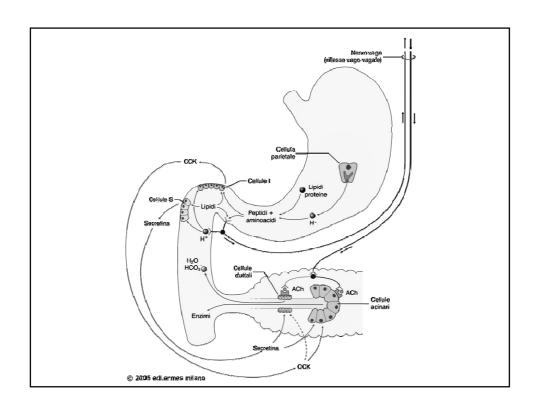




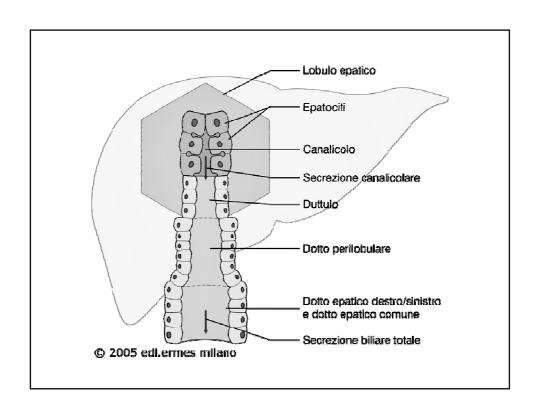








## Secrezioni: Bile



### Componenti della bile

- Acqua (80%)
- Acidi biliari (10%)
- Fosfolipidi (4%)
- Colesterolo (1%)
- Pigmenti biliari (0.5%)
- Ioni inorganici

