Chief cells - pepsinogen
G-cells - gastrin
Enterochromaffin cells - histamine
Mucous cells - mucous

If no food arrives - negative feedback kick in otherwise digest own stomach

Gut motility in stomach

Receptive relaxation
- Accommodates vol w/o change in press
- Vago-vagal reflex activated by relax. (fundic region of stomach) Of lower oesophageal sphincter & gastric distention

Mixing and retropulsion
- Mix food mat w/ gastric secretions -> chyme - liquid in stomach
- Gastric slow waves sweep from pacemaker region toward pylorus
- Retropulsion against closed pyloric sphincter
- Excitatory: acetylcholine (vagus), gastrin
- Inhibitory: symp nerves

Gastric emptying
- Movement chyme -> duodenum at controlled rate - can't cope w/ too much food
- Changes in sphincter tone - regulate tone
- Rate dependent on food composition & vol
- Inhibitory: CCK, secretin, GIP, enterogastric reflexes - fatty food stays longer in stomach - activate cck

Migrating myoelectric complexes (MMC)
- Wave of electrical act from 4-5 hrs after last meal
- Mediated by motilin release from upper intestines - activates electrical wave
- Movement air & fluid through stomach & intestines
- House-keeping mechanism - clear debris & prevent colonic bact entering ileum - create one direction movement of what's left over
- Borborygmus
  - Rumbling/ gurgling noise made by movement fluid & gas in intestines - sweep bact back -> large intestine