

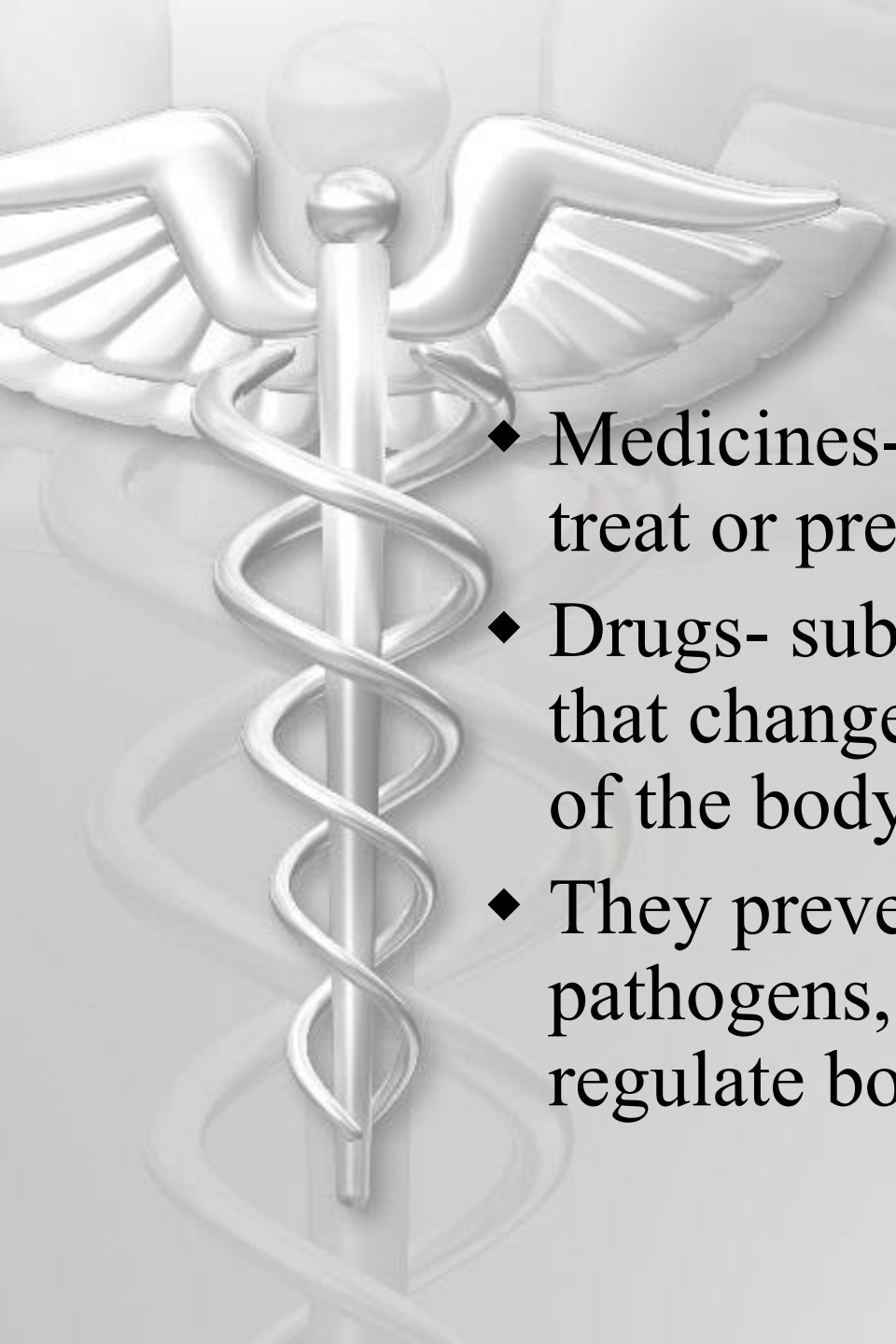


Medicines and
Drugs
pp. 584-619



The Roles of Medicines pp.586-591

Medicines promote health,
treat, and prevent disease.



Classifications of Medicines

- ◆ Medicines- drugs that are used to treat or prevent disease.
- ◆ Drugs- substances other than food that change the structure or function of the body or mind.
- ◆ They prevent disease, fight pathogens, relieve pain, or help regulate body processes!



Medicines that fight Pathogens

- ◆ Antibiotics- Kill bacterial or do not allow them to reproduce.
- ◆ Antiviral- suppress the virus, don't kill it.
- ◆ Antifungal- kill or suppress fungi like athletes foot
- ◆ Analgesics- pain relievers



Medicines that promote health

- ◆ Allergy medicines- antihistamines
- ◆ Body-regulating medicines- insulin for diabetes
- ◆ Antidepressants- help regulate brain chemistry
- ◆ Cancer treatment meds- reduce rapid cell growth



Medicines of the body

- ◆ Side Effects- reactions to meds other than the intended ones.
- ◆ Additive interaction-medicines work together in positive ways
- ◆ Synergistic interactions- one medicine increases the strength of another
- ◆ Antagonistic effect- one medicine cancels out the other



Other Problems...

- ◆ Tolerance- the body becomes used to the effect and may be less effective.
- ◆ Withdrawal- stop using a drug that the body has become dependant on



Medicine Misuse

- ◆ Giving a med to a person who it was not prescribed to or taking someone else's meds.
- ◆ Taking too much or too little or longer than intended
- ◆ Mixing meds.
- ◆ Stopping a med without talking to your doctor