

| | | |
|----------------------------------|------------------|------------------------------------|
| د.م.د/منى الاعصر د/أمل سليمان | كيمياء عقاقير- ١ | الصيدلة الإكلينيكية المستوى الثاني |
|----------------------------------|------------------|------------------------------------|

الموضوعات:

- 1- Chirality and stereo-isomers of sugars.
- 2- Deoxysugars (6-deoxyhexoses and 2,6-dideoxyhexoses).
- 3- Sugar alcohols (Distribution, preparation, structures and uses).
- 4- Lactose and lactose derivatives.
- 5- Non-reducing sugars.
- 6- Cyclodextrins and dextrans (Sources, structures and applications).
- 7- Chitin and chitosan.
- 8- Bitter principles of *Ammi visnaga* and *Ammi majus*.
- 9- Menthol and menthone vol. oils (sources, chemical structures, isolation, recent uses, identification and quantitative determination).
- 10- Dihydric phenolic ether vol. oils (sources, chemical structures, isolation, recent uses, identification and quantitative determination).
- 11- Eucalyptus vol. oil (chemical structures of constituents, recent uses and application in aromatherapy).
- 12- Lavender vol. oil (chemical structures of constituents, recent uses and application in aromatherapy).
- 13- Ylang ylang vol. oil (chemical structures of constituents, recent uses and application in aromatherapy).
- 14- Geranium vol. oil (chemical structures of constituents, recent uses and application in aromatherapy).
- 15- Lemon vol. oil (chemical structures of constituents, recent uses and application in aromatherapy).
- 16- Compare between natural and synthetic camphor (method of preparation and pharmacological actions).