

# مقدمة في علم المناعة الطبّي



☐ Slides

☐ PP

☐ Sheet

☒ Other



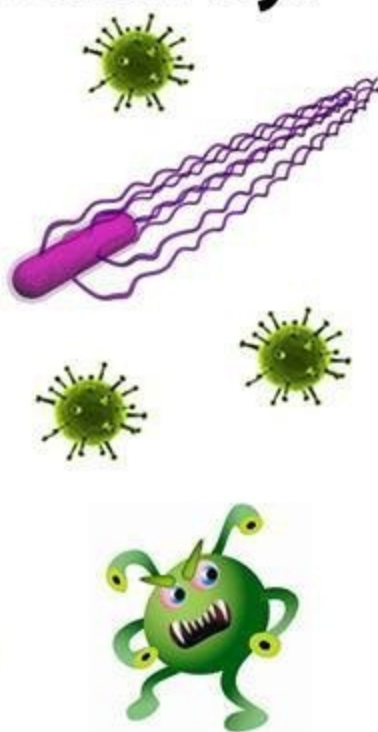
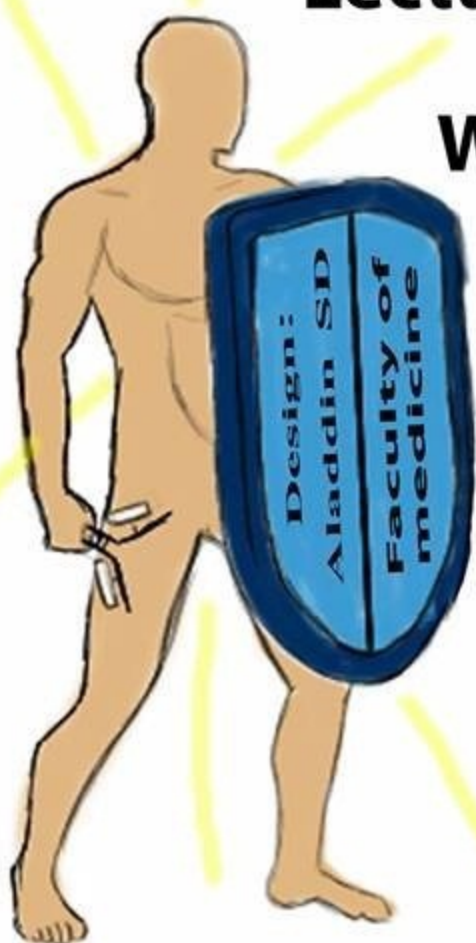
# IMMUNOLOGY

Lec# **4**, Date (29/6 /2014)

**Subject:** Handout # 4

**Lecturer:** Dr. Hassan Abu Al-Raghib 4

**Written by:**

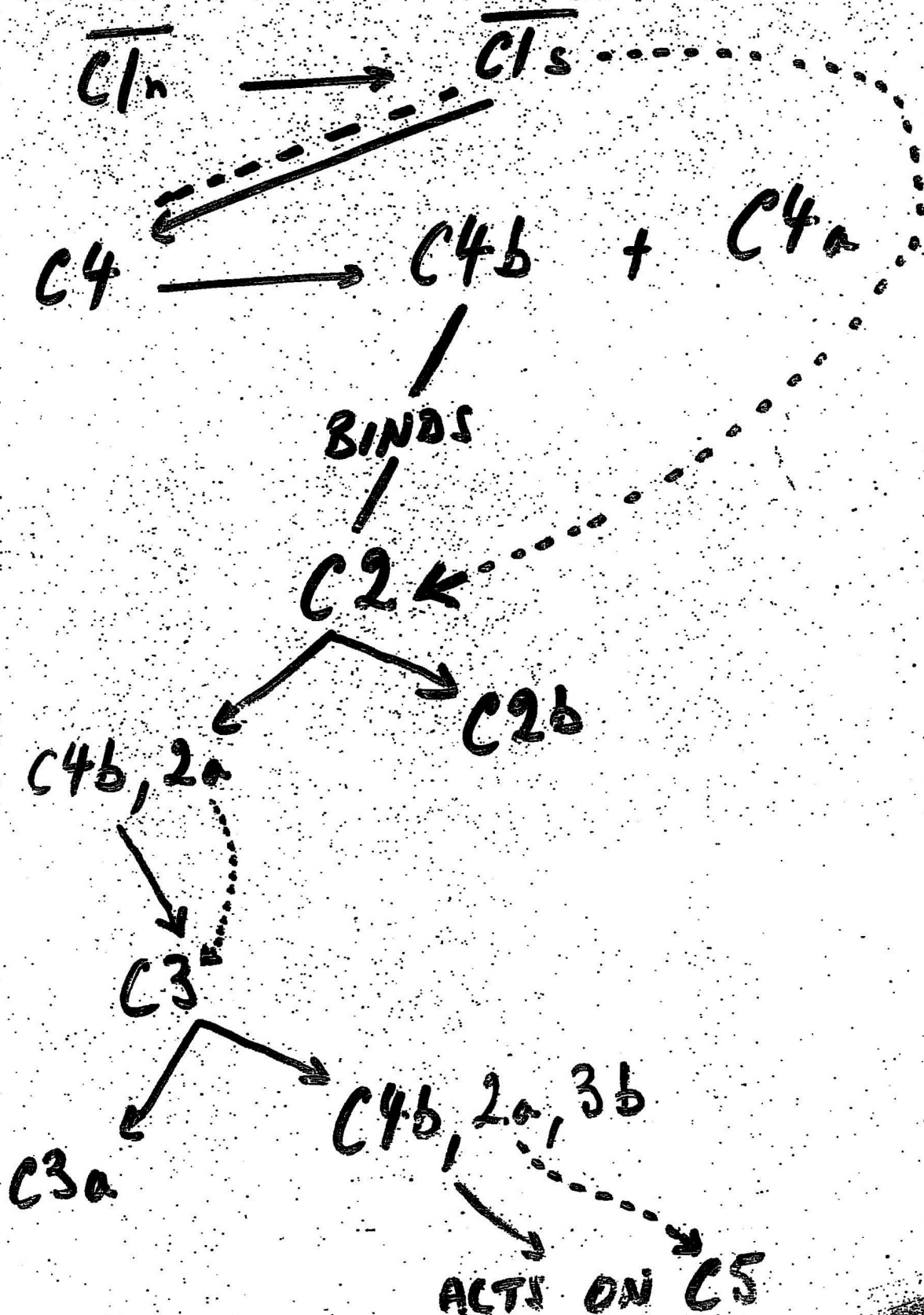


8/7/2014

**Price:**

شّلن

# ~~C1~~ COMPLEX (C1 + I.C.)



CLASSICAL

ALTERNATIVE

C5

C5b

C5a

(BINDS MEMBRANE)

BOUND C5b + C6 + C7

C5b, 6, 7 (HYDROPHOBIC)

+ C8 + C9

C5b, 6, 7, 8, 9

+ MORE C9

C5b6789<sub>n</sub>

n = UP TO 18

(MAC)

C3 — ENZYMES  
HYDROLYSIS  
(TICK OVER) C3b C3\*

FIXED (STABLE)  
BINDS FACTOR B

C3b, B  
FACTOR D

C3b, Bb + Ba

BINDS C3\*

PROPERDIN

C3b  
C3b, Bb, 3b + C3a

ACTS ON C5

AMPLIFICATION  
LOOP