	Day 4 (Immundergy)
	Components of Blood
	Blood
	Plasma Formed Elements
	(55%) (45%)
	· Proteins · Platelets
	· Water Leukocytes
	o Other Solutes Drythrocytes
	(ions, ruterients,
	waste products, gases, rusp. substances)
	SUSP. CUDS/UNCIS)
	Janks Too sand 1000 at 100 to House to
	Leukocytes are of different Kinds. How do we differentiate between them?
	différentiale between them!
	Choter of Differentiation (CD) molecules
	•
0	impositant for différentiating between functional capacities of cells indicators
	capacities of cells - indicators
0	3 molecules associated with T cells
	- The leaving the control of the con
	C
•	
<u>→</u>	conceptor of TCR composed of 6 polypeptides involved in transmemberane signaling and Tcell
7	composed of 6 polypeptides
-	involved in bransmemberane Signalling and I cell

activation

Tells one CD3+- initially expressed in 1

Associated with TCR (1) B cells, granulocytes, macrophages, are all negative 2) NK cells are also CD3 Ove, but express Echain of CD4 e glycoprotein capable of recognising non-peptide. expressed on two-thirds of mature T cells

CD4+T cells are called TH Or helper T cells

helper cells are supposed to send signals to To
cells to destroy infectious pathogen.

member of the immunoglobulin superfamily also presented in monocytes, macrophages l dendritic cells

CDS o transmemberane glycoperatein o two-chain cell surface molecule expressed as a homodimen on a heterodimen oucognises non-peptide binding positions of MHC Class-I molecules. · affinity keeps the To cell and the target pathogen close Together during antigen-specific activation. Note Can be found on NK cells & dendentic cells