

Sources for Blood

Haematopoiesis

- Some basic information on the developmental origin of blood and the circulatory system can be found in Gilbert's book, 'Developmental Biology'.
- Review: Developmental biology of erythropoiesis. Palis et al. (1998) Blood Reviews 12:106-114.
- Some basic information on blood cell types, vessel structure and selectins can be found in Alberts' 'Molecular Biology of the Cell'.
- Review on how different blood cell types arise: S.H.Orkin. 2000. Diversification of haematopoietic stem cells to specific lineages. Nature Rev. 1;57-64. (see me if you want to read this – brand new journal not in library)

Red cell cytoskeleton

- Review on spectrin structure and function: A. Viel and D. Branton 1996. Spectrin: on the path from structure to function. Curr. Op. Cell. Biol. 8; 49-55.
- A heavy weight review on hereditary anemias: P. S. Becker and S. E. Lux 1995. Hereditary spherocytosis and hereditary elliptocytosis. pp3513-3560 in 'The metabolic and molecular basis of inherited disease' ed. C. R. Scriver et al. McGraw Hill Inc. NY. This is in the library, frequently on reserve. A bit clinical in places you could read only pp3516-3534 (7 pages of which are one big table of mutations) and pp3544-3547 for most of what is relevant.
- Summary of α -LELY effects: W. Gratzer. 1994. Human genetics. Silence speaks in spectrin. Nature 372; 620-1

Extravasation

- Review: F. Sánchez-Madrid and M. A. del Pozo 1999. Leukocyte polarization in cell migration and immune interactions. EMBO J. 18;501-511
- Mini-review on WASP action: J. Fawcett and T. Pawson. 2000. N-WASP regulation-the sting in the tail. Science 290;725-726

Immune synapse

- Microreview on T-cell signaling: J. Lin and A. Weiss. T-cell receptor signaling. JCS114/243
- Microreview on integrin signaling: E. Zamir and B. Geiger. 2001 .Components of cell-matrix adhesions. 114;3577-3579

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Antigen presentation

- Review: M. J. Brown and S. Shaw 1999. T-cell activation: interplay at the interface. *Curr. Biol.* 9;R26-R28
- Primer: M. Robertson 1998. Antigen presentation. *Curr. Biol.* 8;R829-R831
- C. R. F. Monks et al. 1998. Three-dimensional segregation of supramolecular activation clusters in T-cells. *Nature* 395;82-85
- Review on integrin signaling: S. M. Schoenwaelder and K. Burridge 1999. Bidirectional signaling between the cytoskeleton and integrins. *Curr. Op. Cell. Biol.* 11;274-286
- Review on GTPase signaling: M. Symons and J. Settleman. 2000. Rho family GTPases: more than simple switches. *Trends Cell Biol.* 10;415-419.