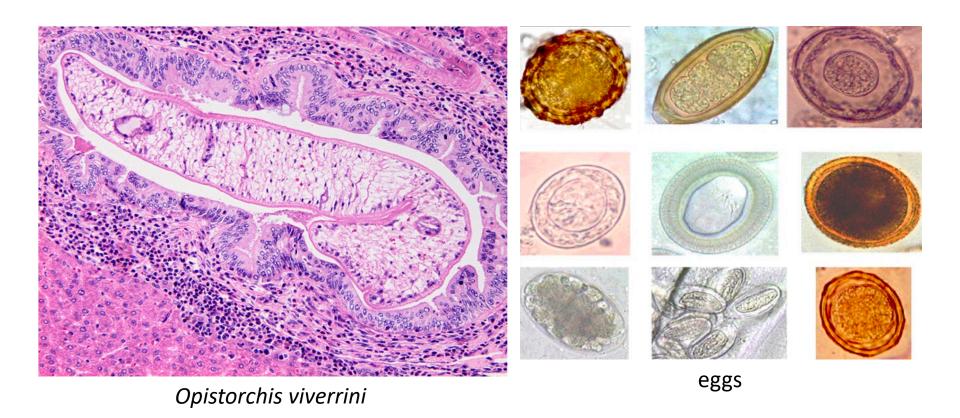
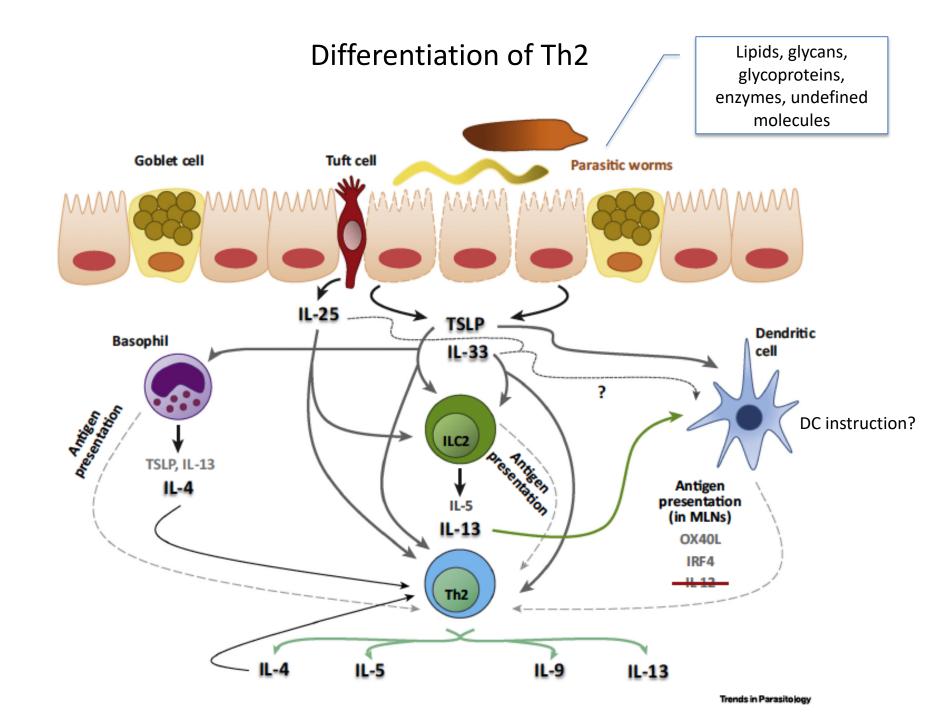
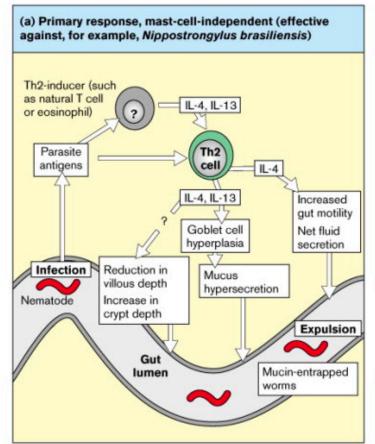
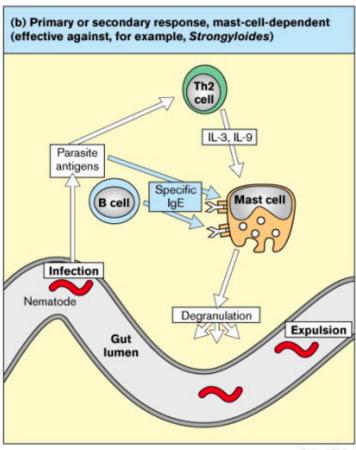
Th2 responses against helminths





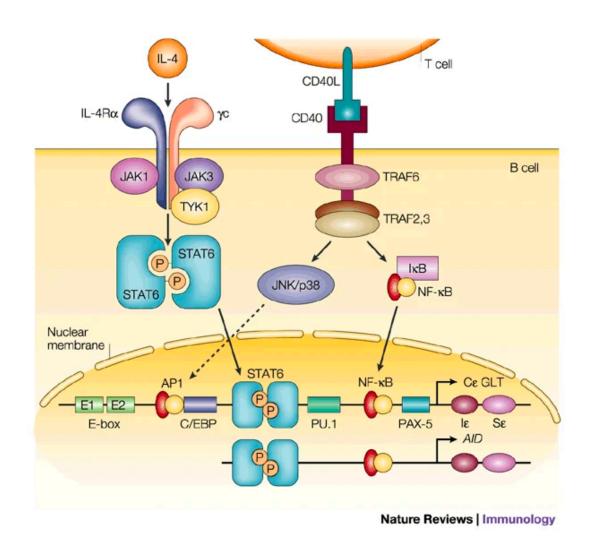
Differentiation of Th2



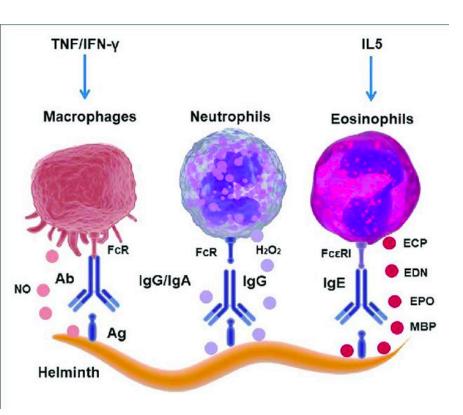


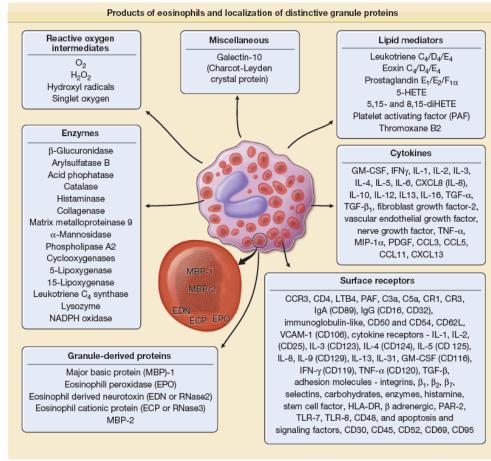
Current Biology

IgE production



Effector mechanisms - granulocytes



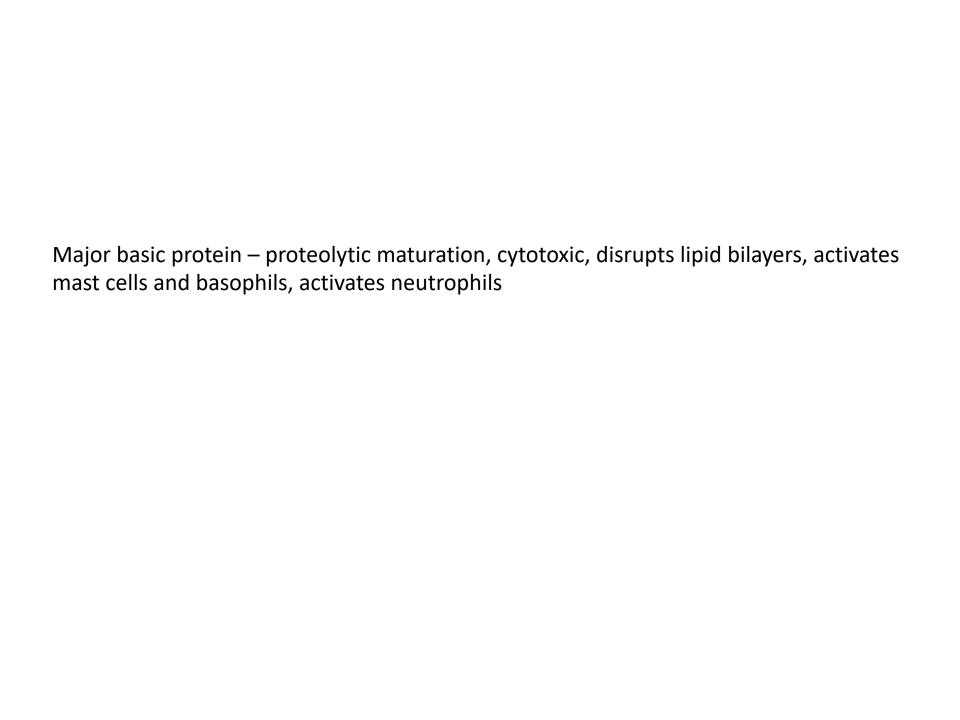


Source: Goldsmith LA, Katz SI, Gilchrest BA, Paller AS, Leffell DJ, Wolff K: Fitzpatrick's Dermatology In General Medicine, 8th Edition: www.accessmedicine.com

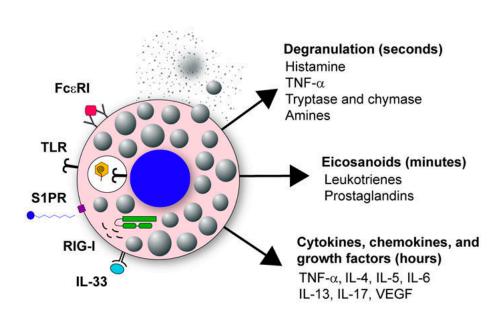
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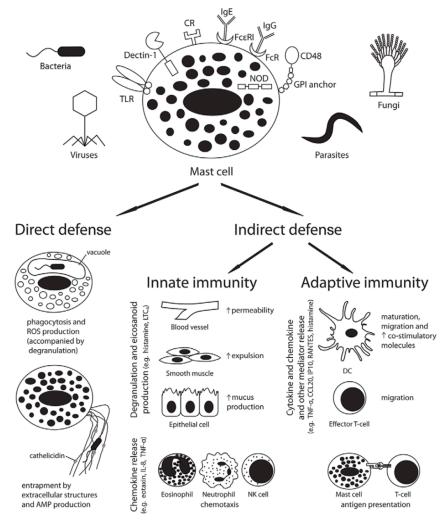
eosinophils

https://www.instagram.com/p/BeQg8fglkpf/
https://www.youtube.com/watch?v=dDn9hFdn7n8

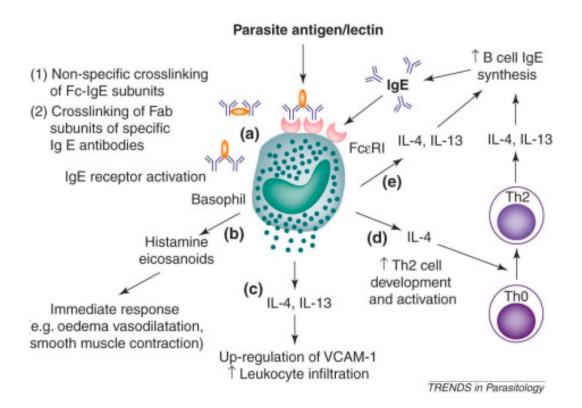


Mast cells

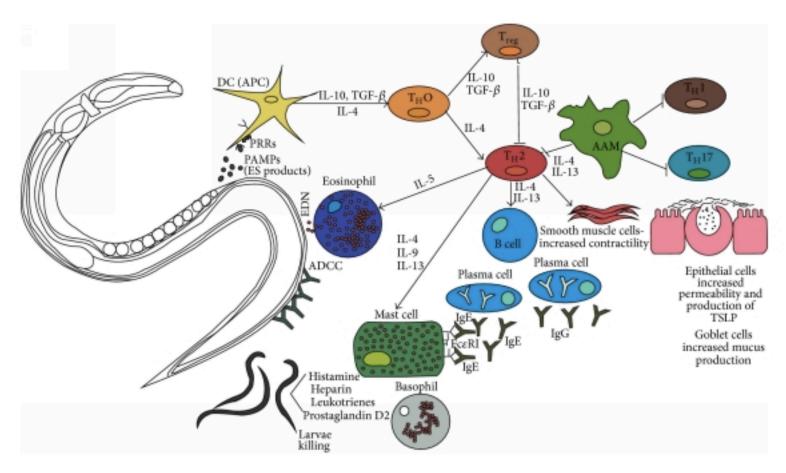




Basophils



Effector mechanisms - summary



IL-5 – eosinophil recruitment and activation

IL-13 – mucus production, smooth muscle cells contraction – peristalsis IgE – recruitment of effector cells to the pathogen surface, cell activation Granulocytes – degranulation – inflammation, cytotoxicity