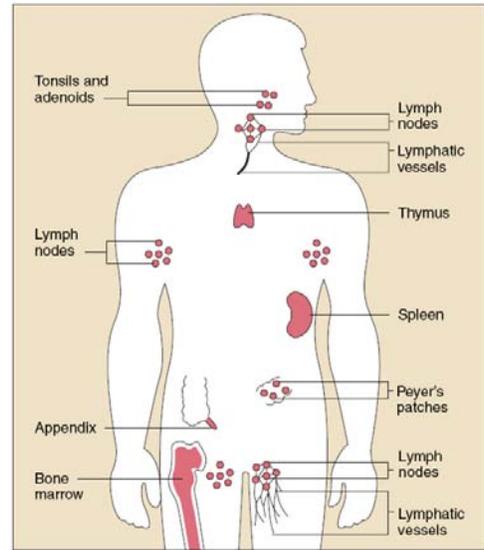


## 7.342 How to Build an Animal: Cell Fate and Identity in Development and Disease Week Eight

The immune system is composed of numerous specialized cell types called **hematopoietic cells**, and the process through which these cells differentiate from a stem cell to their final cell fate is called **hematopoiesis**.

Hematopoietic stem cells and early hematopoietic progenitors reside within the **bone marrow**, before dispersing throughout the body based on their identity and function.



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[https://en.wikipedia.org/wiki/Haematopoiesis#/media/File:Hematopoiesis\\_\(human\)\\_diagram.png](https://en.wikipedia.org/wiki/Haematopoiesis#/media/File:Hematopoiesis_(human)_diagram.png)

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