



Yale-New Haven
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Curriculum Units by Fellows of the Yale-New Haven Teachers Institute
2014 Volume IV: Engineering in Biology, Health and Medicine

The Human Immune System and Application of Bioengineering

Guide for Curriculum Unit 14.04.02

by Terry M. Bella

This is a unit that covers the Connecticut high school science content requirements concerning infectious diseases. To help students develop a full understanding of what disease means they first need to understand the human immune system. This unit takes a look at disease as a failure of the immune system. This is a functional perspective because it allows for discussion around how to engineer a better immune system.

(Recommended for Biology, grades 9 and 10 and Anatomy and Physiology, grades 9-12)

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