



## Concepts in Specific Host Immunity

















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## Immunocompetence Development

Genetic recombination events of approximately 60 genes results in vast array of receptors in lymphocyte cell lines.

This "Oxford Dictionary" of receptors are competent to recognize huge numbers of cell surface structures including many "self" molecular structures.

However, lymphocytes competent to recognize "self" molecular structures instructed to apoptose.

With their elimination complete, an autoimmune response / disease is not possible.



## Endogenous Antigen Display



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Page 5



## "Cast of Characters in the Immune Drama"

\*\* In Progress \*\*

