

Comparative Immunology

New Course: Fall 2018

ACBS / ECOL / ENTO / MCB / MIC 432
ACBS / ECOL / EIS / IMB / MCB / MIC 532

*Resistance to parasites is paramount
for organismal fitness*



All organisms are attacked by parasites and thus all organisms have evolved immune defenses. How do immune systems work? We will cover the major immune mechanisms of bacteria, protozoans, plants, fungi, invertebrates, and "lower" vertebrates. By following the progression of immune system complexity across different lineages, we will see how our own immune system developed from those of our ancestors. This class will pull together information from many fields, including immunology, molecular and cell biology, ecology, and evolution.

T/Th 9:30a—10:45am

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