

Cutaneous Immunology & Infectious Disease

The response to infection is crucial for the survival of an organism. It includes a complex cascade of immunological events involving an array of cell types and the integration of a multitude of biochemical signals. This illustration depicts early inflammatory processes that accompany insult of the epidermis by a bacterium contaminated with the bacteria, *Staphylococcus aureus*. This is shown in contrast to normal tissue surveillance and the accompanying cellular migration patterns that enable the immune system to detect the introduction of pathogens.

