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# Inflammatory Response

National Cancer Institute

## Source

National Cancer Institute. *Inflammatory Response*. NCI Thesaurus. Code C20151.

A part of innate immunity, the Inflammatory Response occurs when injured tissues induce release of vasodilatory, opsonizing, and chemotactic mediators that attract macrophages and leukocytes to phagocytize and destroy foreign substances; dilate local blood vessels increasing local blood flow; increase capillary permeability; produce edematous swelling; and induce pain. Plasma- and cell-derived inflammatory mediators include Prostaglandins, Leukotrienes, Cytokines, Lymphokines, Monokines, PAF, Histamine, Bradykinin, Complement, and Interferons.