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# Eicosanoid Activity Induction

National Cancer Institute

## Source

National Cancer Institute. *Eicosanoid Activity Induction*. NCI Thesaurus. Code C41535.

Through increased production or release, or inhibited degradation, Eicosanoid Activity Induction involves initiation of the biological function of hormone-like endogenous unsaturated and oxygenated fatty acid derivatives of arachidonic acid (eicosanoids) that act near the site of synthesis and have a specific regulatory effect on the activity of target cells in host defense reactions, immediate hypersensitivity, and inflammation. Eicosanoids include prostaglandins, leukotrienes, thromboxanes, and hydroxyeicosatetraenoic acid compounds.