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Eicosanoid Production

National Cancer Institute

Source

National Cancer Institute. *Eicosanoid Production*. NCI Thesaurus. Code C40652.

Eicosanoid Production consists of synthesis 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.