

- Relaxation of pulmonary arterial, bronchial smooth muscle
- Inhibition of platelet aggregation
- Suppression of cardiomyocyte hypertrophy

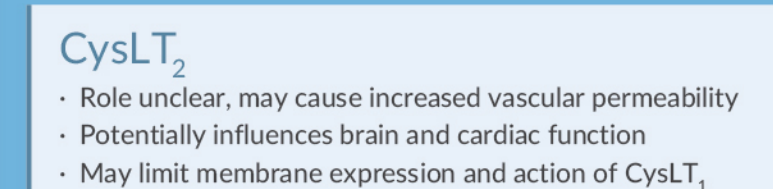
Secondary coupling to G_i

- Actions redundant to BLT_1
- May play a role in itch-induced scratching
- Activated by HETEs

Secondary coupling to G_q

- Innate and adaptive immune cell activation

- Smooth muscle contraction
- Enhancement of airway responsiveness
- Vascular leak (edema)
- Eosinophil chemoattraction



G_q Protein-Coupled Receptors

View an extensive library of agonists, antagonists, assays, and antibodies to study the function of these GPCR receptors at www.caymanchem.com/eicosanoidGPCRs