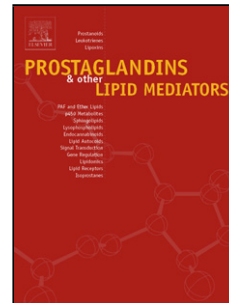


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Differential regulation of monocytic expression of leukotriene and lipoxin receptors

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Key words: Eicosanoids, Inflammation, Leukotriene, Lipoxin, Lipoxygenase, Monocyte, Resolution of inflammation

Highlights

1. Activated CD4⁺ cells up-regulated FPR2/ALX receptor, but not BLT1 receptor mRNA in human macrophages.
2. IFN- γ and supernatants from activated CD4⁺ cells up-regulated FPR2/ALX mRNA and protein levels in THP-1 cells.
3. FPR2/ALX receptor up-regulation in monocytes and THP-1 cells was mainly intracellular.
4. LXA₄ reduced mRNA levels of pro inflammatory mediators in THP-1 cells.

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