

**Activation of 11R-lipoxygenase is fully Ca<sup>2+</sup>-dependent and controlled by the phospholipid composition of the target membrane**

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**Albumin affects the stability, oligomerization and ligand interactions of lipoprotein lipase**

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**Albumin and heparin together or separately — different outcome on lipoprotein lipase oligomerization and stability**

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**Angiopoietin-like protein 4 converts lipoprotein lipase to inactive monomers and modulates lipase activity in adipose tissue**

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**Apolipoproteins C-I and C-III inhibit lipoprotein lipase activity by displacement of the enzyme from lipid droplets**

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**Chiral hemicucurbit[8]uril as an anion receptor : selectivity to size, shape and charge distribution**

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**Combined action of albumin and heparin regulates lipoprotein lipase oligomerization, stability, and ligand interactions**

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### Cyclohexanohemicucurbit[8]uril - a neutral host for anionic guests

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### Cyclohexanohemicucurbit[8]uril - a neutral host for anionic guests

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