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## Addressing liver fibrosis with lipid-based drug carriers targeted to hepatic stellate cells

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*Gate of Todai-ji (Great Buddha temple) in Nara.*

## Abbreviations

<b><i>Aco-HSA</i></b>	cis-aconitic anhydrie modified human serum albumin
<b><i>α-SMA</i></b>	α-smooth muscle actin
<b><i>BDL</i></b>	bile duct ligated
<b><i>CCl<sub>4</sub></i></b>	carbon tetrachloride
<b><i><sup>3</sup>H-COE</i></b>	[ <sup>3</sup> H]cholesterly oleyl ether
<b><i>Chol</i></b>	cholesterol
<b><i>DLPC</i></b>	1,2-dilinoleoyl-sn-glycero-3-phosphocholine
<b><i>ECM</i></b>	extracellular matrix
<b><i>GAPDH</i></b>	glyceraldehydes-3-phosphate dehydrogenase
<b><i>HSA</i></b>	human serum albumin
<b><i>HSC</i></b>	hepatic stellate cells
<b><i>HVJ</i></b>	Hemagglutinating virus of Japan
<b><i>IL-6</i></b>	interleukin-6
<b><i>KC</i></b>	Kupffer cells
<b><i>LEC</i></b>	liver endothelial cells
<b><i>MCP-1</i></b>	monocyte chemoattractant protein-1
<b><i>M6P/IGF II</i></b>	mannose 6-phosphate/insulin-like growth factor receptor
<b><i>M6P-HSA</i></b>	mannose 6-phosphate modified human serum albumin
<b><i>MPB-PE</i></b>	1,2-dioleoyl-sn-glycero-3-phosphoethanolamine-N-[4-(maleimidophenyl)butyramide]
<b><i>MMP</i></b>	matrix metalloproteinase
<b><i>NASH</i></b>	non-alcoholic steatohepatitis
<b><i>PBS</i></b>	phosphate-buffered saline
<b><i>PDGF</i></b>	platelet derived growth factor
<b><i>POPC</i></b>	1-palmitoyl-2-oleoyl-sn-glycero-3-phosphocholine
<b><i>poly I</i></b>	polyinosinic acid
<b><i>TGF-β</i></b>	transforming growth factor- β
<b><i>TIMP</i></b>	tissue inhibitor of matrix metalloproteinase
<b><i>TNF-α</i></b>	tumor necrosis factor-α