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Extracellular vesicles in non-alcoholic and alcoholic fatty liver diseases

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Table 1. Summary of EVs associating to the progression of NAFLD/NASH and ALD/ASH

Source	EV type	Cargo	Effects of EVs	Ref.
NAFLD/NASH				
Hepatocytes	MP	Vanin-1	EC activation	(15)
Hepatocytes	MP	miR-128	HSC activation	(16)
Hepatocytes	No clear description (exosome and MP)	Chemokine (C-X-C motif) ligand 10	Hepatic macrophage activation	(36)
Hepatocytes	Exosome and MP	TRAIL	Bone marrow-derived macrophage activation	(19)
Hepatocytes	Exosome and MP	Ceramide	Macrophage activation	(38)
Hepatocytes	MP	Mitochondrial DNA	Macrophage activation	(39)
Cholangiocytes and myofibroblastic HSCs	MP	Hedgehog	EC activation	(40)
Portal myofibroblasts	MP	VEGF-A	EC activation	(41)
CD4+ and CD8+ T cells	MP	CD147	HSC activation	(42)
Activated HSC cells	Exosome	CCN2	HSC activation	(43)
ALD/ASH				
Hepatocytes	Exosome	CD40L	Macrophage activation	(46)
Hepatocytes	MP	Mitochondrial DNA	Neutrophilic inflammation	(20)

EV: extracellular vesicles, MP: microparticle, EC: Endothelial cells, HSC: hepatic stellate cells, TRAIL: tumor necrosis factor-related apoptosis-inducing ligand, VEGF-A: vascular endothelial growth factor A, CCN2: pro-fibrogenic connective tissue growth factor, CD40L: CD40 ligand,

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