











**Supplementary information to:**

**Original article:**

**TRANSPLANTATION OF SDF-1 $\alpha$ -LOADED LIVER  
EXTRACELLULAR MATRIX REPOPULATED WITH AUTOLOGOUS  
CELLS ATTENUATED LIVER FIBROSIS IN A RAT MODEL**

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**Supplementary Table 1:** The description of fibrosis stages and necrosis grades in liver

Fibrosis stage		Description
0		Normal liver (No fibrosis)
1		Fibrous expansion of some portal areas, with or without short fibrous septa
2		Fibrous expansion of most portal areas, with or without short fibrous septa
3		Fibrous expansion of most portal areas, with occasional portal-portal (P-P) bridging
4		Fibrous expansion of portal areas, with marked P-P bridging as well as some portal-central (P-C) bridging
5		Marked P-P and/or P-C bridging, with occasional nodules (incomplete cirrhosis)
6		Cirrhosis, probable or definite
Necrosis grades*		Description
Piecemeal necrosis	0	Absent: no visible hepatocyte necrosis
	1	Focal necrosis: few portal areas
	2	Mild/Moderate necrosis: most portal areas
	3	Moderate necrosis: continuous around <50 % of tracts or septa
	4	Severe necrosis: continuous around >50 % of tracts or septa
Confluent necrosis	0	Absent: no visible hepatocyte necrosis
	1	Focal confluent necrosis
	2	Centrolobular necrosis in some areas
	3	Centrolobular necrosis in most areas
	4	Centrolobular necrosis + occasional P-C bridging
	5	Centrolobular necrosis + multiple P-C bridging
	6	Pan-lobular or multi-lobular necrosis
Focal lytic necrosis apoptosis and focal inflammation	0	Absent: no visible hepatocyte necrosis
	1	One focus or less per 10x objective
	2	One to four foci per 10x objective
	3	Five to 10 foci per 10x objective
	4	More than ten foci per 10x objective
Portal inflammation	0	Absent: none portal inflammation
	1	Mild: some or all portal areas
	2	Moderate: some or all portal areas
	3	Moderate/marked: all portal areas
	4	Marked: all portal areas

\*Maximum possible score for grading is 18.