## LIST OF SUPPLEMENTARY VIDEOS

### SUPPLEMENTARY VIDEO 5.1 VOLUME RENDERING OF HUMAN CD133$^+$ CELL IN LUNG TISSUE 1 HOUR AFTER INJECTION.

Imaris software was used to generate the volume rendering, strating from a stack of a confocal fluorescent images (section thickness 6 μm). Rat lung sections showing a human GFP-CD133$^+$ cell (green) labelled with PKH26 (red), surrounded by CD68$^+$ cells (white). PKH26$^+$ particles can be observed in proximity of the human cell, colocalizing with CD68$^+$ cells, suggesting that the human cells might release PKH26$^+$ vesicles in the lung tissue within 1 hour from the injection, and that macrophages might be involved in phagocitating them.

### SUPPLEMENTARY VIDEO 5.2 VOLUME RENDERING OF HUMAN CD133$^+$ CELL IN LUNG TISSUE 24 HOUR AFTER INJECTION.

Imaris software was used to generate the volume rendering, strating from a stack of a confocal fluorescent images (section thickness 6 μm). Rat lung sections showing a fraction of a human GFP-CD133$^+$ cell (green), surrounded by a clump of CD68$^+$ cells (white). PKH26$^+$ particles (red) can be observed in proximity of the human cell, within CD68$^+$ cells.