

Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: msR4M-L1 inhibits leukocyte adhesion under physiological flow in whole-mount carotid arteries prepared from atherosclerotic mice *Apoe*^{-/-} mice on Western-style HFD. The video represents a z sectioning video scan (single field of view) through a whole-mount carotid artery using multiphoton laser-scanning microscopy (MPM). msR4M-L1 (red) versus vehicle control (green) msR4M-L1 was in vivo-injected on the three days before vessel preparation and perfused leukocytes stained accordingly.