



SUPPLEMENTARY FIG. S2. Inflammatory reaction within the pores of implanted MSC/scaffold constructs. **(A)** A strong inflammatory infiltrate, mainly composed of lymphocytes (*black arrows*) and macrophages (*black arrowheads*), is observed within the pores of MSC-seeded scaffolds extracted 3 days after implantation in vivo in immunocompetent syngeneic recipient mice. Hematoxylin and eosin (H/E) staining, magnification 40 \times . **(B)** Seven days after implantation, a fibrous connective tissue is present within the MSC-seeded scaffolds. H/E staining, magnification 40 \times . **(C)** A compact tissue formed by fibroblast-like proliferating cells is observed 11 days after implantation. H/E staining, magnification 40 \times .