



Figure S7. Maximum nanocomposite surface temperature during laser tissue welding procedure. Dried nanocomposites (NC) placed over intestinal tissue and irradiated at 2.00 (squares) or 2.50 (triangles) W/cm² for 10 minutes were measured for maximum surface temperature using IR images. In addition, the surface temperature profile of ruptured intestine (RI) alone irradiated at 2.50 W/cm² in absence of collagen-GNR nanocomposite is shown. Representative curves of n=5 independent experiments.