

Femtosecond-laser stimulation induces senescence of tumor cells *in vitro* and *in vivo*: supplement

XIAOHUI ZHAO, WANYI TANG, HAIPENG WANG, AND HAO HE*

School of Biomedical Engineering, Shanghai Jiao Tong University, Shanghai, 200030, China

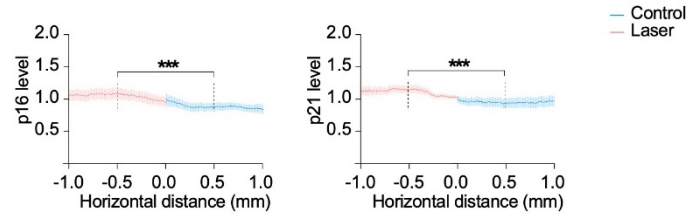
*haohe@sjtu.edu.cn

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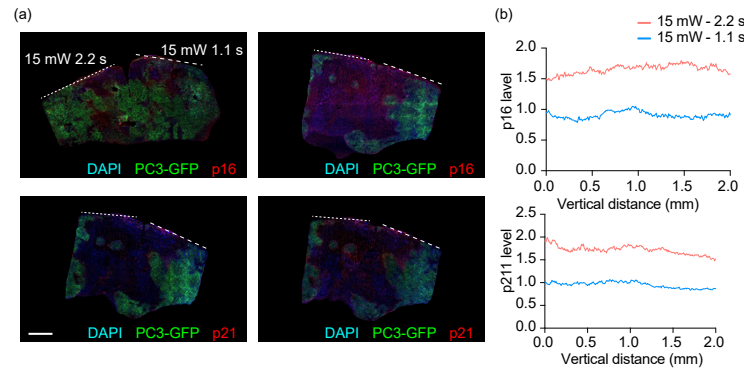
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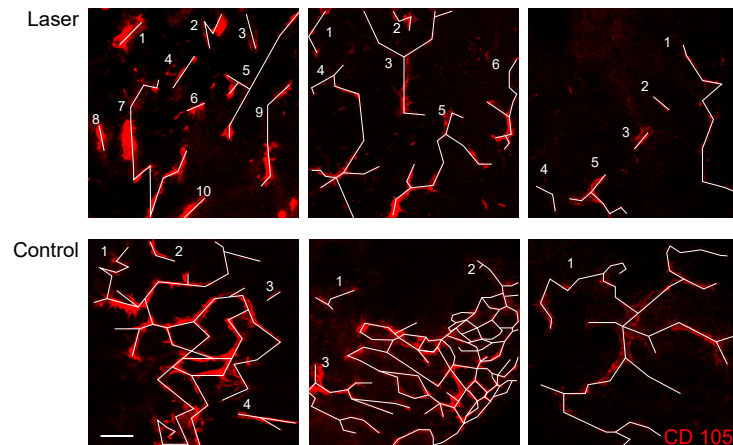
Supplementary Figures



Supplementary Figure 1. The the total average p21 and p16 level in all cells in the 0 to 2 mm deep tissue versus the horizontal direction. The photostimulated region was transversely from -1.0 mm to 0, and the control region from 0 to 1 mm.



Supplementary Figure 2. The p16 and p21 level in the tumor tissue that suffered photostimulation at 15 mW for 1.1 s and 2.2 s respectively. Left: the immunofluorescence microscopy. Dashed lines: the photostimulation region. Bar: 1 mm. Right: the quantified p16 and p21 level along the depth of tissue.



Supplementary Figure 3. The blood vessels in the photostimulated tumor showed loose distribution such that the mean length of continuous blood vessels was short.