

Supplementary Information

In vivo fluorescence imaging of conjunctival goblet cells

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Supplementary Video & Legends

Supplementary Video 1: Real-time confocal fluorescence microscopy (CFM) video of the rat bulbar conjunctiva, in-vivo. (Corresponding to Fig. 3(a))

The image size consists of 512×512 pixels covering a field-of-view (FOV) of $387.5 \mu\text{m} \times 387.5 \mu\text{m}$ with a Imaging speed was 7.3 frames/s. Color coding for emission fluorescence was as follows: 430 ~ 650 nm (*green*).

Supplementary Video 2: Real-time confocal fluorescence microscopy (CFM) video of the rat forniceal conjunctiva, in-vivo. (Corresponding to Fig. 3(b))

The image size consists of 512×512 pixels covering a field-of-view (FOV) of $387.5 \mu\text{m} \times 387.5 \mu\text{m}$ with a Imaging speed was 7.3 frames/s. Color coding for emission fluorescence was as follows: 430 ~ 650 nm (*green*).