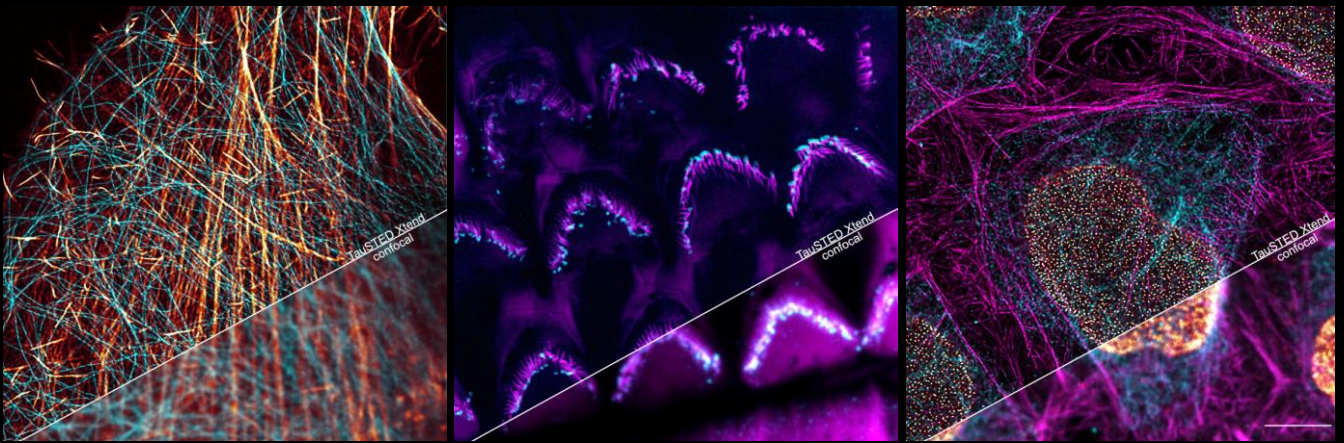


# STELLARIS STED

## SUPER-RESOLUTION RE-IMAGINED

# GET FASTER TO THE TRUTH

The STELLARIS platform, enhanced with TauSTED Xtend, provides super-resolution microscopy with reduced photodamage, making it suitable for live-cell imaging. TauSTED Xtend achieves this by combining fluorescence lifetime and spatial information, enabling prolonged, multicolour imaging at lower STED laser powers. This results in clearer, less noisy images and deeper biological insights.



Multicolor fixed STED images. a) Dual color TauSTED Xtend 589 on CF440-Phalloidin and StarGreen-Tubulin. b) Inner ear section, mouse, TauSTED Xtend 589 on AF488 and TauSTED Xtend 775 on AF633-Phalloidin. c) TauSTED Xtend 775; Vimentin AF 594 (cyan), Phalloidin ATTO 647N (magenta) and NUP107 CF680R (glow). Triple color STED imaging with a single depletion line at low STED power. (Scale bar: 5  $\mu$ m)

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