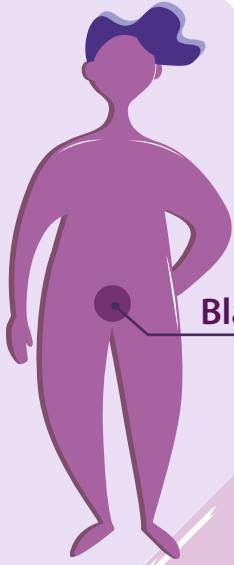




Amplitude



Bladder cancer

Developing enabling
photonics technologies as a
basis for a new concept of
label-free, multi-modal
microscopy and endoscopic
imaging based on the under
explored wavelength region
between 1650nm and
1700nm



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Amplitude Project



 Tampere University



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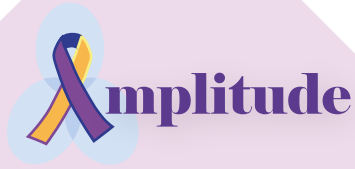


Aston University
Birmingham



The Institute of Photonic
Sciences





Ultrashort Pulsed Laser for the 3rd Biological Window



The Amplitude ultrashort pulsed laser is a low cost and reliable source for multi-modal biological and medical imaging in the third biological window.

The laser is a compact and efficient tunable light source for multi-photon imaging in the 1650-1700nm wavelength range and second/third harmonic generation at 850nm thanks to integrated frequency doubling.

Key Features

- Tunable operation 1650-1700nm
- Integrated second harmonic generation
- 100mW output power
- <150 fs pulse width
- Small footprint

Learn More

