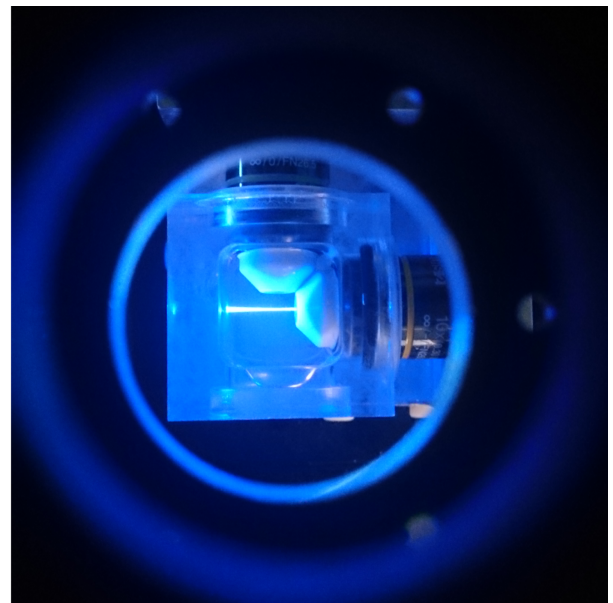
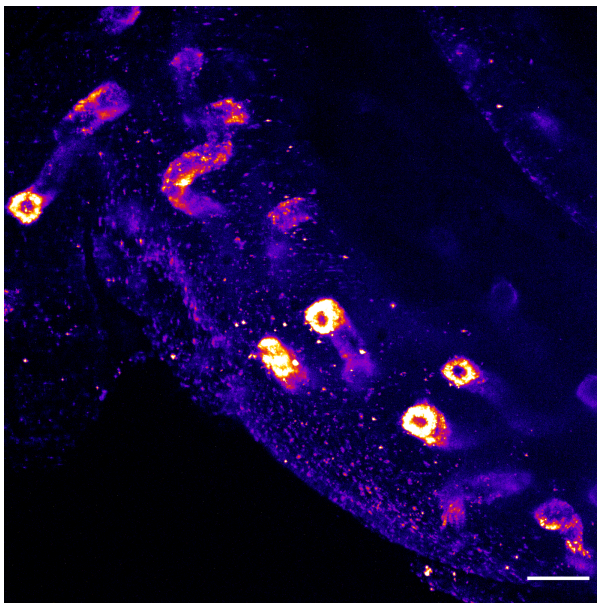


Optics and Photonics Group
Lunchtime Seminar
**“Light sheet microscopy
for visualising multiscale
cellular interactions”**
Tania Mendonca



1:00pm Wednesday 20th February 2019
203 Tower building
All Welcome

http://optics.nottingham.ac.uk/wiki/Talks_2019



“Light sheet microscopy for visualising multiscale cellular interactions”

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Light sheet fluorescence microscopy (LSFM) is a fast, high contrast, low photo-toxicity and low photo-bleaching method which makes it well suited to studying how cells interact with their 3D environment. In this presentation I talk about my work using LSFM to study sperm cell storage in a female song bird *Taeniopygia guttata*, and my present role using LSFM in combination with optical trapping to study cell-matrix interactions and cell behaviour in 3D cultures.