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Applications of FLIM to tissue microscopy

Fluorescence Lifetime imaging Microscopy (FLIM) is becoming popular for clinical applications because of the simplification afforded by the phasor approach. In this talk the principle of the method will be presented as well as applications to clinical samples. The introduction of artificial intelligence (AI) approaches in the context of phasors further simplify the classification and separation of populations with different FLIM signatures. The DIVER technology is important because the signal from highly scattering samples is order of magnitude stronger using the DIVER detection scheme