



Contribution ID: 520

Type: **Poster**

Tuning Luminescence Resonance Energy Transfer for Lifetime-Based Multiplexing Detection of Nucleic Acids

Thursday, 15 December 2022 18:45 (15 minutes)

Multiplexing detection of nucleic acids has been developed using the temporal dimension of luminescence lifetimes, which are tuned by Luminescence Resonance Energy Transfer between a donor europium complex and an acceptor dye tagged onto oligonucleotides, decoded by time-resolved image cytometry.

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Session Classification: Poster session

Track Classification: ANZCOP: ANZCOP: Microscopy, spectroscopy and imaging