

## **More than a Lifetime – SP8 FALCON for FAsT Lifetime CONtrast and functional imaging**

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Spectral Imaging has proven to be a powerful method to generate data from multiple specific labels in biomedical applications, allowing the detection of several labels within one experiment. Unfortunately, the availability of properly separable labels has often led to restrictions or tedious experimental preparations. SP8 FALCON provides means to overcome some of these limits by adding the fluorescence lifetime as an extra contrast, allowing significantly more freedom when choosing your fluorophores.

SP8 FALCON can offer you even more than spectral freedom, it also puts your functional imaging approaches to another level. The lifetime information can be utilized to read out numerous parameters of the molecular environment directly and a wide range of FRET biosensors allow fast functional imaging.

The SP8 FALCON is a fully integrated FLIM solution, enabling you to add the lifetime contrast to your experiments with ease.