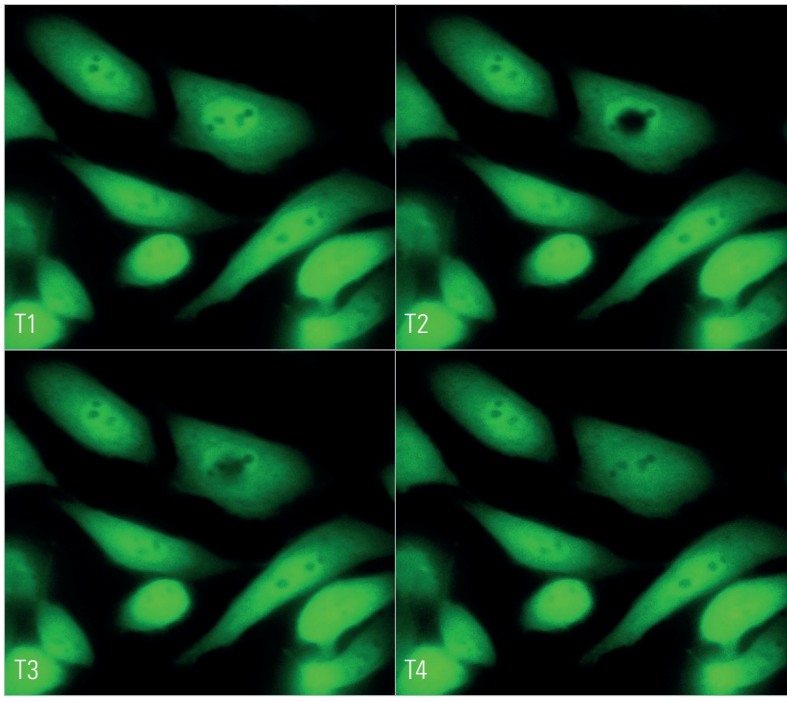
Living up to Life



See the Dynamics of Your Cells

Photobleaching System Leica DMi8 for FRAP

When you add the Leica WF FRAP to your Leica DMi8 imaging system, you get the outstanding combination of high speed imaging and fast, accurate FRAP capabilities.
The Leica DMi8 for FRAP is an integrated all-in-one solution for photobleaching with which you can study cellular kinetics reliably and with minimal photo damage to your cells. The Leica DMi8 and the Leica WF FRAP are perfect partners for your live cell research!

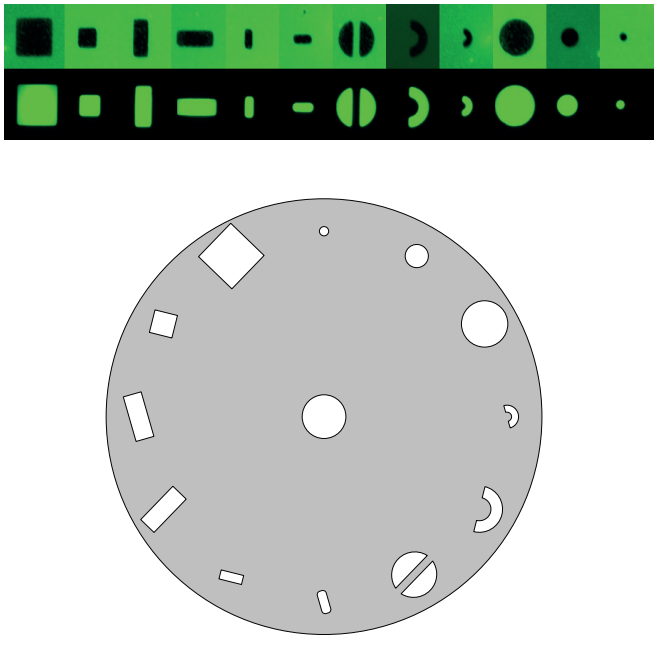
- **Powerful**: A versatile solution for multi-user systems, with 444 possible bleaching combinations and variable bleaching pulse duration of 1 to 500ms, you can bleach a wide array of cellular structures.
- **Affordable**: An all-inclusive solution, adding FRAP capabilities is simple and budget-friendly.
- **Fast**: Capture even the fastest recovery kinetics and save valuable time and resources.

www.leica-microsystems.com

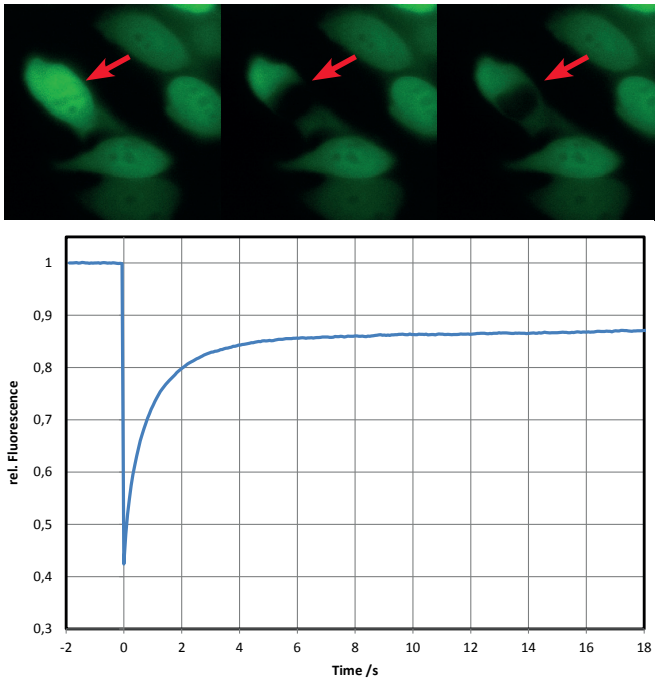
Be enlightened!

Fluorescence **R**ecovery **A**fter **P**hotobleaching (FRAP) can enlighten you on important information about cellular dynamics. With FRAP capabilities added to the Leica DMi8, you can bleach a defined area selectively and analyze the fluorescence recovery - and this way discover more about the characteristics of molecular interactions.

› Simple: Utilize the dedicated software wizard in Leica Application Suite X (LAS X) to define, execute and analyze experiments quickly and easily.
› Effective: Get the results you need with the built-in 1.4 W 450 nm laser, providing enough power for complete bleaching.
› Flexible: Define your ideal experiment with 12 different bleaching masks to choose from and a wide range of laser intensity values
› Seamless: Combined with advanced state-of-the art cameras, the Leica DMi8 for FRAP is your fully integrated solution to delve deeper into the dynamics of your cells



Define your bleaching region of interest, choose from 12 different bleaching masks



Fluorescence intensity over time curve for a photobleaching experiment. The LAS X software automatically calculates the recovery curves for your experiments.