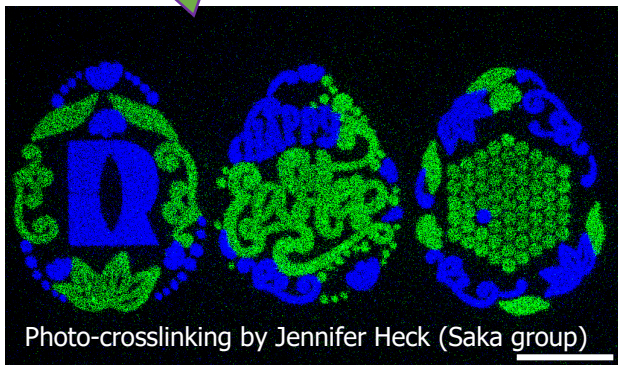
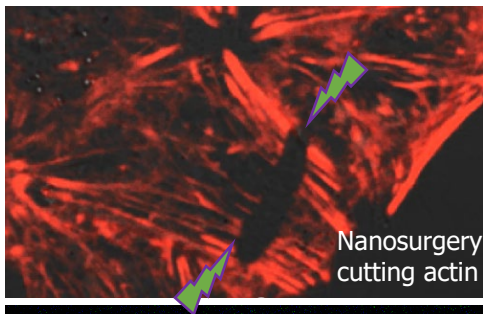
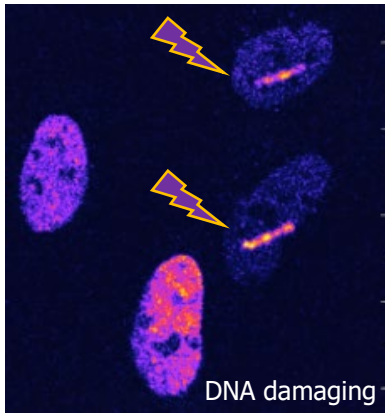


A new microscope system for photomanipulation in the ALMF ablation - uncaging - crosslinking - DNA damaging – nanosurgery

Together with the industrial partners Evident Scientific and Rapp OptoElectronics the ALMF hosts a laser scanning confocal Evident FV3000 combined with an additional scanner equipped with pulsed 355 nm and 375 nm lasers (Rapp UGA-42 Caliburn). It allows flexible and precise photomanipulations including ablation, uncaging, crosslinking, laser nanosurgery and DNA damaging experiments. On 19 April ALMF hosts a short workshop to introduce this system.



19 April 2024

Presentations room 13-518

- 10:00 Prodding the Subcellular World with Light
Simona Stelea RAPP OptoElectronics
- 10:30 Photomanipulation application examples in the ALMF
Stefan Terjung

Hands-on in room 13-512 – please register via almf@embl.de

- 11:00-12:00 short demo session 1 (uncage fixed cells) / discuss potential new applications
- 12:00-13:00 Lunch
- 13:00-15:00 demo session 2
- 15:00-15:30 break
- 15:30-17:30 demo session 3

please register via almf@embl.de to participate in the hands-on