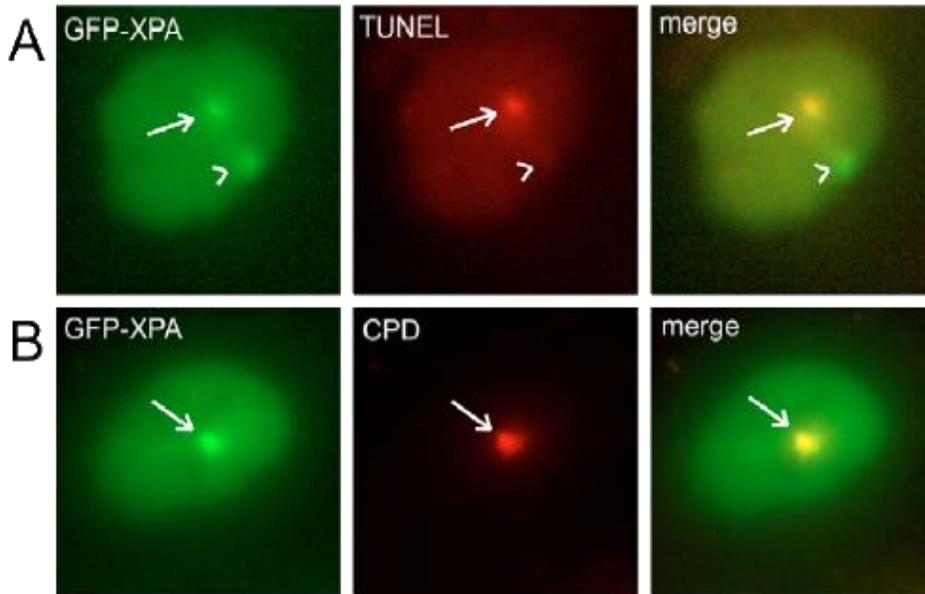


DNA-Damage & Repair - Deep UV Microscopy



Local damage by 266 nm UV irradiation in cultured living cells

The damage locations are marked by the accumulation of fluorescently-tagged repair proteins (arrows & arrow heads)

AiWon fixed spot illumination device (previously ZSI-A200) with 266 nm, 7.8 kHz pulsed DPSS laser (Rapp OptoElectronic, Hamburg Germany)

Zeiss Axiovert 200M microscope modified with quartz optics (Rapp OptoElectronic, Hamburg Germany)

Data from: Dinant et al. (2007), *Activation of multiple DNA repair pathways by subnuclear damage induction methods*, *J. of Cell Science* (2007) 120, 2731-2740, doi:10.1242/jcs.004523