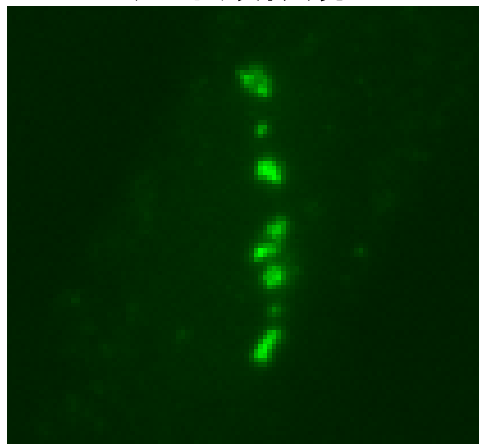


重粒子線照射はクラスターDNA二本鎖切断を引き起こす

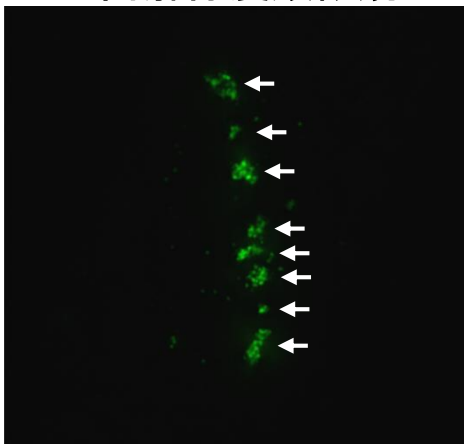
重粒子線照射後 8時間

通常顕微鏡



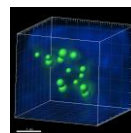
γ H2AX + DAPI x100

高解像度顕微鏡

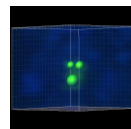


x100

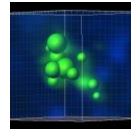
それぞれの拡大写真



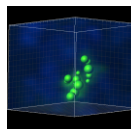
15



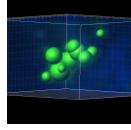
3



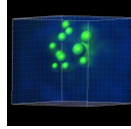
10



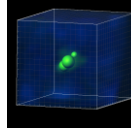
11



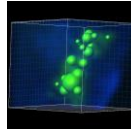
10



13



3



16

緑: DNA切断標識

青: 細胞核