



- -

(CD)

(UNSCEAR)

(ICRP)

CD

CD
SHR(SHRSP)

(SHR)

SHRSP

5

0.1 4.0Gy

0Gy

SHR

5

1 4Gy

30

(LC-MS)

10

20

DNA

SHRSP

0.1 Gy

Gy

SHR

LC-MS

H2AX

10

20

DNA

SHR

SHRSP

CD

CD