



**HAL**  
open science

## The opportunistic pathogen *Pseudomonas aeruginosa* activates the DNA double-strand break signaling and repair pathway in infected cells.

Sylvie Elsen, Véronique Collin-Faure, Xavier Gidrol, Claudie Lemerrier

### ► To cite this version:

Sylvie Elsen, Véronique Collin-Faure, Xavier Gidrol, Claudie Lemerrier. The opportunistic pathogen *Pseudomonas aeruginosa* activates the DNA double-strand break signaling and repair pathway in infected cells.. Cellular and Molecular Life Sciences, 2013, 70 (22), pp.4385-97. 10.1007/s00018-013-1392-3 . inserm-00826959

**HAL Id: inserm-00826959**

**<https://inserm.hal.science/inserm-00826959v1>**

Submitted on 16 May 2014

**HAL** is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.

Fig. 1

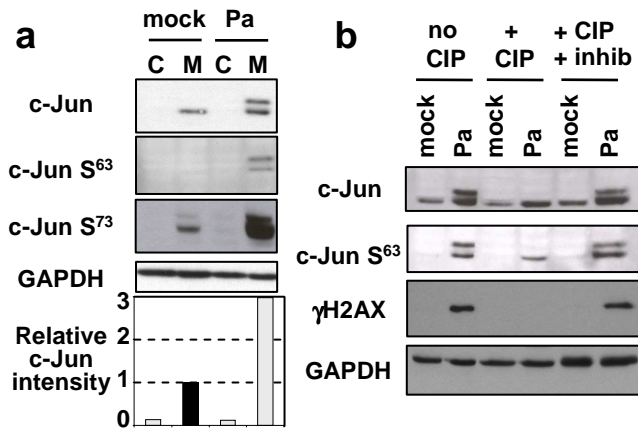


Fig. 2

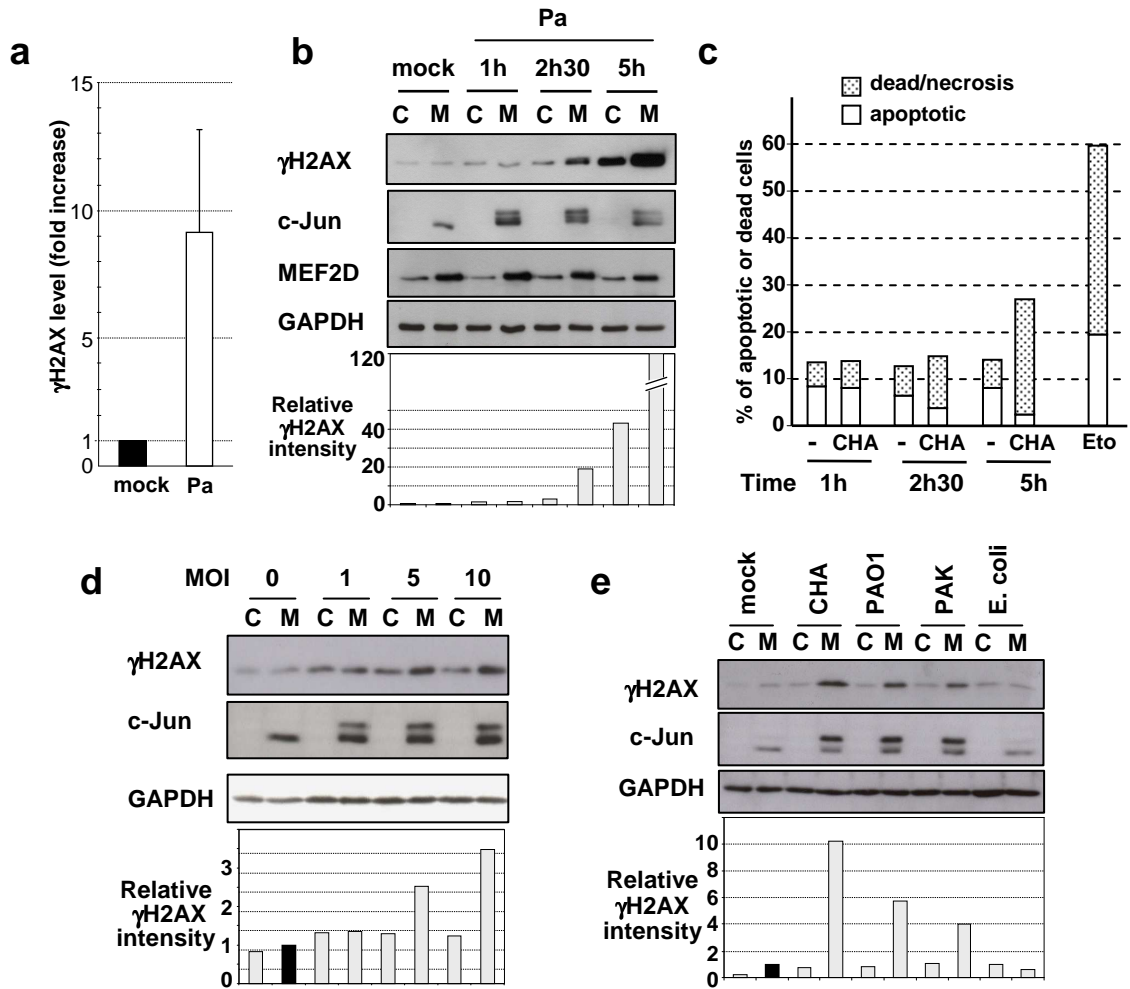


Fig. 3

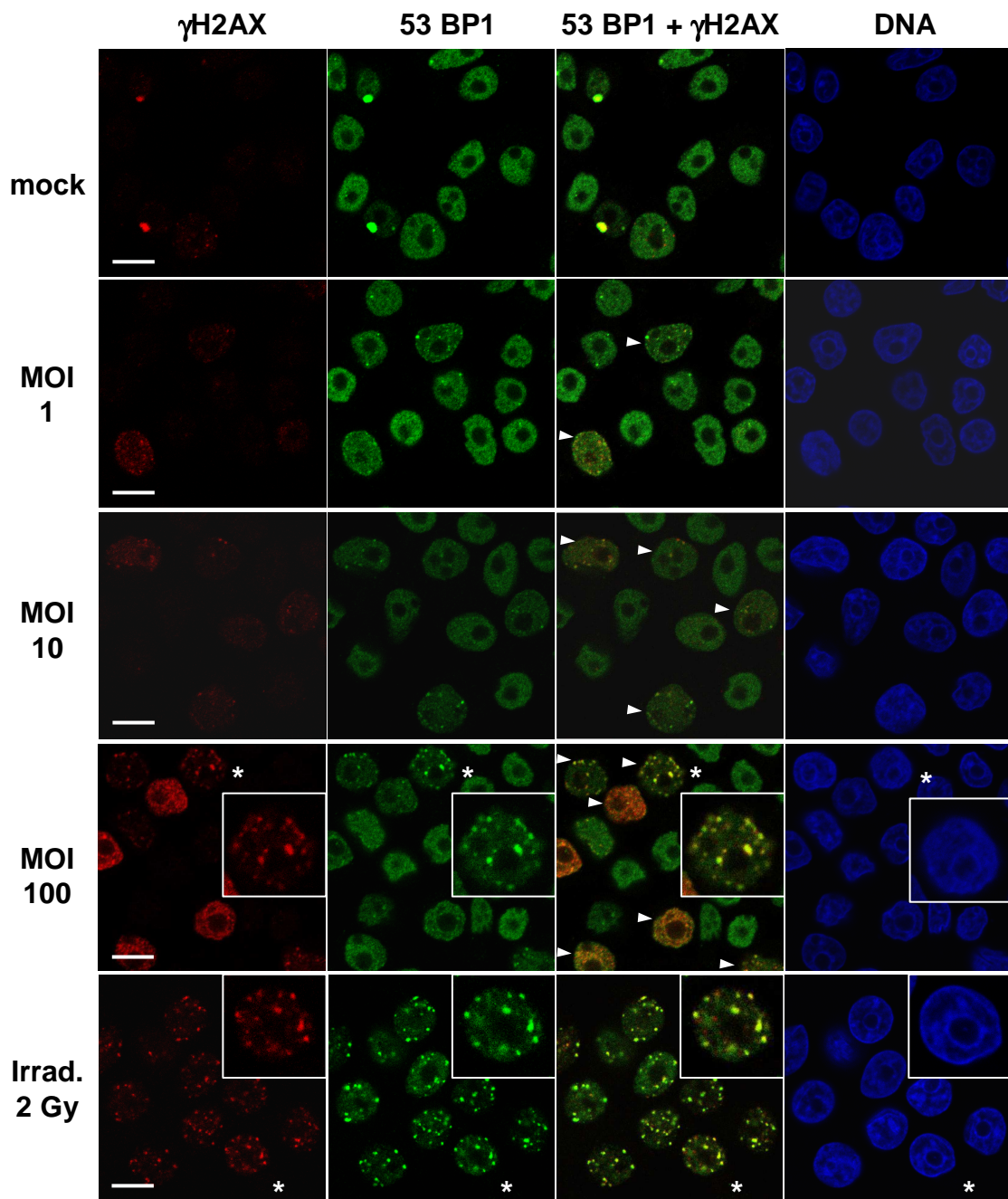


Fig. 4

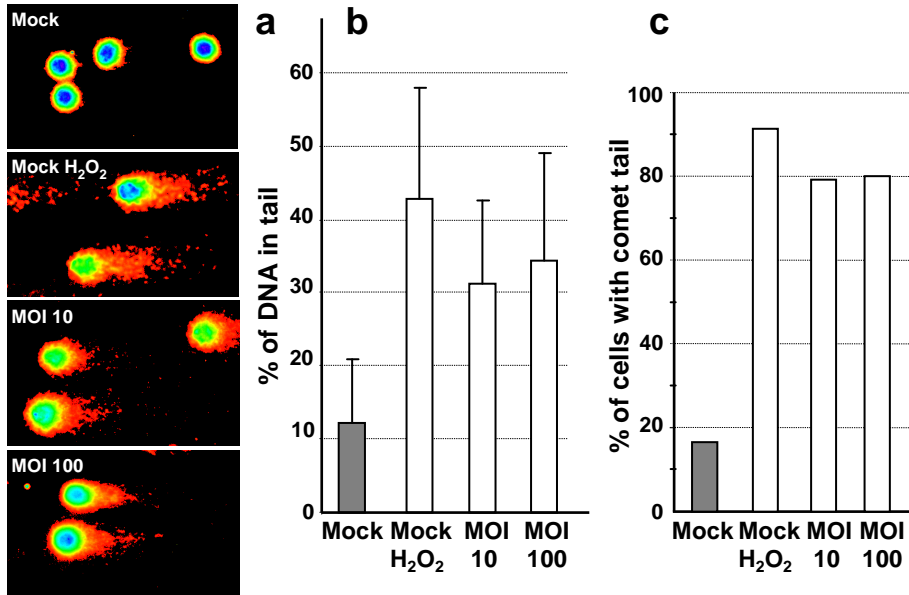


Fig. 5

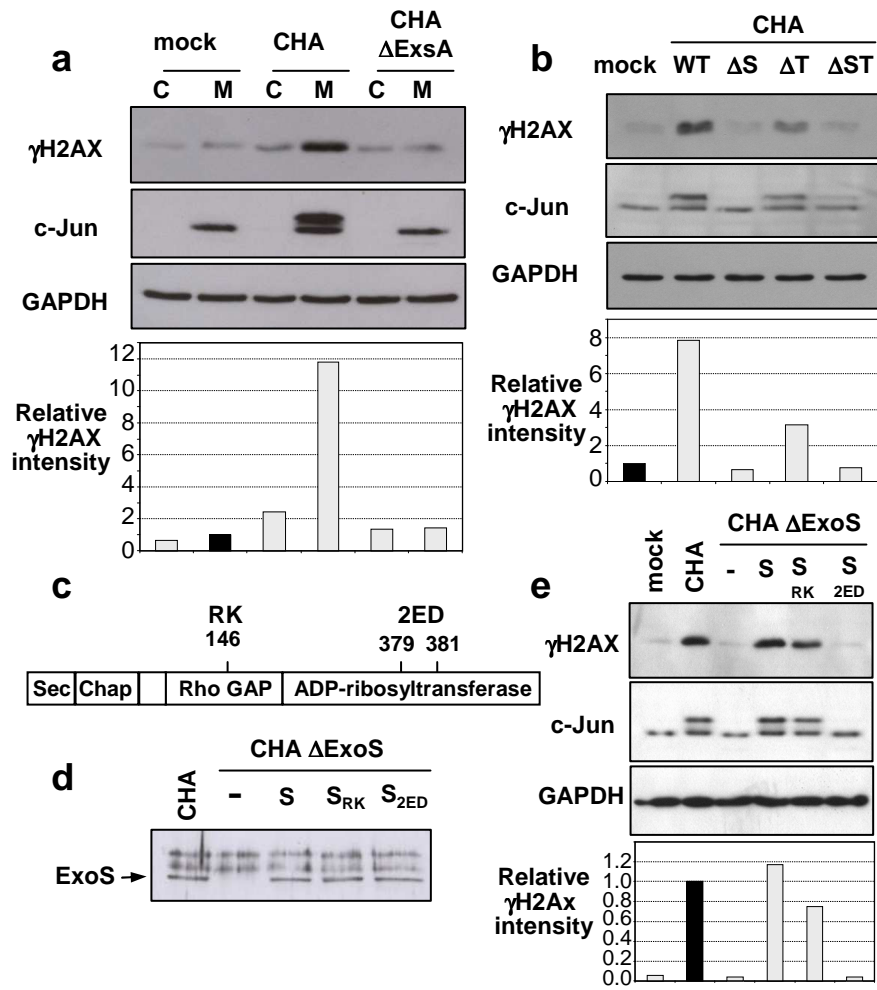


Fig. 6

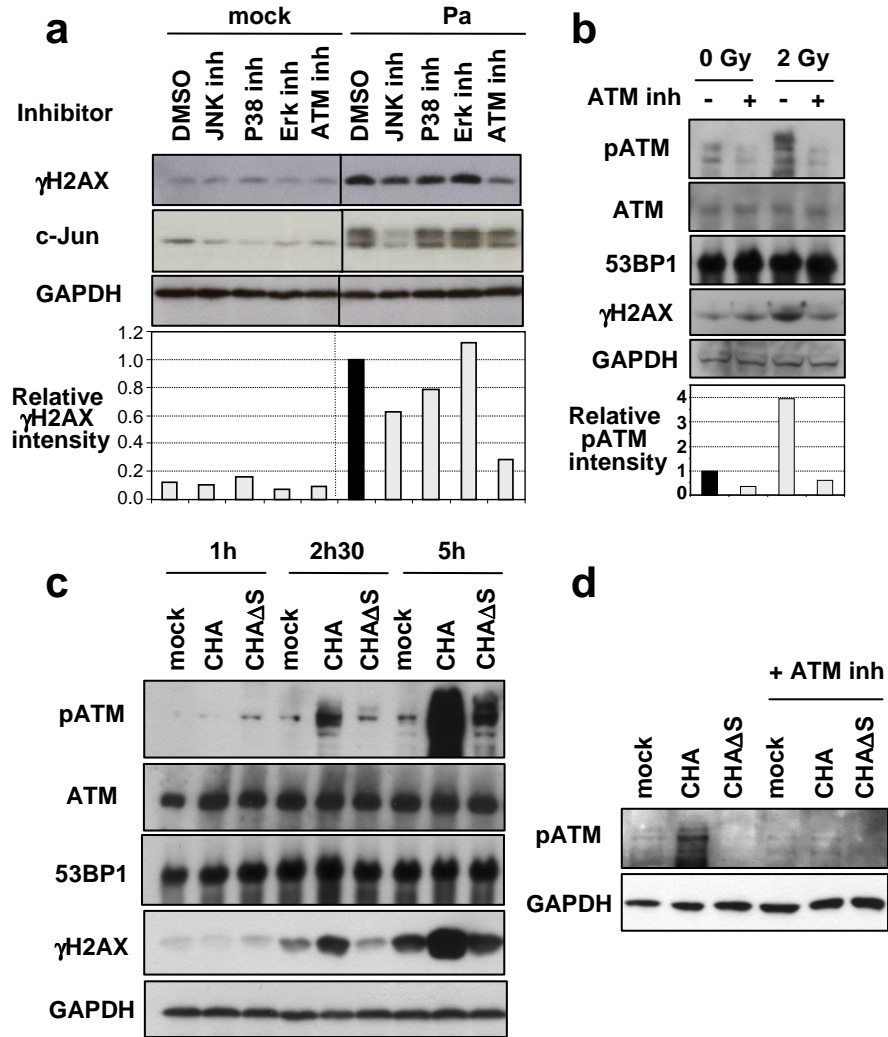
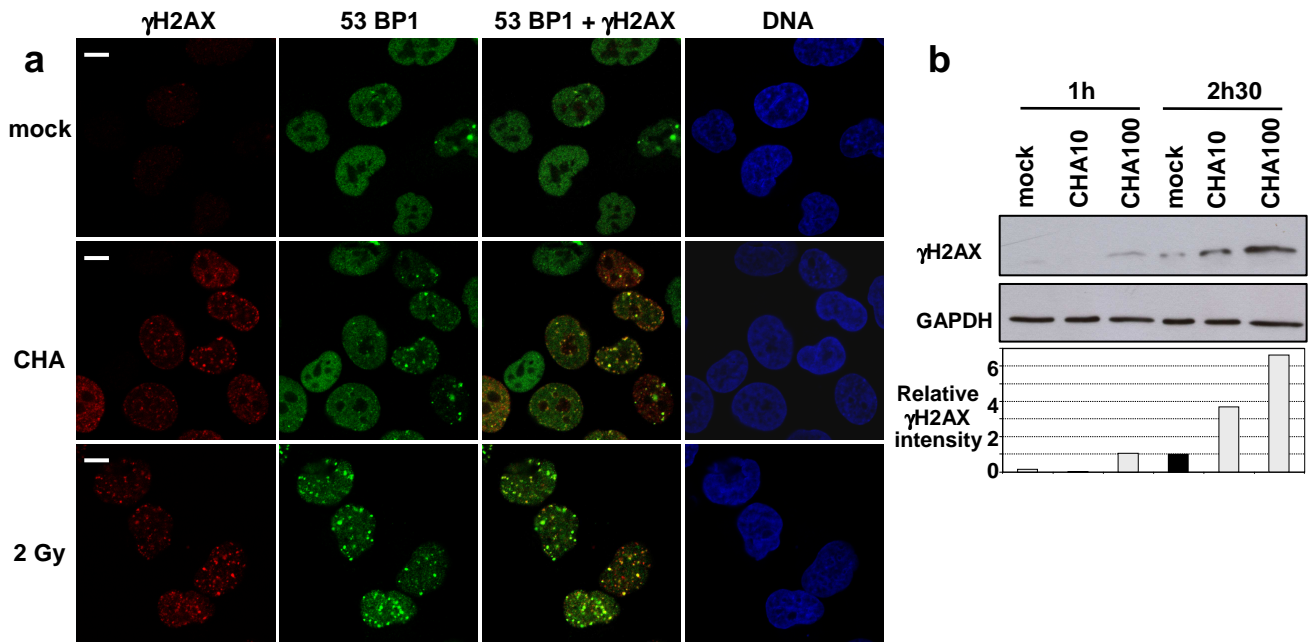


Fig. 7

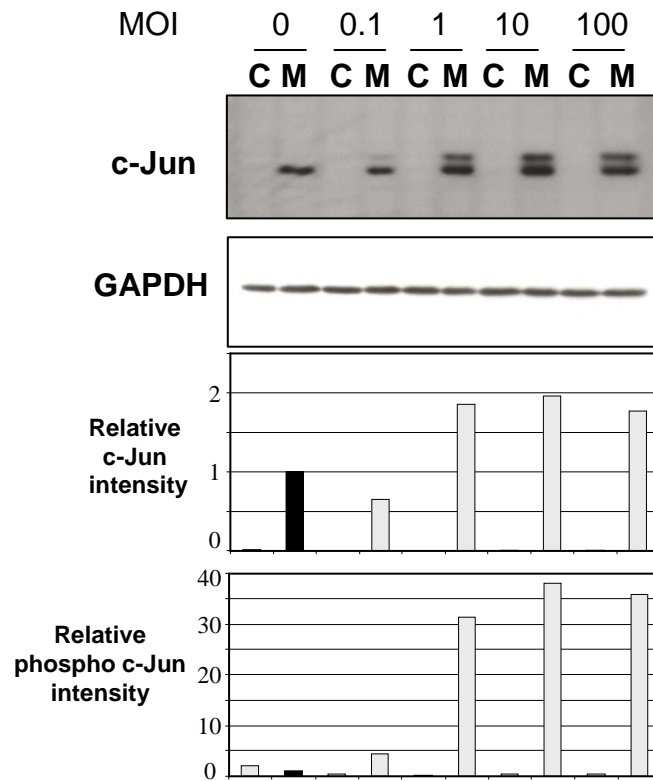




# ELECTRONIC SUPPLEMENTARY MATERIAL 2

## Figure S1, S2, S3

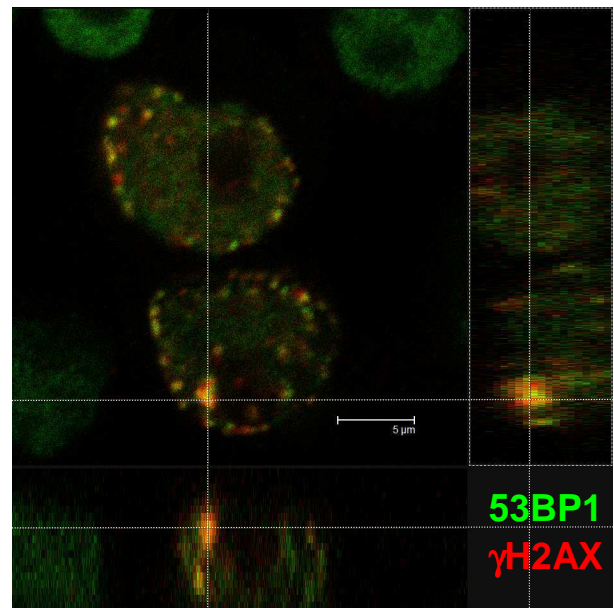
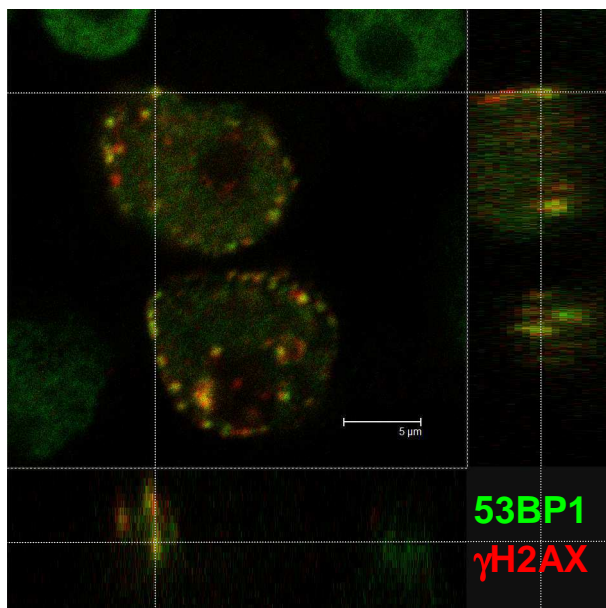
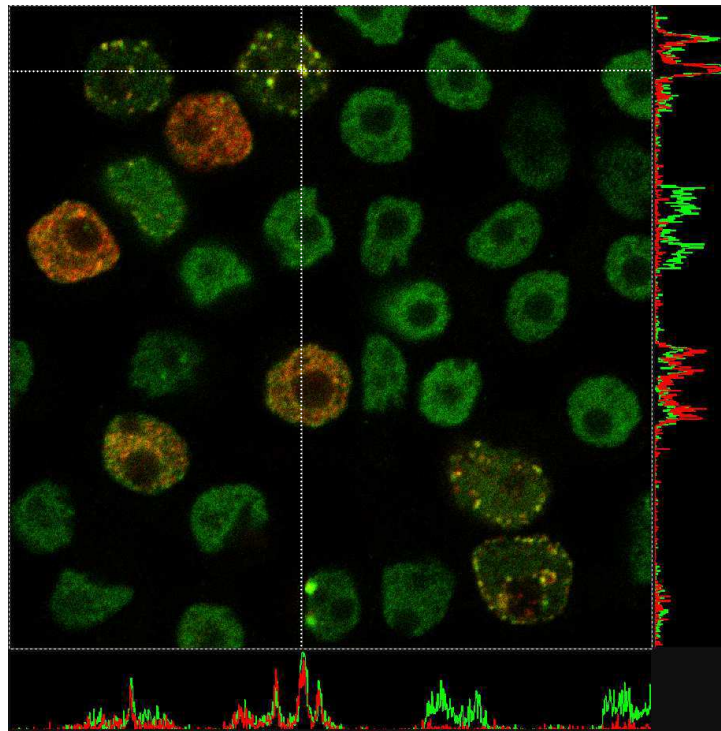
Supplementary Fig. S1



# ELECTRONIC SUPPLEMENTARY MATERIAL 2

Supplementary Fig. S2

## HL60



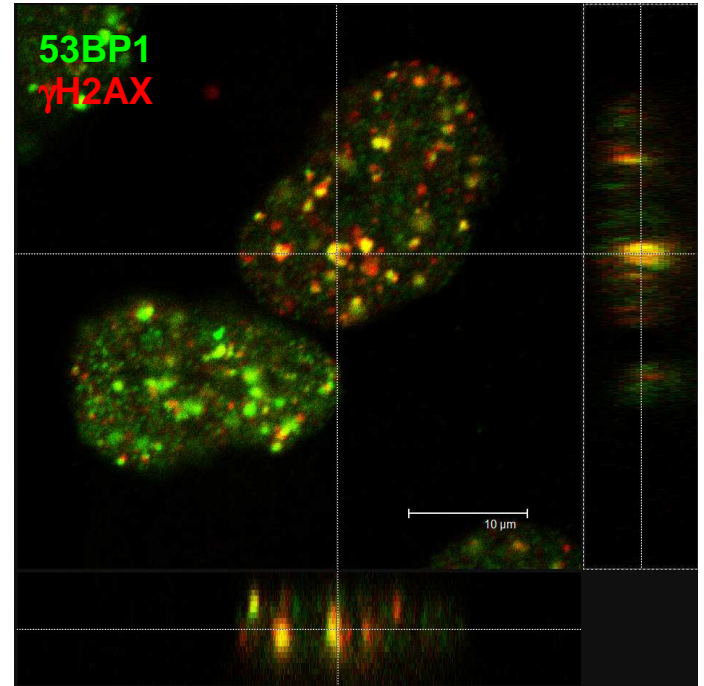
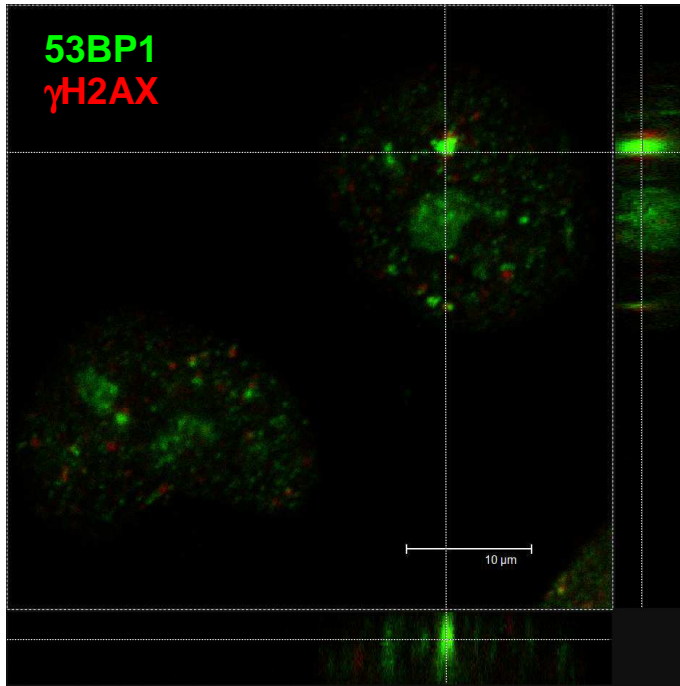
# ELECTRONIC SUPPLEMENTARY MATERIAL 2

Supplementary Fig. S3

## H1299

0 Gy

2 Gy



Mock

*P. aeruginosa*

