

## Supplementary material of Micro-PIXE reveals cisplatin uptake followed by Fe accumulation in U87 cells

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### 1. Raw Images of Micro-PIXE Maps

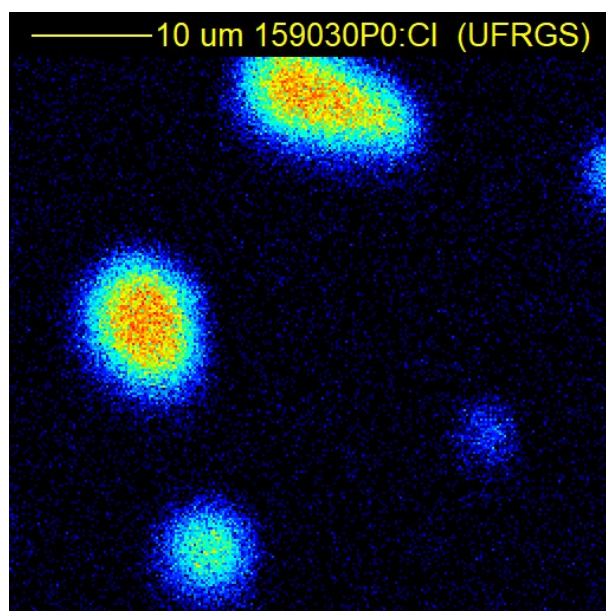


Figure 1: Elemental distribution of chlorine following a 24-hour exposure of cells to 10  $\mu$ M cisplatin. Raw Image.

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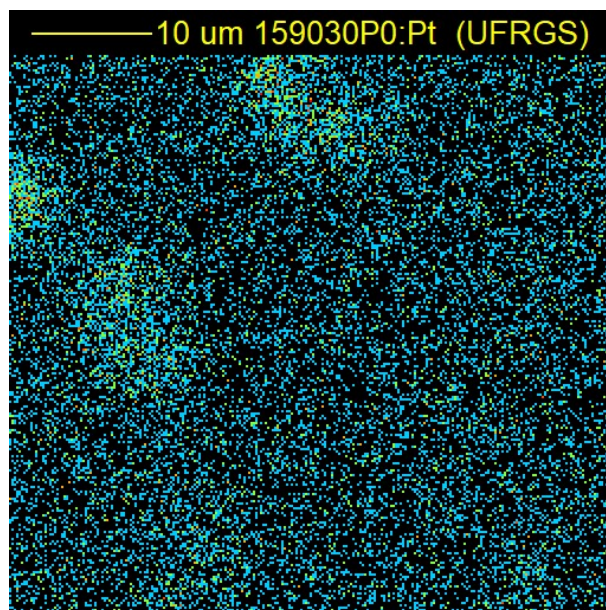


Figure 2: Elemental distribution of platinum following a 24-hour exposure of cells to 10  $\mu\text{M}$  cisplatin. Raw Image.

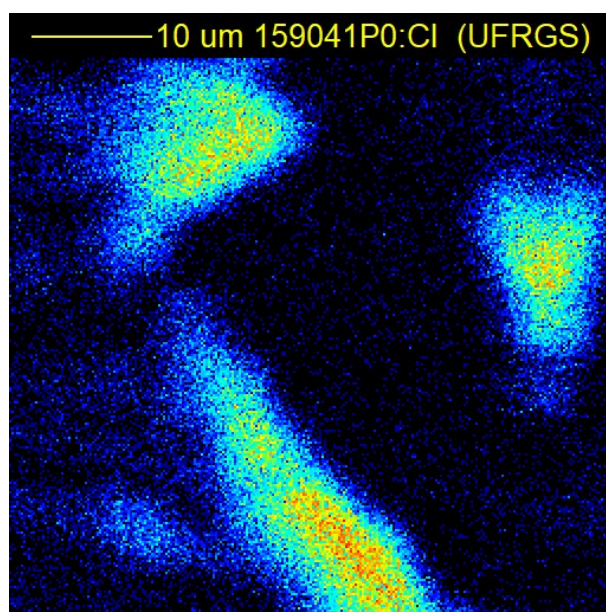


Figure 3: Elemental distribution of chlorine following a 24-hour exposure of cells to 20  $\mu\text{M}$  cisplatin. Raw Image.

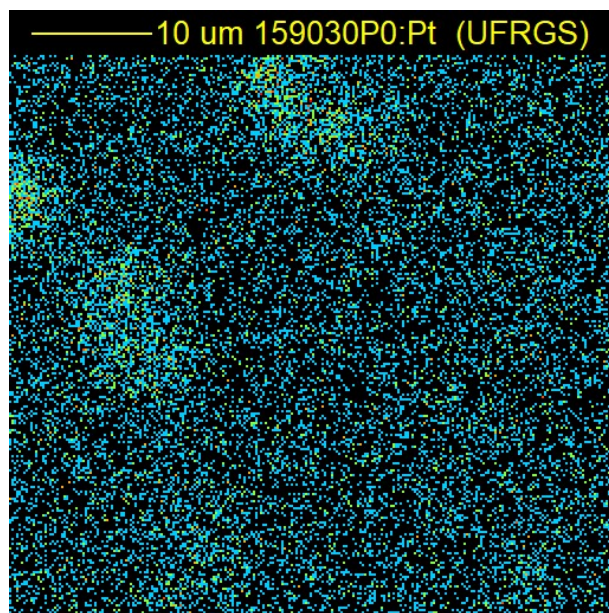


Figure 4: Elemental distribution of platinum following a 24-hour exposure of cells to 20  $\mu\text{M}$  cisplatin. Raw Image.

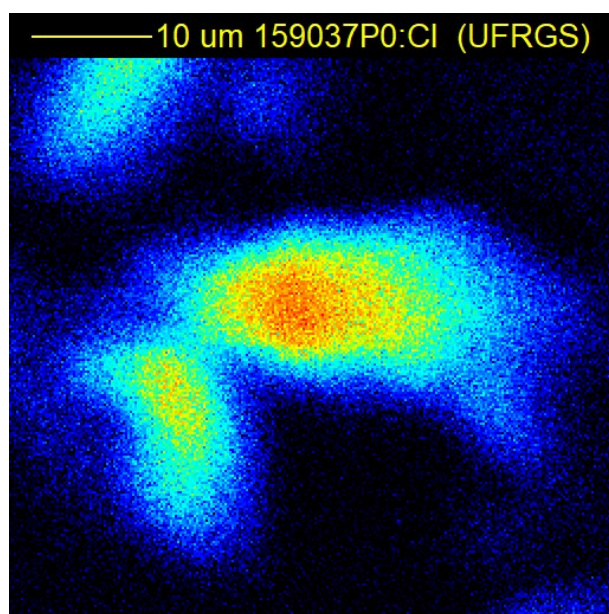


Figure 5: Elemental distribution of chlorine following a 24-hour exposure of cells to 100  $\mu\text{M}$  cisplatin. Raw Image.

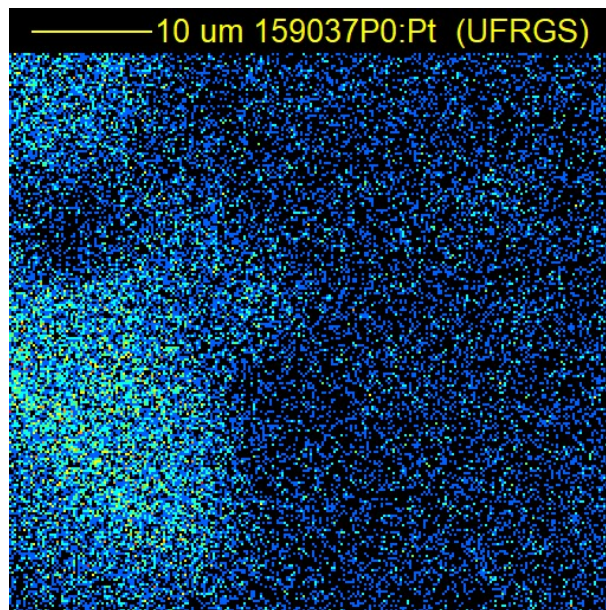


Figure 6: Elemental distribution of platinum following a 24-hour exposure of cells to 100  $\mu\text{M}$  cisplatin. Raw Image.

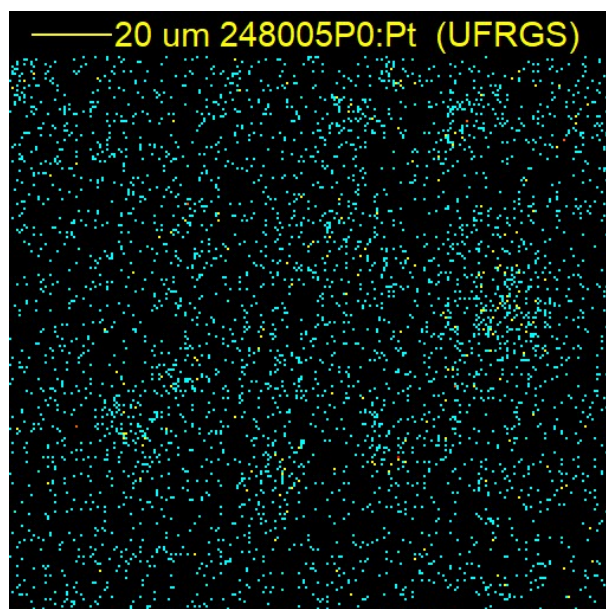


Figure 7: Elemental distribution of platinum following a 24-hour exposure of cells to 100  $\mu\text{M}$  cisplatin. Raw Image.