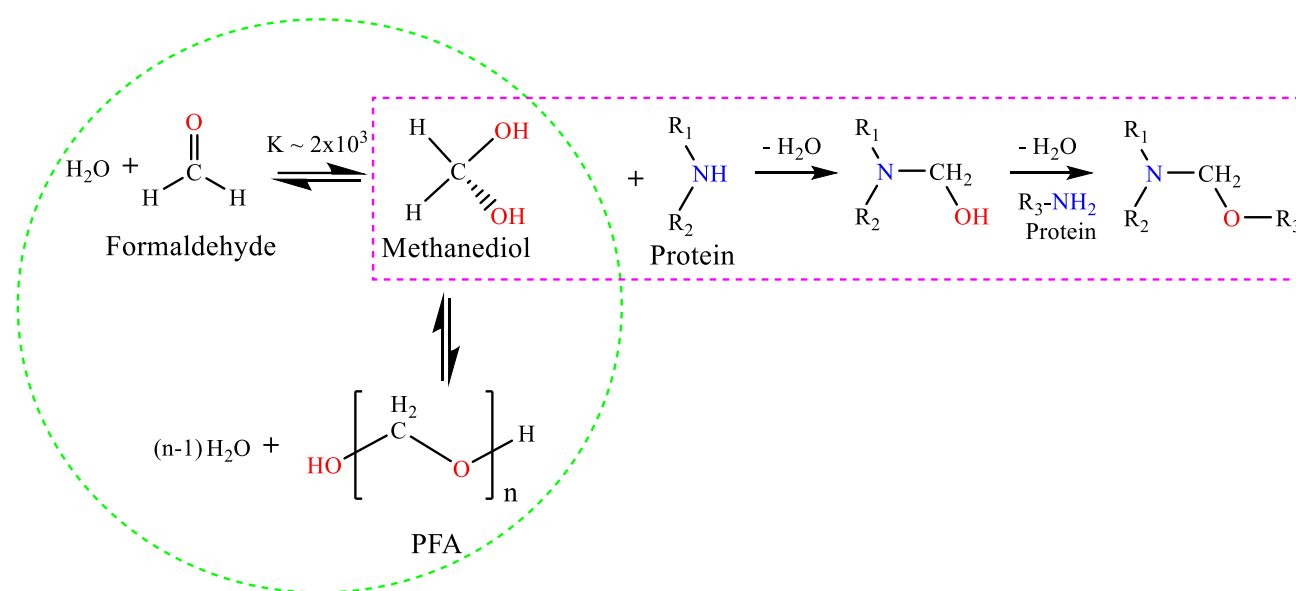


Supporting Information

Quantitative determination and subcellular mapping of Pt-based drugs in single breast tumour cells via Laser Ablation – ICP-Mass Spectrometry

Legna Colina-Vegas, Thibaut Van Acker, Wilmer Villarreal, Olivier De Wever, Alzir Azevedo Batista, Joaquim de Araújo Nóbrega and Frank Vanhaecke*



Scheme S1. Equilibrium of aqua-formaldehyde (---). Cross-linking reaction of proteins (---).

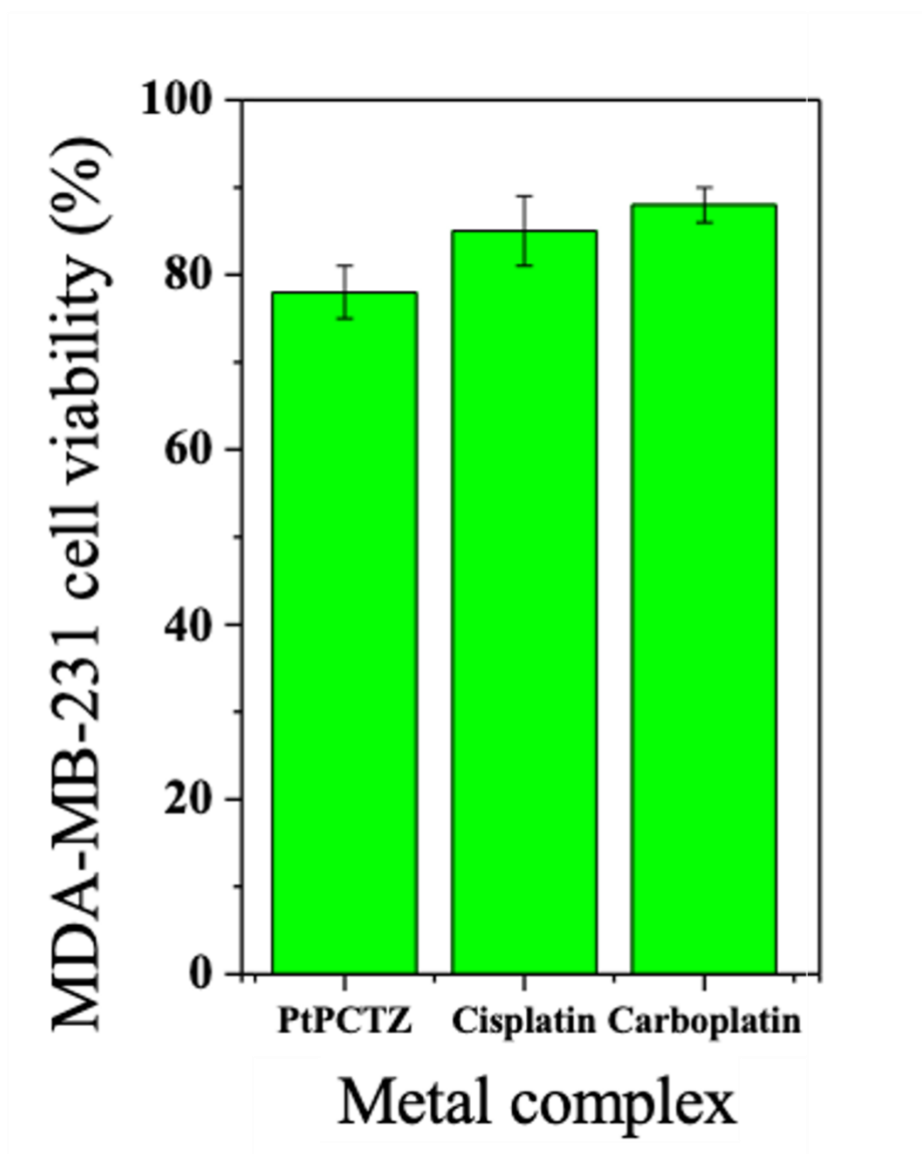


Figure S1 . Cell viability of MDA-MB-231 cells after incubation with Pt-based complexes for 24 h.

Control

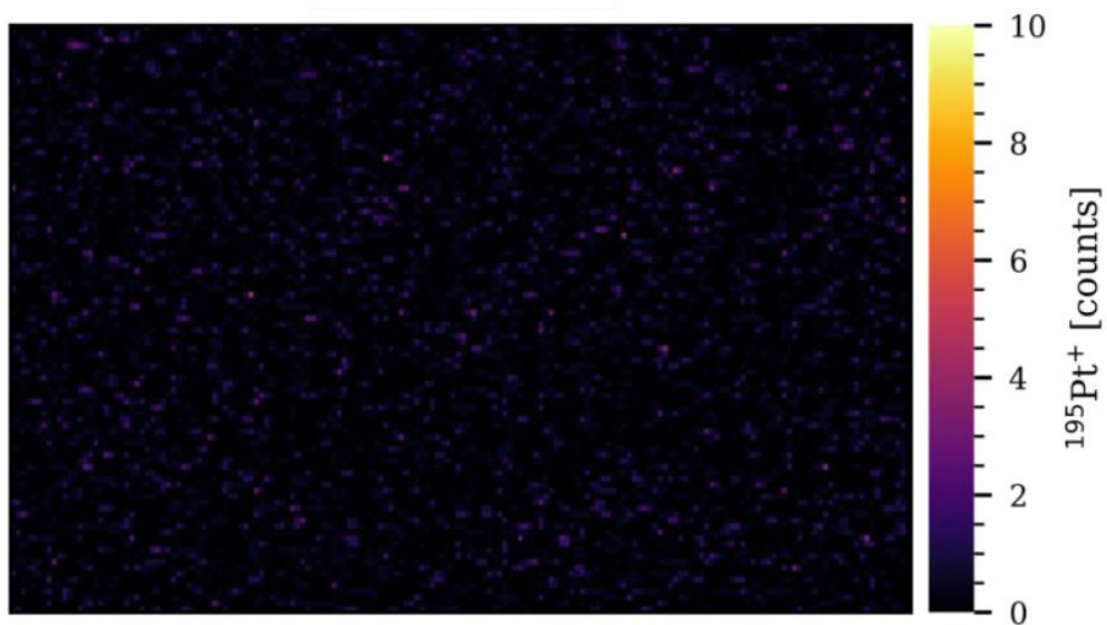


Figure S2. LA-ICP-MS map displaying the $^{195}\text{Pt}^+$ signal intensity within single TNBC MDA-MB-231 control cells

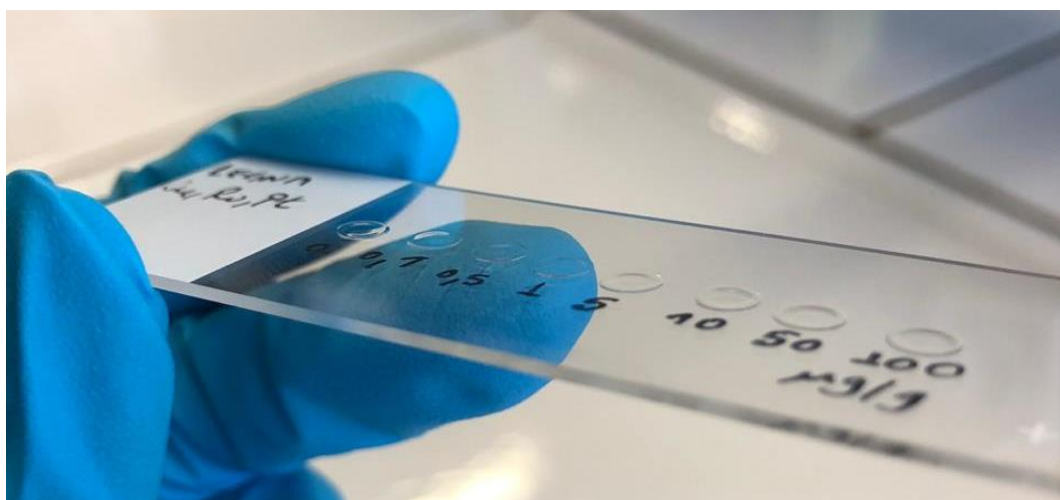


Figure S3. Gelatin droplet standards deposited on a glass microscope slide.