SUPPORTING INFORMATION

Cell Penetrating Peptides (CPP) gold (III) - complex - bioconjugates: from Chemical Design to interaction with cancer cells for Nanomedicine Applications

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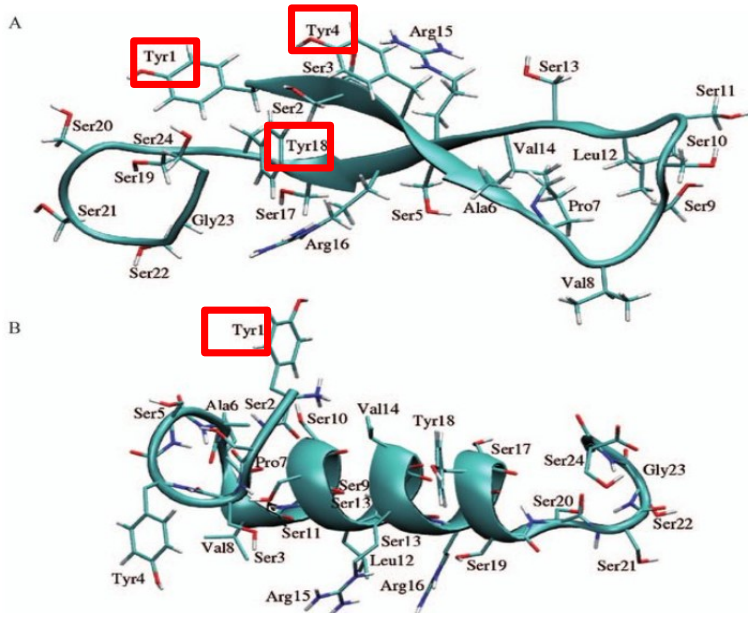
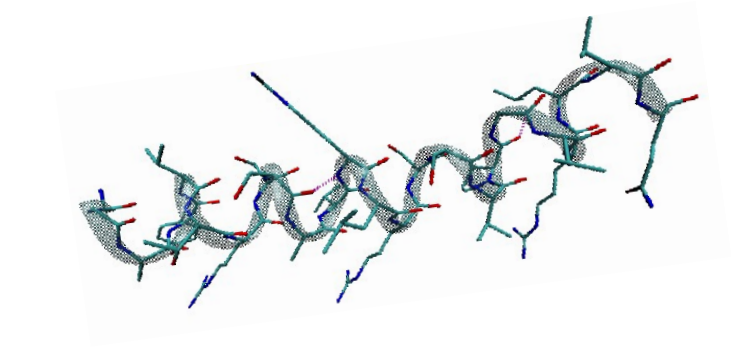
NFL-TBS.40-63



VIM



TAT

Figure S1: Schematic structures of NFL-TBS.40-63, VIM and TAT-peptides as previously described in literature[29,30,36].

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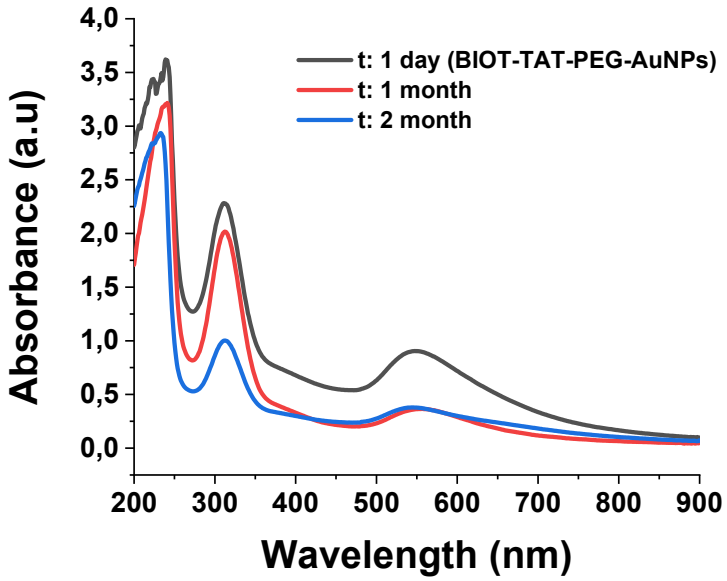
A)



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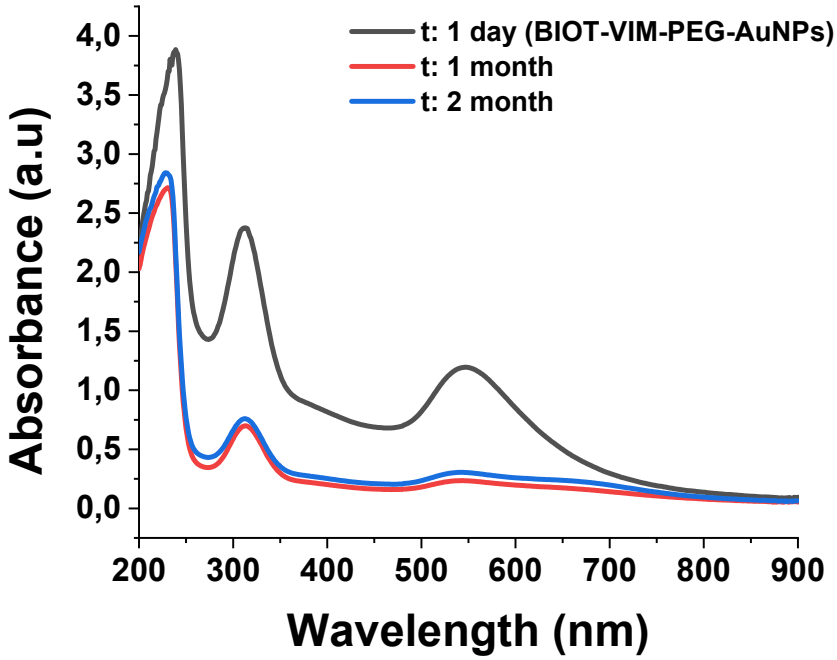
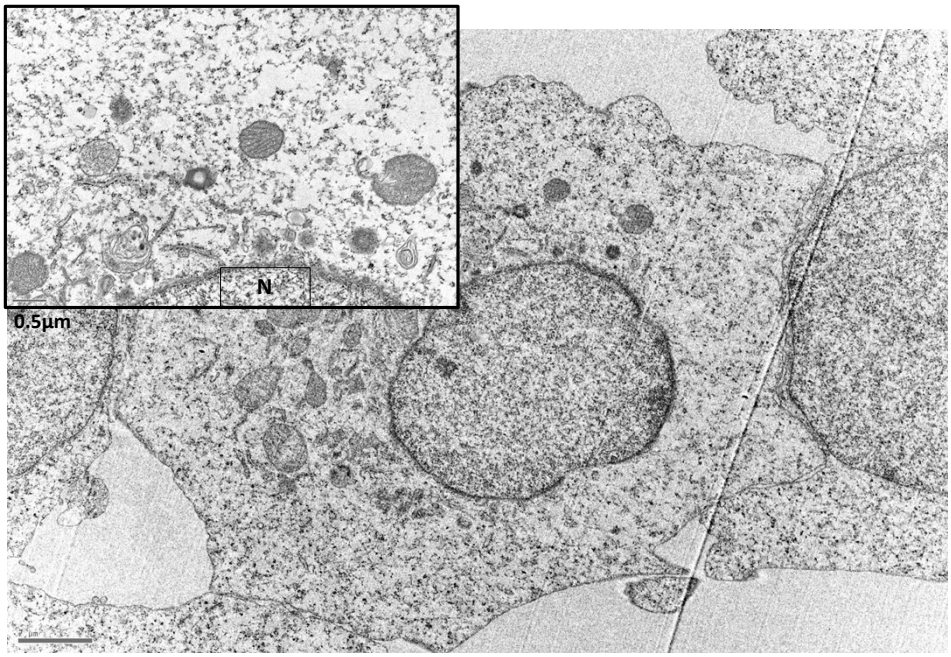


Figure S2: UV-Vis spectra of A) BIOT-TAT-PEG-AuNPs and B) BIOT-VIM-PEG-AuNPs under experimental conditions a t: 1 day (grey line) and after 2 months (blue line).

A)



B)

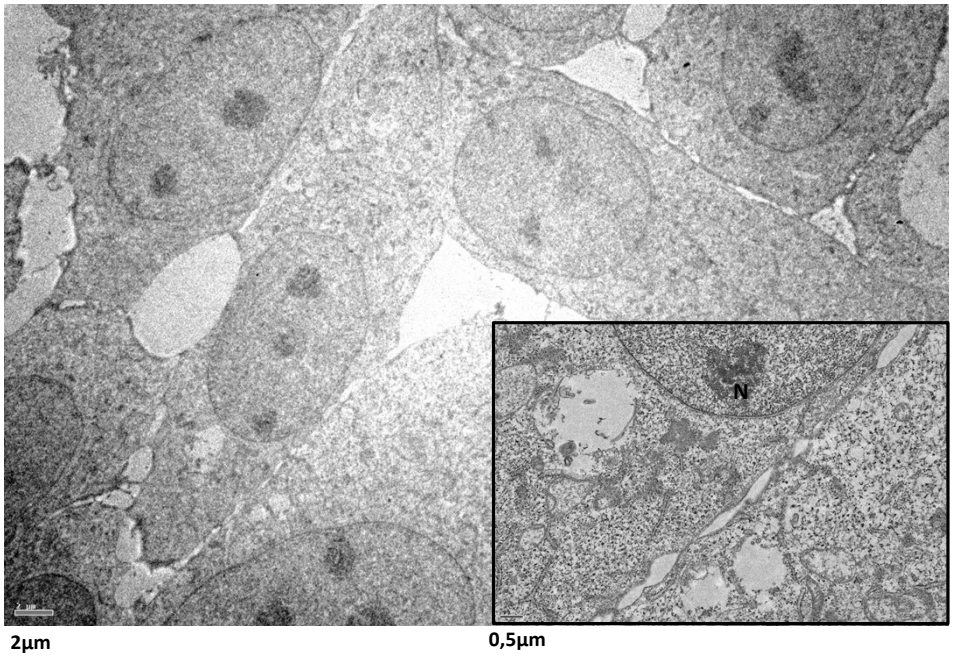
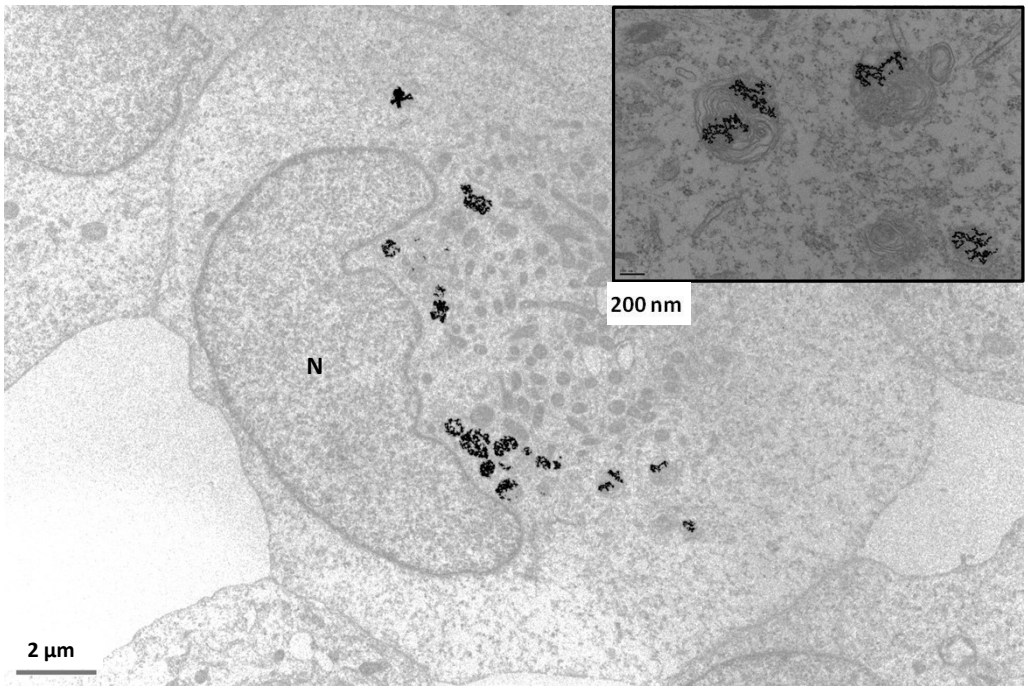


Figure S3: Transmission electron microscope (TEM) images of **A)** Mia PACA-2 and **B)** F98 cells as negative control (NT). N for nucleus.

A)



B)

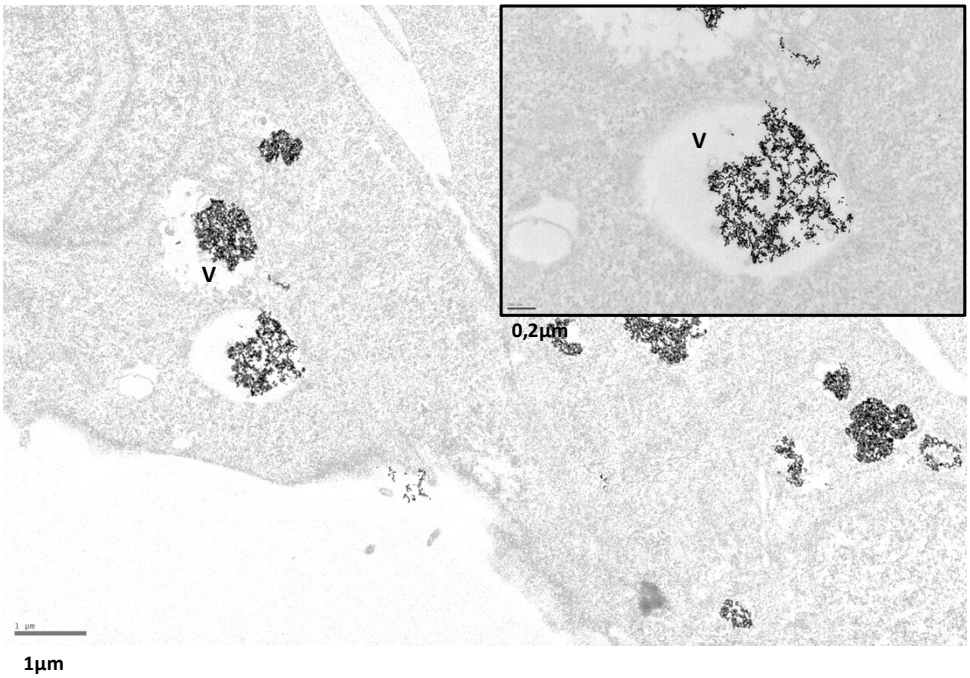


Figure S4: TEM images of **A)** Mia PACA-2 and **B)** F98 cells treated with PEG-AuNPs at 500 µmol/L for 72 hours. N for nucleus and V for vacuoles.