



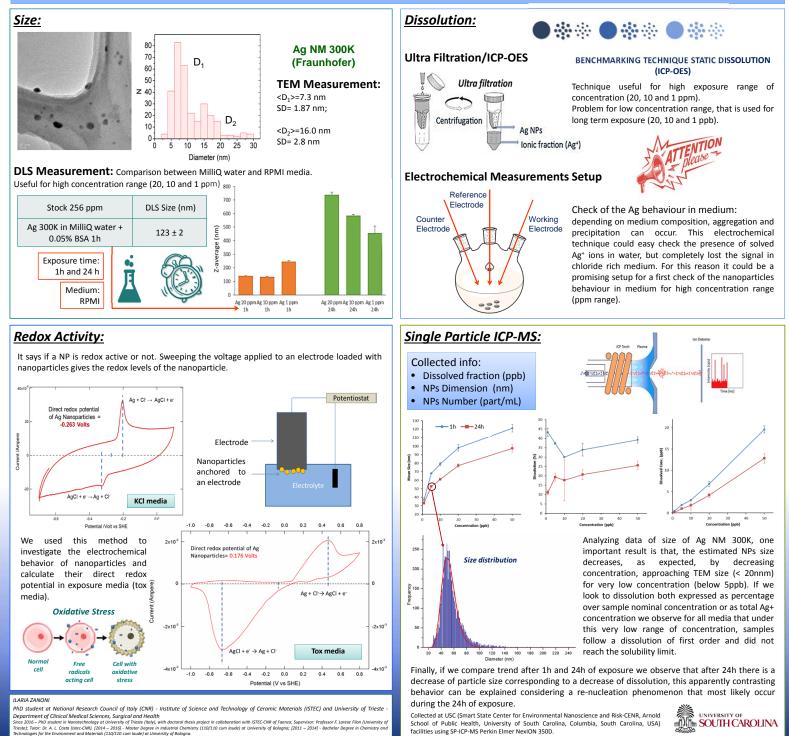


"Silver nanoparticles 300K characterization in biological compartments for high and low exposure range"

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Project summary – Silver nanoparticles are well know for their very promising antibacterial properties, that are influenced by their size and silver ions amount realised in the environment or human media. Aggregation and dissolution ability of silver are the main driving forces that determine final antibacterial outcome. Nevertheless, concentration range can change size and ions release. All these contributes have to be evaluated for a full nanoparticles characterization within medium. For this reasons, the aim of this work is to characterize PATROLS Ag 300K NPs at high and low exposure concentration in water and in RPMI media, trying to mimic the behaviour at short and the long term exposure.



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