

Daniel Rodríguez Ajamil

ESR 13

Institution: Tel Aviv University
Group: Drug Delivery and Pharmacology
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Meeting 1
Eindhoven, 26th March 2019



**Universitat Autònoma
de Barcelona**

BSc in Nanoscience and
Nanotechnology (mention in
Biotechnology) 4 years



**Vall d'Hebron
Institut de Recerca**

MSc in Translational Biomedical
Research. 1 year

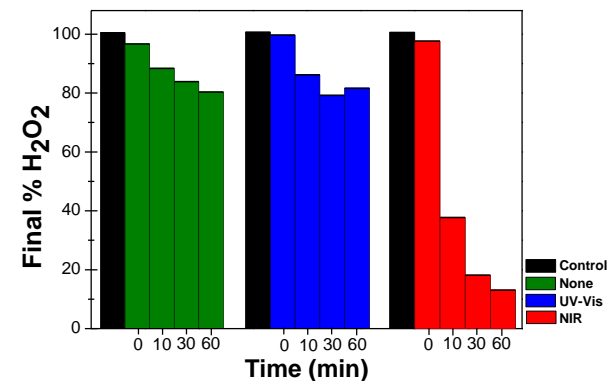
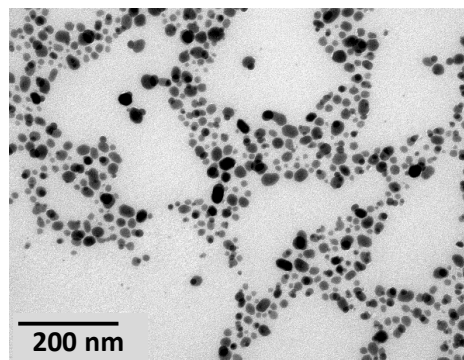


Training stay. 2 month: TEM, SEM and
Inorganic Nanoparticles Synthesis

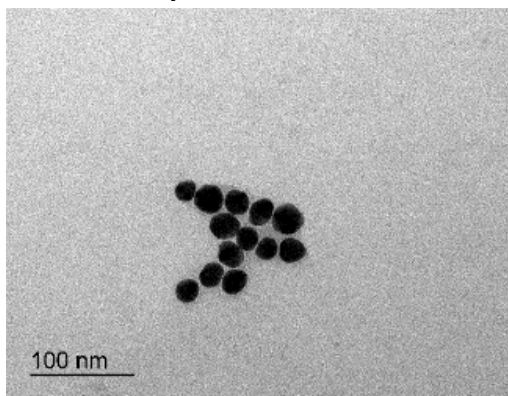
Inorganic Nanoparticles:

- Synthesis and Characterization: Ag, Ag₂S, Au, Fe₃O₄, CeO₂...
- Protein and Antibody Corona
- Catalysis
- Magnetism

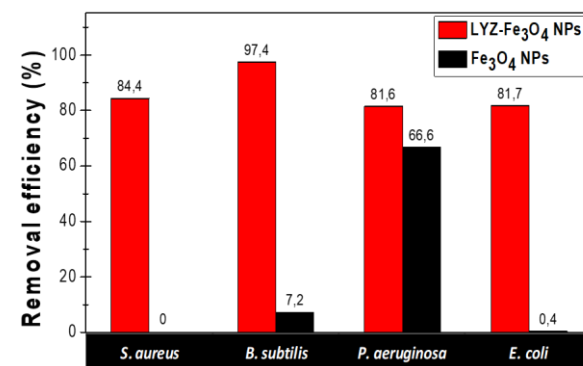
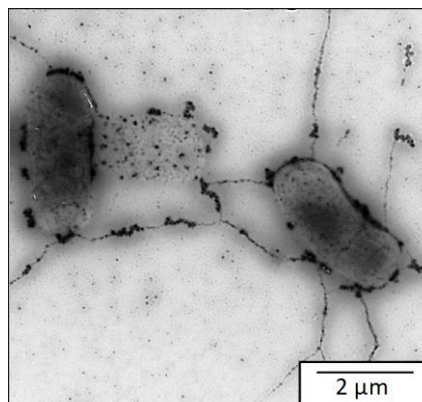
Ag₂S NPs: ROS scavenging and Imaging in the NIR



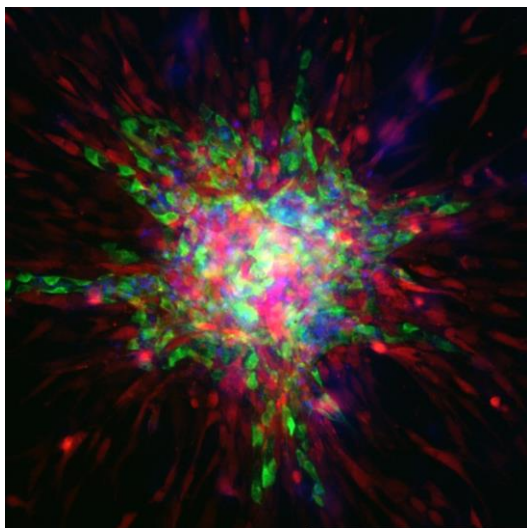
Au NPs: Protein and Antibody Corona



Lyz-Fe₃O₄ NPs: Bacteria Capture



3D Cell Culture



In Vivo



NMR



Polymer Synthesis

