

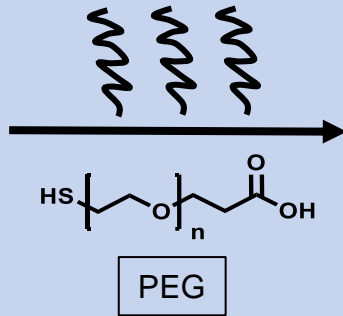
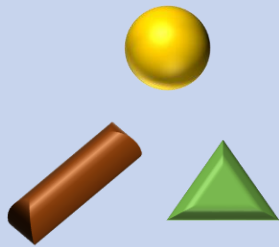
# Engineering Gold Nanoparticles Surface for Biotechnological Applications

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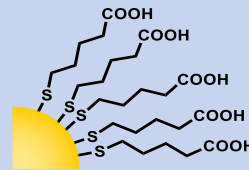
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## Preparation of gold nanoparticles

### Synthesis



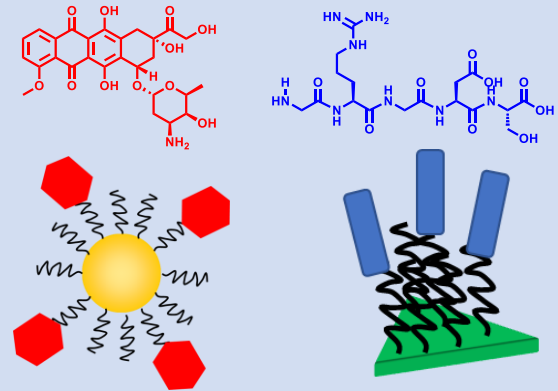
### Stabilization



Physicochemical study of the surfaces

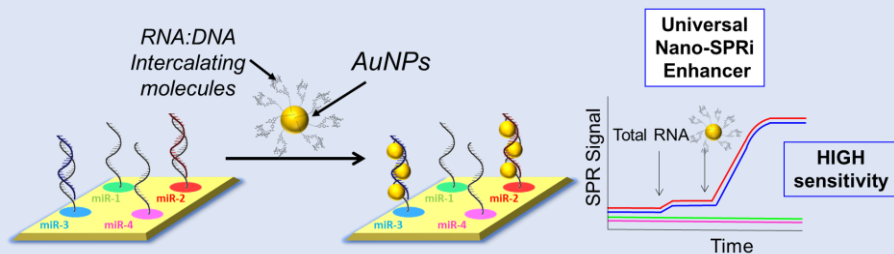
ACS Appl. Mater. Interfaces **2021**, 13, 23, 27533–27547

## Functionalization



Nanomaterials **2020**, 10, 3, 1–10

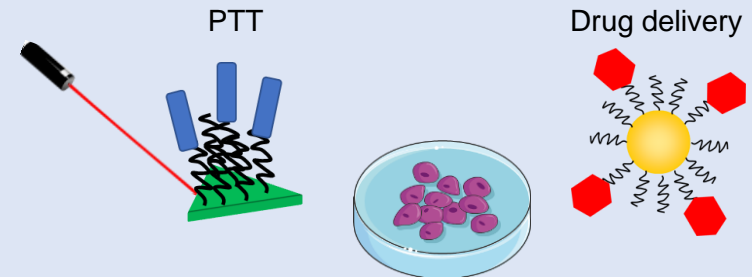
## Biosensors



Detection of Multiple Sclerosis (MS)

Anal. Bioanal. Chem. **2019**, 411, 9, 1873–1885

## Treatment



Treatment for cancer

Unpublished results