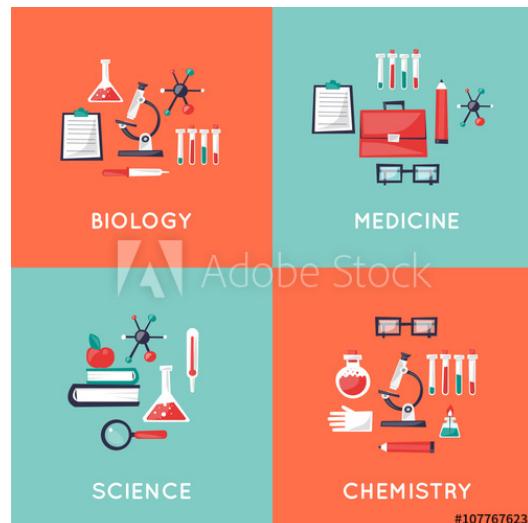
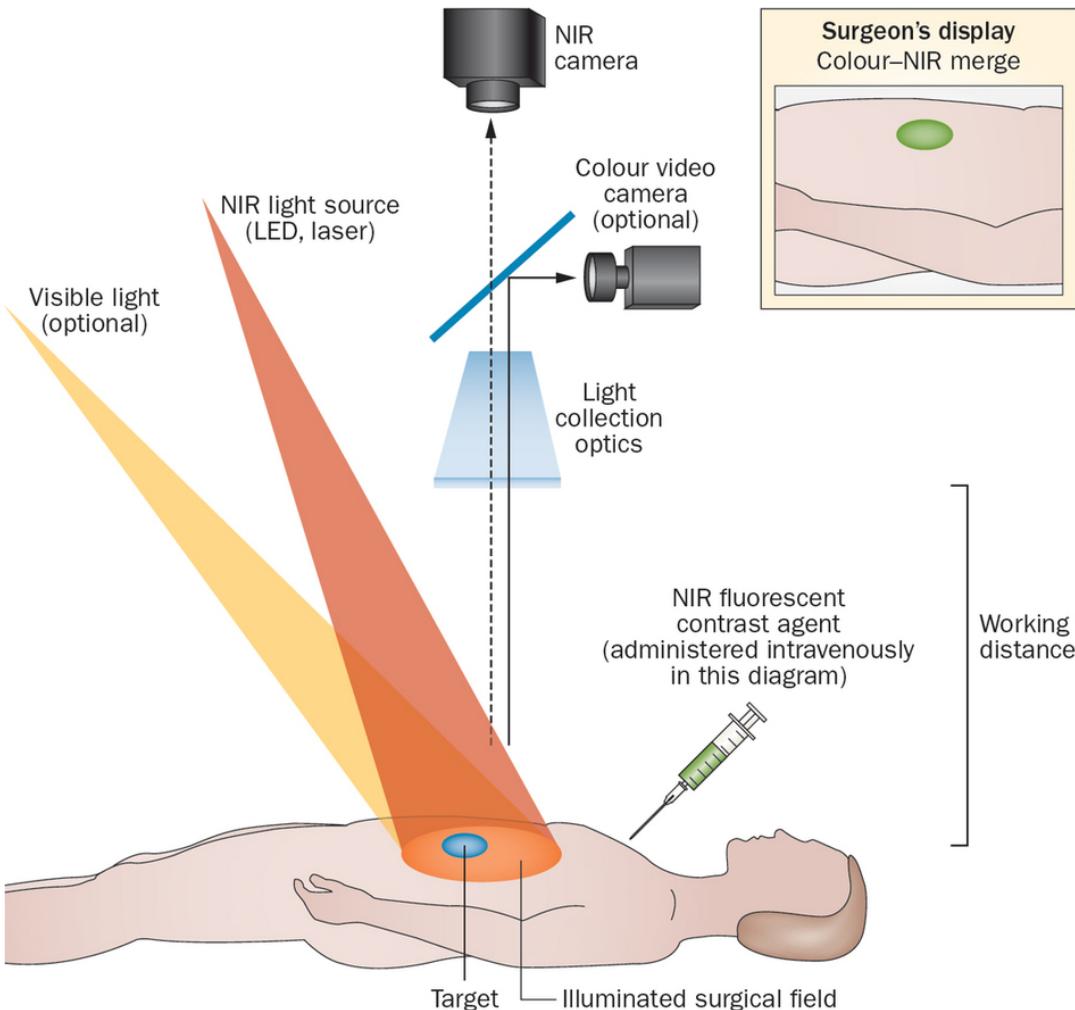


# "Nanoparticles for biomedical imaging"

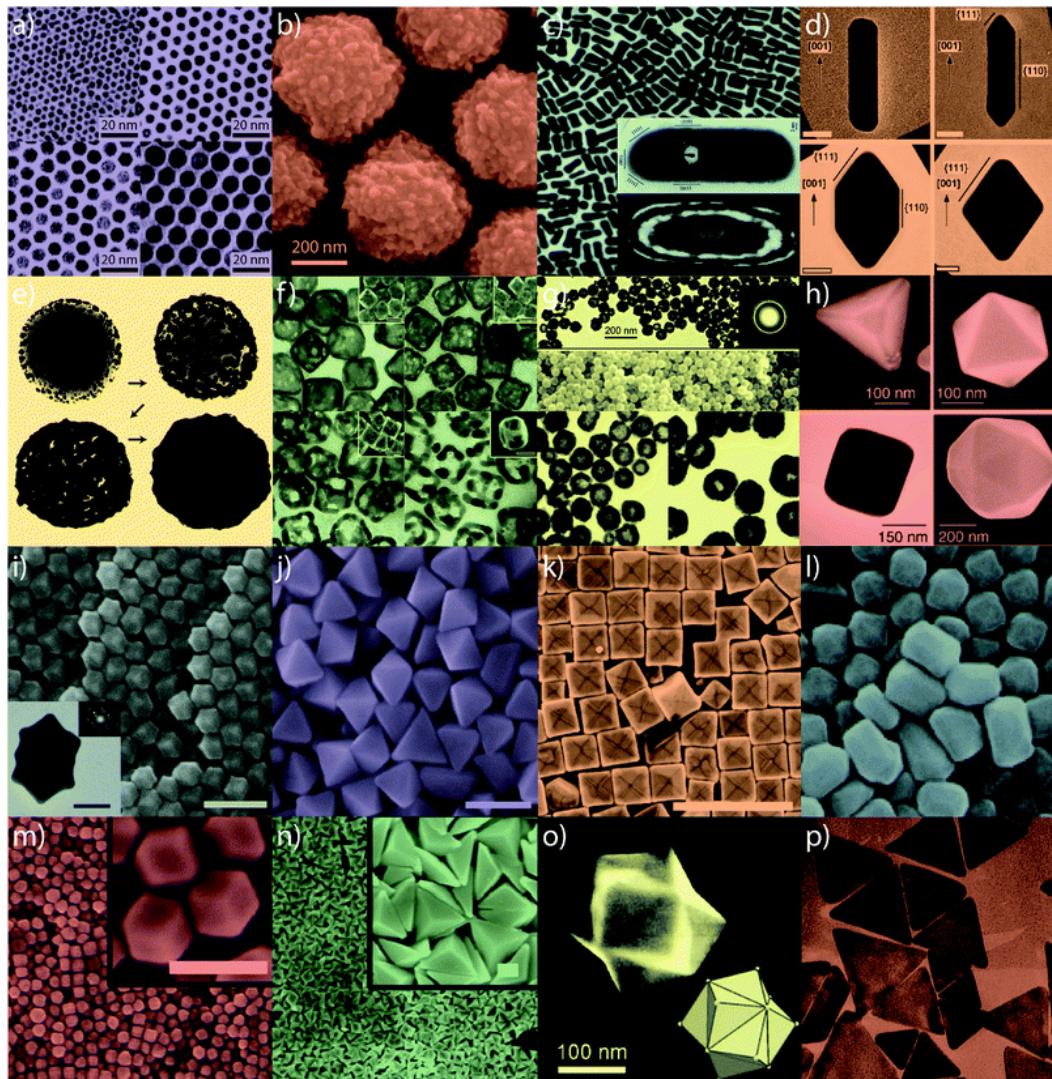
*Fluorescence Imaging Group*  
*Universidad Autonoma de Madrid*  
*SPAIN*



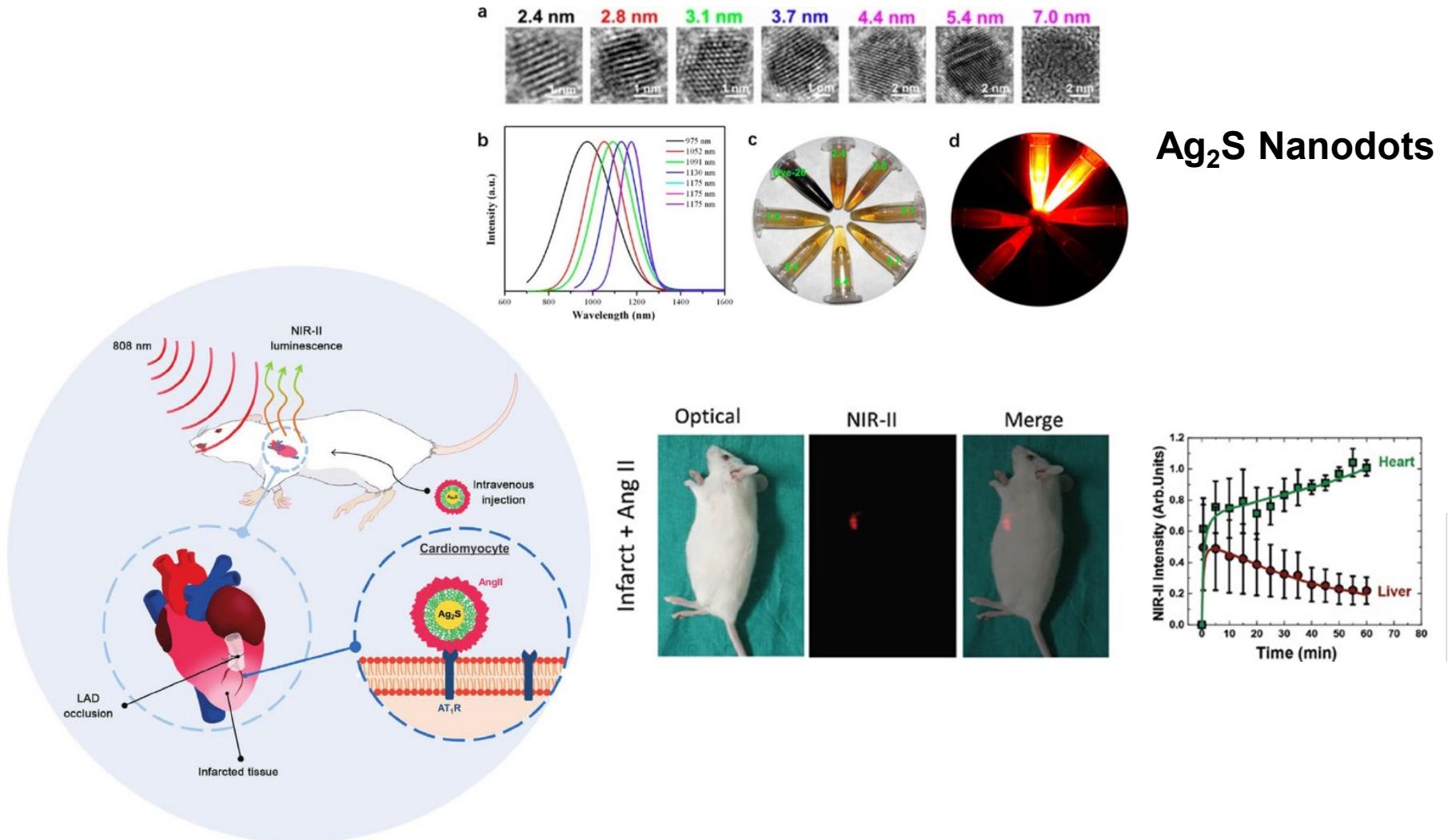
# Our objective: Clinical fluorescence imaging



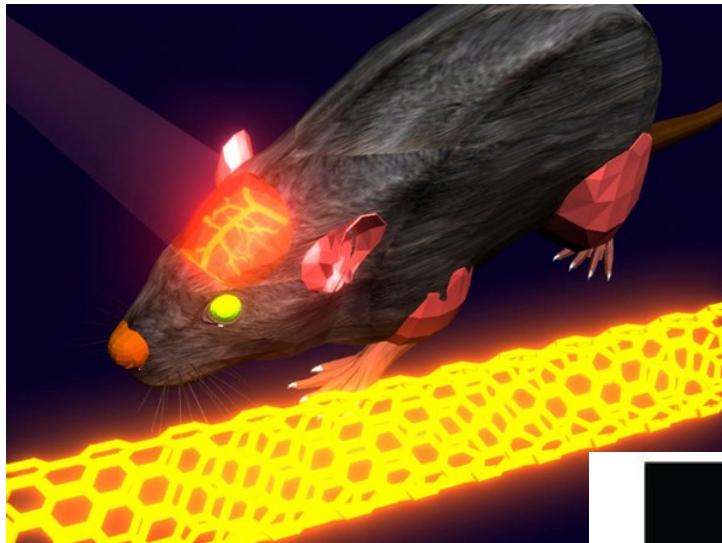
# Optical nanoparticles as contrast agents



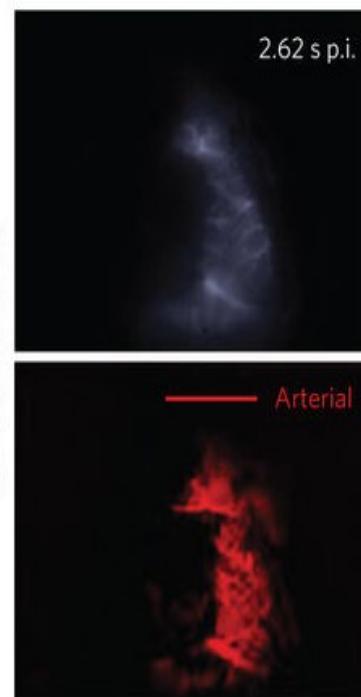
# Future cooperation lines: In vivo Molecular Imaging for infarct detection and diagnosis.



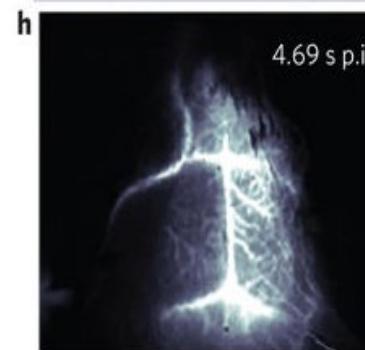
# Future cooperation lines: Nanoparticles for brain imaging



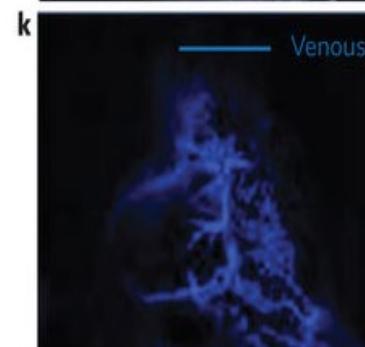
MCAO (stroke model)



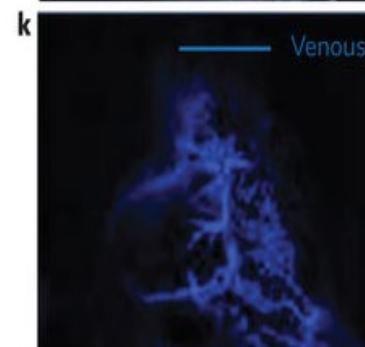
2.62 s p.i.



4.69 s p.i.



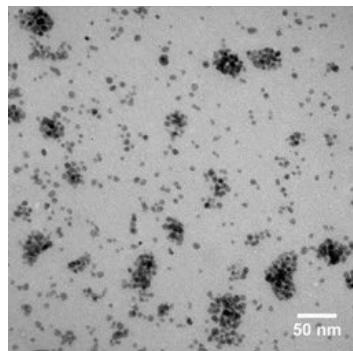
18.56 s p.i.



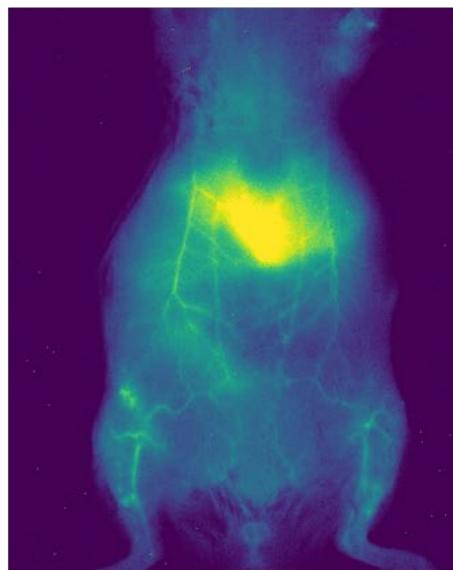
Arterial  
Venous

# Future cooperation lines: Nanoparticles for cardiovascular imaging

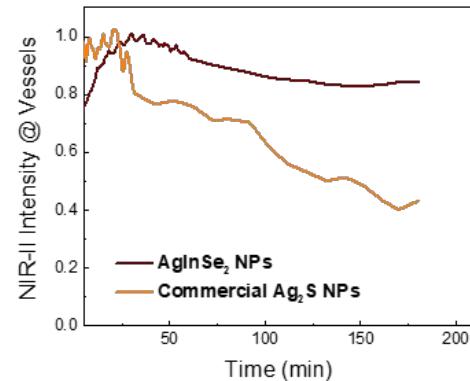
**AgInSe<sub>2</sub>**



**NIR-II Image**



**Circulation time**



**Component analysis**

