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# Regenerative medicine applied to skeletal muscle:

## PRP, exercise and stem cells for therapy in muscle injuries in rat model

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## n·TRACK

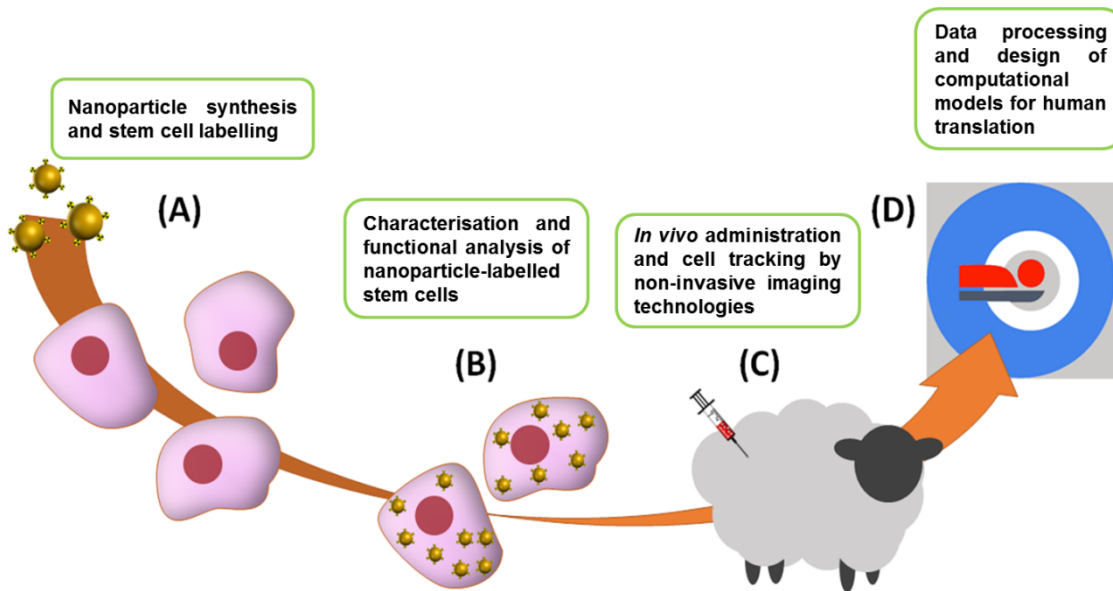
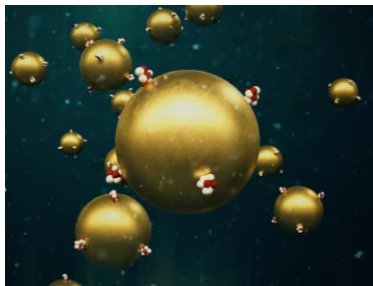
Multimodal nanoparticles for structural & functional tracking of stem cell therapy on muscle regeneration



# MUSCLE INJURY: Large Animal model

nTRACK aims to develop a safe, scalable and highly sensitive multimodal cell nano-imaging agent ready for first-in-humans cell tracking and assessment of stem cell therapy effectiveness on muscle regeneration

Multimodal nanoparticles  
for stem cell tracking



In the context of nTRACK we are scaling the skeletal muscle injury model generated in rats to large animals (sheep model)

