

1° Year of Phd in NANOSCIENCE

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Supervisor: Dott. Gianpiero Garau





National Enterprise for nanoScience and nanoTechnology





ATTENDED COURSES (with final exam):

- Introductory Quantum Physics
- Fundamentals of Biophysics at the Nanoscale
- Physics of the living cell

OTHER PHD ORIENTED ACTIVITIES:

- Ciclo di seminari Biophysical sciences
- Scientific data analysis school





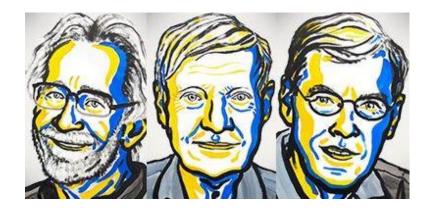




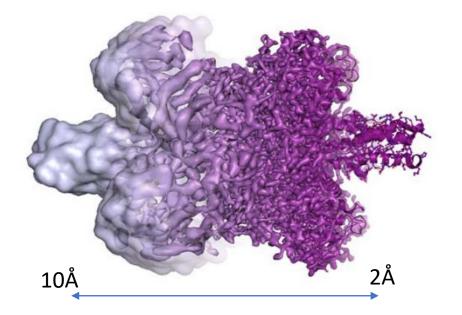


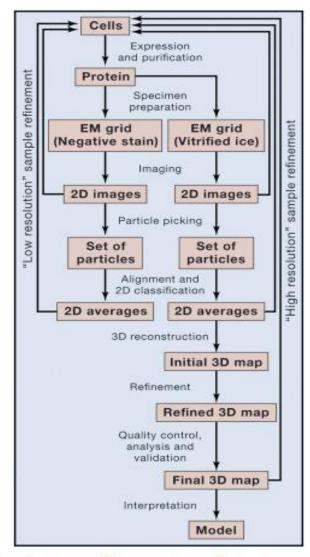
SINGLE PARTICLE CRYO-ELECTRON MICROSCOPY

The Nobel Prize in Chemistry 2017



Dubochet – Frank - Henderson





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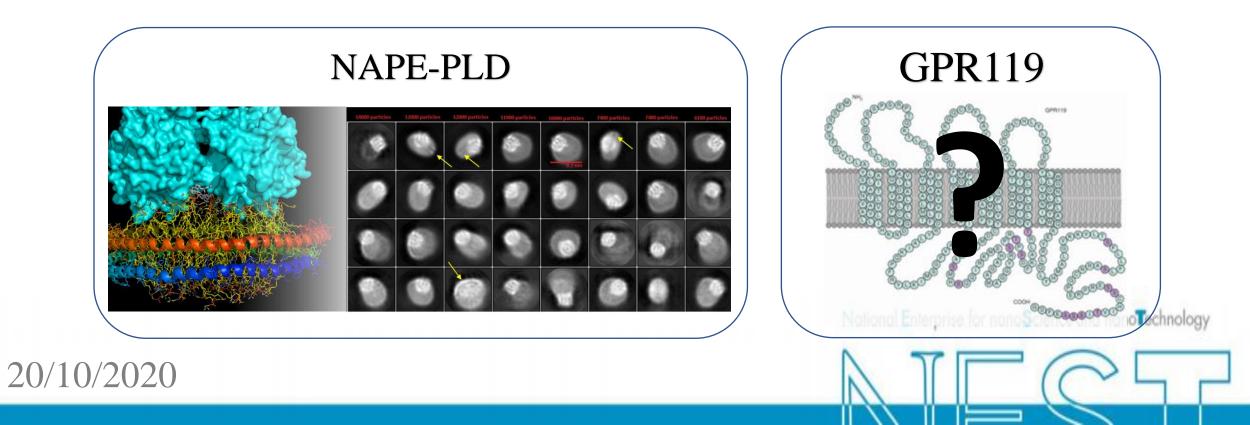




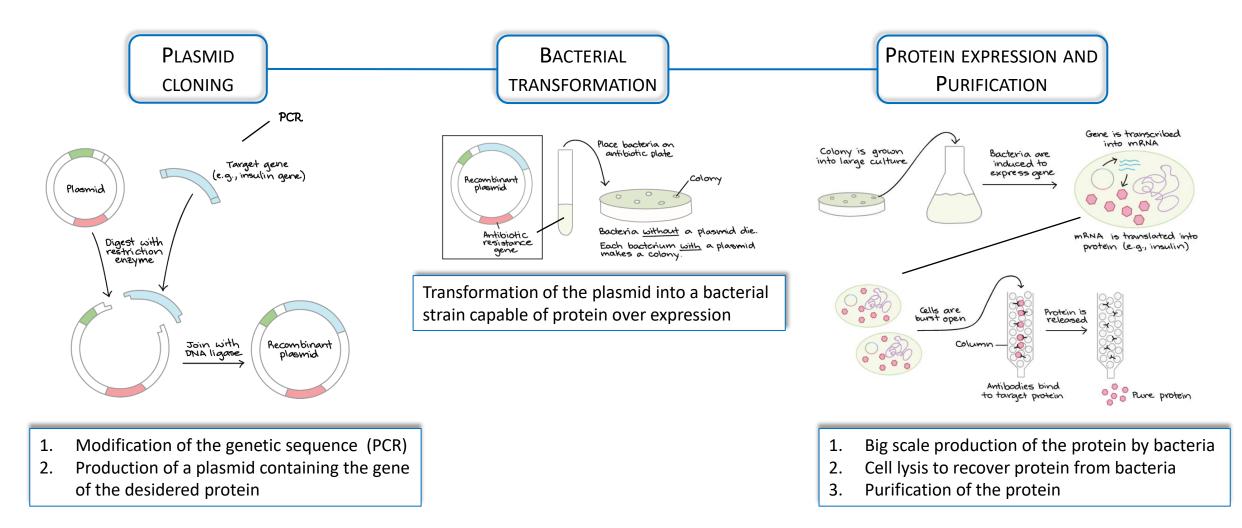
PHD OBJECTIVES



- 1. Acquire knowledge for images acquisition, data processing and 3D reconstruction of membrane proteins by cryo-EM
- 2. Determine the structure of the membrane receptor GPR119 by cryo-EM



Recombinant protein expression



20/10/2020