



Master project 2021-2022

Personal Information

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Project

Structural bioinformatics

Project Title:

Improvement and application of the blind docking technique

Keywords:

Docking, allosteric inhibitors, virtual screening, high performance computing

Summary:

Improvement and application of the Blind Docking technique developed in our group (<https://bio-hpc.ucam.edu/achilles/>). Several research lines are available in this context: a) application to drug discovery problems we are working on (Zika virus, colorectal cancer, diabetes, or others that you can propose), b) improvement of the blind docking algorithm, c) massive processing of the whole PDB database

References:

None

Expected skills::

None

Possibility of funding::

To be discussed

Possible continuity with PhD: :

To be discussed
