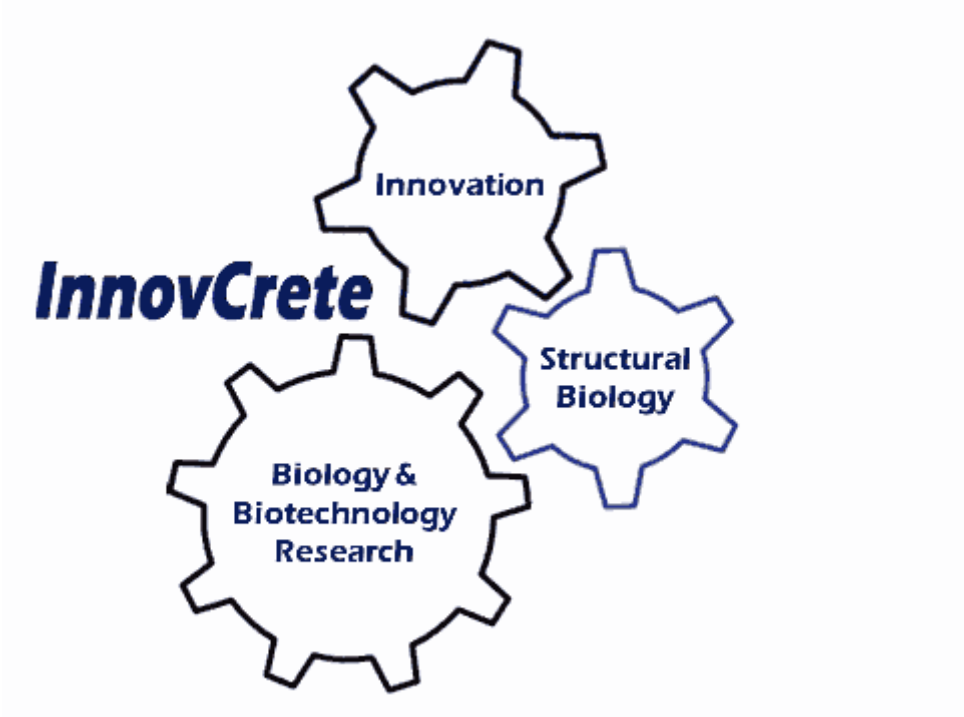

A new project for the enhancement of Structural Biology in Crete

Structural biology elucidates the structure and the function of biological macromolecules, such as proteins and nucleic acids, which underpin most cellular functions.

A proposal entitled "InnovCrete: Unlocking the innovative capacity of multidisciplinary structural biology-driven research in Crete" has been recently favourably evaluated and recommended for funding in the framework of the EU FP7-REGPOT programme.

The aim of InnovCrete is to create an environment for high-profile, integrated structural biology research which will significantly enhance the innovative capacity of biology and biotechnology projects at IMBB. Managed by IMBB and including eight excellent European partnering organizations, the project will create a multiscale research platform for established and emerging structural biology techniques. Six key areas are supported: (1) macromolecular X-ray crystallography/ nanocrystallography, (2) small-angle X-ray scattering, (3) advanced biological imaging (4) electron microscopy (5) protein production and (6) molecular modelling. The ultimate long-term vision of InnovCrete is to turn IMBB into a leading Centre of Excellence in Structural Biology, capable of catalyzing innovation in Crete and in Europe.

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