Opticryst

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Research Areas

- Tool Development
  - Innovation
- Basic Research
- Product Development
  - Device

At a Glance

- Status: Completed Consortium
- Year Launched: 2006
- Initiating Organization: European Commission's 6th Framework Project
- Initiator Type: Government
- Location: Europe

Abstract

The OptiCryst STREP aims to take a leap forward scientifically and commercially to obtain high-quality crystals of proteins, which are proving difficult to crystallize, providing a support platform for Europe's Structural Genomics initiatives that are struggling to deliver structures. Protein crystallization has gained a new strategic and commercial relevance in the post-genomic era due to its pivotal role in Structural Genomics: producing high-quality crystals has always been a bottleneck to structure determination, and this problem is becoming increasingly acute within worldwide initiatives.

Mission

Opticryst has 2 key objectives: Develop and commercialize new, improved methods and equipment to obtain high-quality crystals of proteins difficult to crystallize; develop a platform for supporting the Structural Genomics initiatives in Europe struggling to deliver the number of structures that was hoped for. In conclusion, OptiCryst is designed to establish a new state-of-the-art in protein crystallization. Our consortium of commercial and academic partners will give Europe a leading role in an area crucial to improving human health and the economy.
Structure & Governance

OptiCyrst is a project of the European Commission's 6th Framework Programme

Financing

Funded under the European Commission’s Specific Target Research Project

Links/Social Media Feed

Homepage  http://cordis.europa.eu/project/rcn/85043_en.html

Points of Contact

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