

MAXCOAT - Functional cell culture labware: Combining innovative surface coating technology and new in-line production process

Background

The biotechnology industry and cell research institutes throughout Europe perform cell culture in sterile disposable labware. Today, most coated labware is prepared manually by the researchers, by incubating a sterile protein solution in the desired culture dish. Thus, there is a high demand for novel high standard cell culture labware with additional functionalities.

Project

MAXCOAT is a two-year research and development project. It is funded by the European EUREKA's Eurostars Programme which represents the first European funding and support programme to be specifically dedicated to small and medium sized enterprises (SMEs). The project is coordinated by TPP Techno Plastic Products AG (TPP), a Swiss family-owned SME, who has been manufacturing a range of high quality plastic products for tissue culture and laboratory technology for over 40 years.

Funding programme:
EUREKA's Eurostars Programme



Project start:
15 April 2010

Project duration:
24 months

Project coordinator:
Mr Rolf Tanner
TPP Techno Plastic Products AG,
CH

TPP's products are used worldwide by biotechnology research and development departments, institutes and high schools and for general laboratory work.

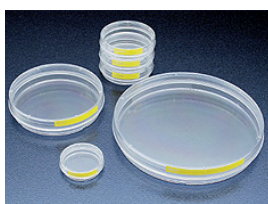
Objectives

The main goal of the project consortium is to develop the next generation of innovative labware with a highly sophisticated coating that provide cells a "natural", reproducible and sterile environment. One of the key challenges will be to manufacture these products on fully automated production lines.

Project participants:

- InMold Biosystems A/S, DK
- Swiss Federal Institute of Technology Zurich, CH

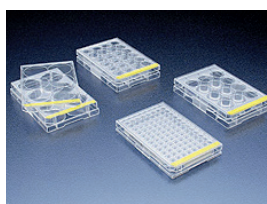
Service provider:
accelopment AG, CH



Tissue culture dishes



Tissue culture flasks



Tissue culture test plates

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