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SUCCESS STORIES

NANO-VIGIL: Visible Light Photo-degradation of Organic Matter Using Semiconductor Nanoparticles for Hygiene Applications

PROJECT DESCRIPTION

The objective of the project is to design and synthesize visible light activated antibacterial hygiene photocatalytic coatings for control of MRSA and similar Healthcare Associated Infections.

The development of room light active photocatalysis will be commercially exploited to offer high standard hygiene control in Irish, Finnish, other European and other hospitals worldwide.

PARTNERS:

Project coordinator: Centre for Research in Engineering Surface Technology (CREST)
(R&D and Coordination), **Ireland**

Project partners: School of Chemical and Pharmaceutical Sciences, DIT, **Ireland**
VTT Technical Research Centre, **Finland**
General Paints Ltd., **Ireland**
Soft Protector Ltd, **Finland**
University of Helsinki, KTTL, **Finland**
Millidyne Oy, **Finland**

PROJECT DURATION AND TOTAL PROJECT COST:

Duration: 01/10/2006 – 30/09/2009

Cost: 1.170.000 Euro

CONTACT:

Coordinator: Dr. Suresh Pillai
E-mail: suresh.pillai@dit.ie
Tel: 353-1-4027940