



How businesses can access technical and specialist support in relation to infectious disease products

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for the North West Coast

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ERDF SME Support Programme

iiCON's Formulated Materials for Infectious Disease Prevention programme aims to overcome roadblocks to product development in the formulation of infectious disease products by providing Merseyside SMEs access to state-of-the-art equipment and skilled personnel.

Businesses can access (no-cost) support within Liverpool School of Tropical Medicine or the University of Liverpool.

Objectives

- Support local SMEs.
- Provide technical support to generate data to solve problems or progress innovations.
- Help introduce new products to the company and/or to market
- Create jobs in supported enterprises

ERDF SME Support Programme

- Eligible business can access expertise within three workspaces to problem solve, understand technology performance or generate important data.
- Businesses can be from many sectors - engineering, chemicals, agriculture, medical devices and more.
- iiCON:
www.infectioninnovation.com

Three open access workspaces to support product development

Workspace 1

SCREENING FOR AMR EMERGENCE



AMR testing platforms combined with a microbiology suite in the Materials Innovation Factory (MIF)

Workspace 2

NOVEL SURFACES & MATERIALS



A surface chemistry suite in the Open Innovation Hub for Anti-Microbial Sciences

Workspace 3

DIAGNOSTIC EVALUATION



A diagnostics and engineering suite enabling the incorporation of computer aided design, cloud computing, AI and machine learning

ERDF SME Support Programme

Project example:

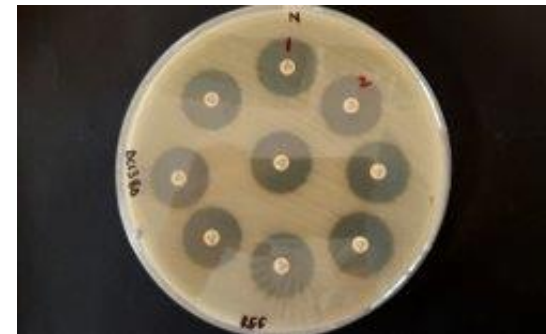
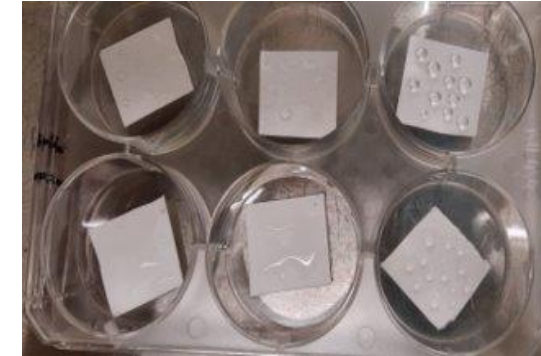
Business: Amdel Medical Formulation

- Microbiologists tested the products against multi-drug resistant bacterial and fungal pathogens, AmDel's biocide products were challenged in the laboratory with clinically problematic microorganisms.

FINDINGS

AmDel products have potent efficacy against clinically relevant antimicrobial resistant strains.

AmDel
Medical
A James Lyon & Co. Company



ERDF SME Support Programme

Project example:

Business: Bio Data Networks Limited (BDN)

- Evaluation sewage surveillance - Evaluation of a new device to detect outbreaks of COVID-19 and other infectious diseases across communities through a sewage monitoring system.
- Samplers were installed in LSTM grounds. The group looked to detect RNA indicative of a particular virus infection within a sewage sample.



FINDINGS

The subsequent molecular detection methodology, showed excellent results in identifying specific viral genes within sewage in under 30 minutes.



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Liverpool City Region Health Matters



Our purpose

Why does Health Matters help?

To help businesses with solutions that improve health outcomes to access the health and care markets





Liverpool City Region Health Matters



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Our purpose

Why does Health Matters exist?

Health Matters helps established and emerging businesses in the Liverpool City Region launch innovative products and services into the health and care market.

Providing business support services and real-world evidence that their innovation will positively impact the health economy of the City Region and beyond.



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Liverpool City Region Health Matters



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Our experienced team can help with...

- Introductions to senior NHS staff , clinicians and patient groups
- Product positioning and value proposition
- Understanding the NHS landscape
- Procurement and commissioning
- Business case development
- Pitching and presenting
- Real-world validation
- Funding



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Any questions?



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Thank you.



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