HORIZON EUROPE CASE STUDY

Northern Ireland scientists finding success in Horizon Europe

QUB Researcher awarded €1.5 million to create new antibiotics that can kill drug resistant superbugs

Project has been awarded €1.5 million for a mission to help develop new types of antibiotics that can target and kill bacteria that are resistant to current antibiotics.

Antimicrobial resistance is a major global health threat, accounting for more than five million deaths a year. Deadly infections like pneumonia, wound or bloodstream infections are becoming untreatable as they are resistant to antibiotics.

The Queen's project, led by Dr Stephen Cochrane (pictured) from the School of Chemistry and Chemical Engineering, will run for five years and its key focus is creating new antibiotics that can overcome antibiotic resistance. He will be supported by five early career researchers.

Funding for the project has been awarded by the European Research Council (ERC). Its Starting Grants programme recognises exceptional early-career researchers with excellent track records that show great promise in becoming future research leaders.

ERC grants are the most prestigious awards that scientists can hold in Europe, and this is the twelfth ERC award which has been given to a Queen's University Belfast academic since the scheme opened in 2007.

Dr Cochrane said: "*I'm hugely honoured to have been awarded an ERC Starting Grant. I'm very thankful to my amazing mentors and colleagues for the help and support they provided during this journey. I look forward to building a new research team and tackling such an important global challenge.*"

The UK has now associated to Horizon Europe and with new funding calls opening soon isn't time you considered an application?

Please contact your NICP at www.horizoneuropeni.com for expert support and guidance

Northern Ireland Contact Point Horizon Europe