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The [Dept of Crystallography & Structural Biology Laboratory at IQF](#) is excited to advertise a PhD studentship in HORIZON-MSCA-2022-DN Doctoral Network “CLEAR”

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The discovery of penicillin initiated the antibiotic era and saved millions from dying of life-threatening bacterial infections such as tuberculosis, and pneumonia. Antibiotics also paved the way for complex medical interventions such as organ transplants or cancer treatments. Today, this progress is challenged by the worldwide spread of drug-resistant bacteria no longer responding to antibiotic treatment. The effects of antibiotic resistance are already devastating with at least 1.2 million yearly deaths worldwide. The aim of the EU-funded Doctoral Network “CellEnvelope Antibacterials” (CLEAR) is to train 10 PhD students to become outstanding researchers in the field of antimicrobial resistance (AMR). All projects are embedded in a tight and synergistic academic-industrial collaboration focusing on developing novel leads or alternative strategies to combat drug-resistant bacterial pathogens.

The PhD studentship funded by the MSCA-doctoral network program 101119534 “CLEAR”, is a collaboration between the various universities located in Spain, Ireland, Denmark, Germany, Netherlands, Latvia, Italy, and Belgium. In the CLEAR consortium, 10 creative, entrepreneurial, innovative, and resilient doctoral candidates will be trained in Europe to address the serious and global problem of antibiotic resistance. We are now looking to recruit a motivated and intellectually curious PhD candidate to contribute to this project at the IQF under the supervision of Prof. Juan A. Hermoso.

All details and information here: <https://euraxess.ec.europa.eu/jobs/190957>