**WEBSITE TEMPLATE**

**1. RESEARCH THEME/s; PRP; GI:**

INFECTION AND ANTIMICROBIAL RESISTANCE

**2. PI DETAILS (Name, Pure Link, Twitter Handle & Photo)**

https://pure.qub.ac.uk/portal/en/persons/laura-sherrard(6f570c9d-7d00-4272-a84e-b0ce563ec829).html

@DrLauraSherrard

**3. Research focus (80 words max)**Dr. Laura Sherrard is a qualified pharmacist registered with the Pharmaceutical Society of Northern Ireland. To date, she has been involved in research studies investigating lung infections (e.g. *Pseudomonas aeruginosa*, non-tuberculous mycobacteria) in people with chronic diseases including cystic fibrosis and bronchiectasis. Her major research interests include understanding the adaptation of bacteria to cause chronic infections, characterising mechanisms conferring antimicrobial resistance and studying the microbiome and the epidemiology and transmission of bacterial pathogens.

**4. Research opportunities** 40 words max
Open to PhD applications in the field of microbiology, molecular biology, and microbial genomics

**5. Research students**

Name: Ross McCleave
PhD title: Relationship between antibiotic treatment and development of antimicrobial resistance and clinical outcomes in people with bronchiectasis
Years of Study: 2019-2023
Country: Northern Ireland

Name: Zichuan Li
PhD title: Selection of genomic markers to predict success of antibiotic regimens in chronic infection

Years of Study: 2019-2023
Country: China

Name: Callum Sloan
PhD title: Levofloxacin: Reducing the risk of *Pseudomonas aeruginosa* resistance
Years of Study: 2020-2023
Country: Northern Ireland

Name: Yahya Aljouni
PhD title: Adaptation of *Pseudomonas aeruginosa* in people with bronchiectasis during chronic inhaled treatment

Years of Study: 2020-2023
Country: Saudi Arabia

**6. Alumni - where are they now? (3 Max)**

Name:

PhD title:

Years of Study:
Country:
Current position:

Name:
PhD title:
Years of Study:
Country:
Current position:

Name:

PhD Title:

Years of Study:

Country:

Current Position:

**7. Public Outreach/ other achievements** (media links; DNA innovation links etc; other press)

* Member of the Pharmaceutical Society of Northern Ireland (2010-present)
* Member of the Editorial Board (Associate Editor) *Journal of Cystic Fibrosis* (2017-2020)
* Scientific Reviewer of *Cystic Fibrosis Research News* (2016-present)
* Member of the European Cystic Fibrosis Society (2017-2020)
* Member of the Australian Society for Medical Research (2015-2017)
* Member of the Australian Society for Medical Research Queensland Health and Medical Research Awards subcommittee (2015-2016)
* Visiting Scientist, University of Queensland Centre for Clinical Research, Brisbane, Australia (2016-2017)
* Honorary Visiting Scientist, The Prince Charles Hospital, Brisbane, Australia (2015-2017)
* Visiting Scientist, QIMR Berghofer Medical Research Institute, Brisbane, Australia (2015)

**8. Key words**

*Pseudomonas aeruginosa,* lung infections, antimicrobial resistance, microbiome