

Alessandro Lazdins

[School of Biosciences \(/schools/biosciences/index.aspx\)](/schools/biosciences/index.aspx)

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About

PhD Title: Development of plasmids that can displace antibiotic resistance plasmids from the human and animal gut

Supervisors: Professor C.M. Thomas and Dr M. Webber

By using the innate biology of plasmids to reduce the burden of antibiotic resistance is a novel and exciting approach. My project will involve developing the pCURE technology and trying to bring it from bench to bedside.

Qualifications

BMedSc (Hons) from University of Birmingham (2013)

Biography

Grew up in Switzerland where I did all my schooling at the International School of Geneva. Moved to Birmingham to do a BMedSc at the University of Birmingham in the College of Medical and Dental Sciences following a year at the University of Geneva. Developed an interest in antibiotic resistance biology while doing my undergraduate project with Professor Laura Piddock and Mark Webber.

Research

Spread of antibiotic resistance, bacterial plasmids, global health, biotechnology

Other activities

Funded by a studentship from the Darwin Trust of Edinburgh.
Member of the Society of General Microbiology and the British Society of Antimicrobial Chemotherapy. Part of the University swimming team competing at BUCS and also part of the University cycle club.