

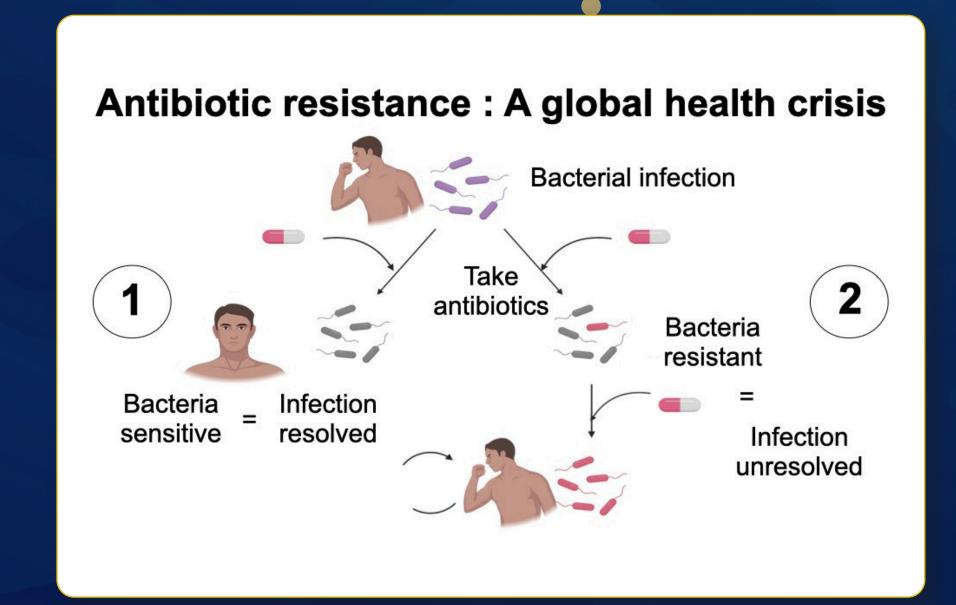
Logan Kavanaugh

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McGowan Award

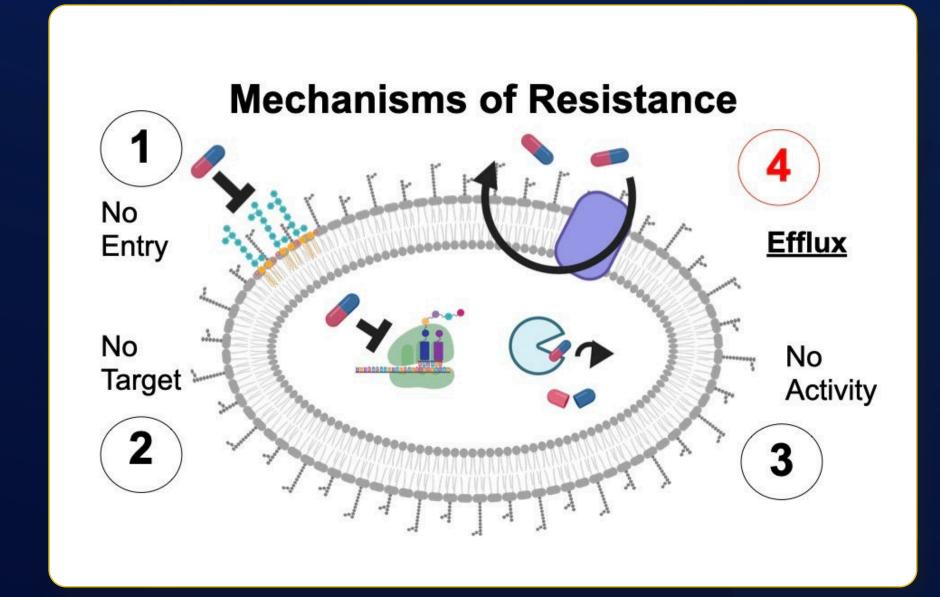


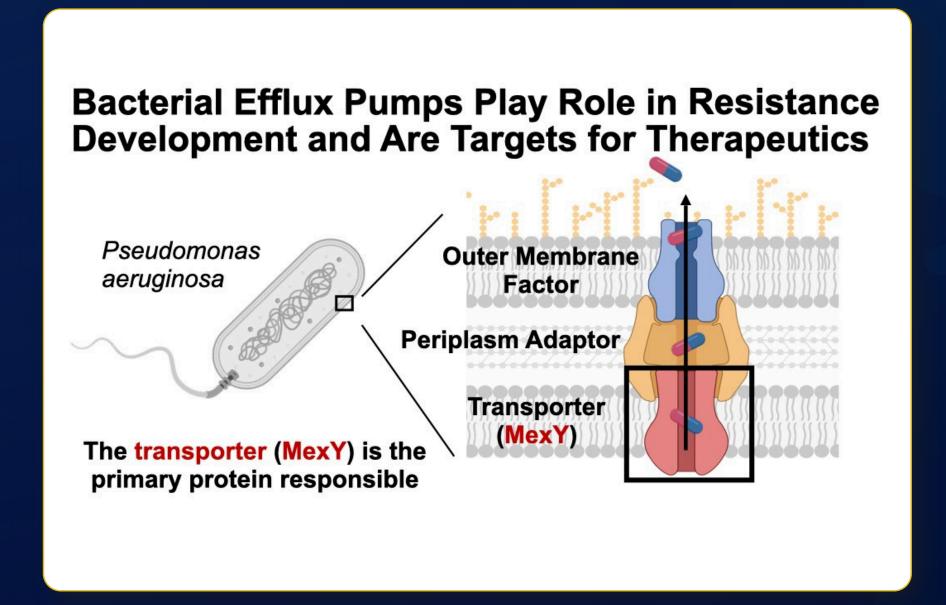
Antibiotic recognition and efflux by MexY in bacterial pathogen Pseudomonas Aeruginosa

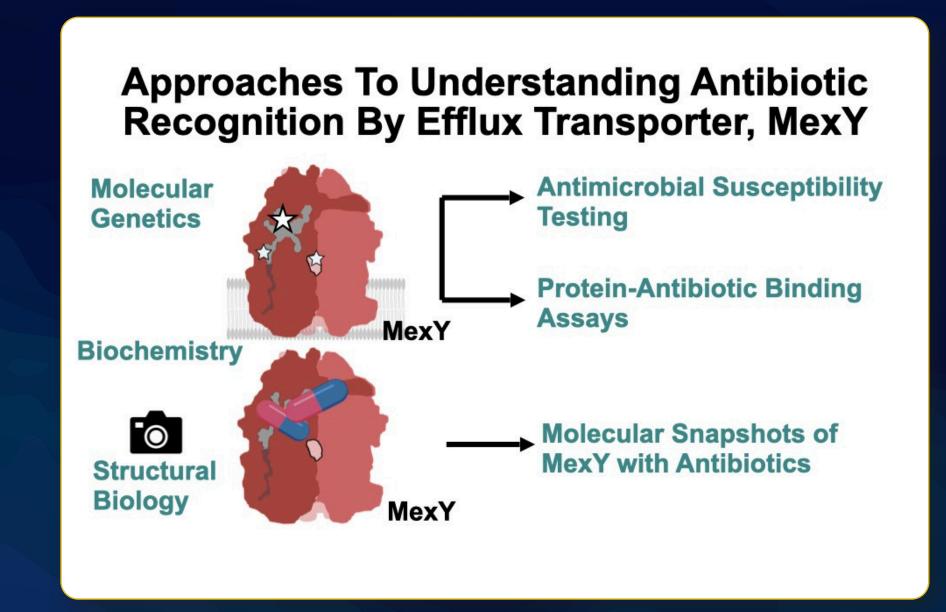
By using a multi-disciplinary approach (i.e., biochemistry, structural biology, and microbiology), we can tackle the threat of antibiotic resistance and identify targets for novel antibacterial therapeutics.

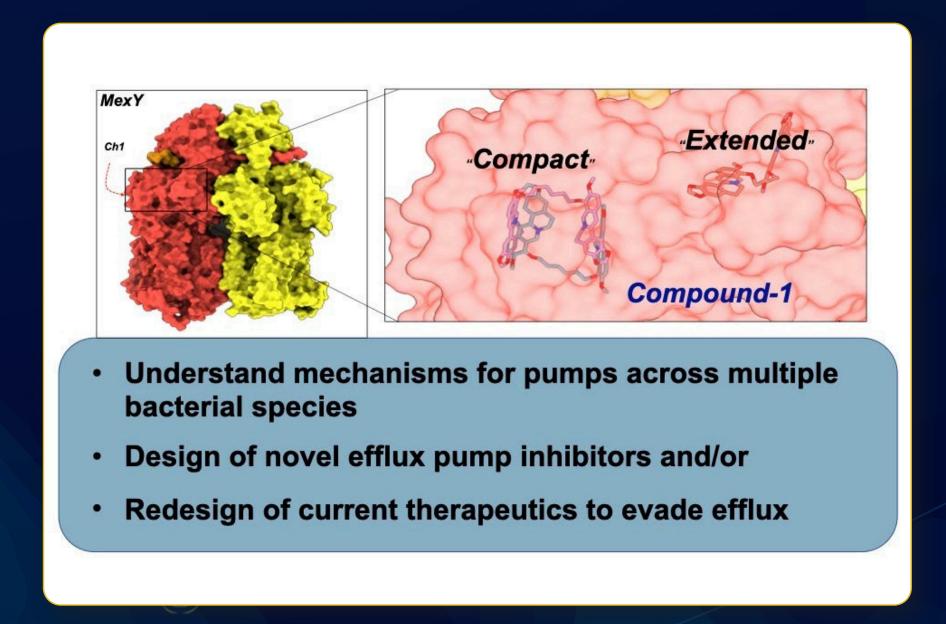


Antibiotic resistance : A global health crisis 10 million **Urgently need** novel antibiotics and/or small molecules to Estimated death resensitize (low estimate) bacteria to Cholera current 100,000antibiotics Diarrhoeal Diabetes 1.5 million 1. CDC AMR Report 2014; 2. CDC AMR Report 2019









This work is supported by a National Institutes of Health (NIH)/ National Institute of General Medical Sciences (NIGMS) NRSA pre-doctoral fellowship (to LGK; **F31-GM143891**), a student traineeship from the Cystic Fibrosis Foundation (to LGK; **Kavana21H0**), and the Emory University Research Council (to GLC). LGK also gratefully acknowledges support from the Atlanta Chapter of ARCS Foundation and from Center for CF and Airway Disease Research CF Scholars program.

