What Makes Pseudomonas Aeruginosa Persist in the Lungs of CF Patients?

The most important problem for cystic fibrosis (CF) patients is the airway infections responsible for the gradually decreasing lung function as the infections persist. We have investigated properties that may be involved in persistence of P. aeruginosa (PA) in the lungs of young CF children by combining genomics, "phenomics" (phenotypes and molecular data), and clinical data.