

Jelmer Raaijmakers is a PhD student at the Radboud University Medical Centre, Nijmegen, the Netherlands. His research focusses on developing new, more effect treatment regimens for non-tuberculous mycobacterial pulmonary disease. Regimen efficacy is evaluated using the hollow-fibre infection model, where bacteria are exposed to multidrug regimens that simulate the human pulmonary pharmacokinetics. Simultaneously, multi-omics readouts are used to study how these mycobacteria defend against antibiotic stress.