



At IDRI, our mission is to translate science into global health solutions. We develop vaccines, diagnostics, and therapeutic products that address the world's most neglected infectious diseases.

Allen Casey

Group Leader, High Throughput Screening & Robotics

Allen Casey is the Group Leader of High Throughput Screening and Robotics at IDRI. In this capacity, Allen manages high throughput screening for the discovery of novel inhibitors of *M. tuberculosis*, and directs the automation of biochemical and cell-based assays.

Allen has over 17 years of experience in small-molecule drug discovery in the biotechnology industry, including with Plexera, ICOS, MDS Pharma Services, and Panlabs, as well as medical experience at Western Medical Center and Northwest Hospital. Formerly a technical scientist and manager at ICOS Corporation, he has expertise in high throughput screening (HTS), robotics, bioinformatics, microbiology, cell culture process development, and clinical manufacturing. Allen has been creatively involved in engineering many of the instruments and software components used for drug discovery. His current activities include engineering IDRI's High Throughput Screening center for *M. tuberculosis* research, developing a whole cell screen for wild-type *M. tuberculosis*, development of AroD, LysA, PanC, and Icl high-throughput assays, and development of target-based whole cell screens for protease mutants of *M. tuberculosis*.

Allen received his BSc in Natural Science and Biology from the University of Washington.