



Opening for Research Scientist (KOREA)

PhAST (www.phast.ai) is a venture-backed, seed-stage AI healthcare startup developing computer vision technology for combating antibiotic resistant bacteria. Our platform provides clinical decision support for doctors, workflow improvement for hospitals, and helps accelerate the drug development process for pharmaceutical companies. The Company is headquartered in the biotech innovation hub of Boston (USA), Data Sciences team based in Zurich (Switzerland), and now expanding to South Korea to establish our Asian R&D site.

Job Description. We are looking for a reliable and solution-oriented full-time Research Scientist to lead our Korean microbiology team. The successful candidate must be skilled in wet lab work and passionate about developing innovative AI diagnostic technology in an early-stage startup. This opening is for a position in Bundang/Panjo, South Korea.

Responsibilities:

- Overseeing all internal R&D activities of our microbiology programs in Korea.
- Performing systematic clinical testing of PhAST's technology using fresh human patient samples in collaboration with leading clinical microbiology laboratories.
- Validating PhAST's technology through comparison with gold standard methods.
- Help coordinate the validation process together with Boston & Zurich team based on the collaboration site's Electrical Medical Record (EMR) database.
- Advancing our technology by optimizing assay protocols to enhance diagnostic accuracy.
- Lead the preparation of Korean government grant applications and supporting patent filings and scientific publications.

Qualifications:

- PhD or MS in microbiology or molecular biology with focus on antibiotics.
- Strong understanding of antibiotic resistance mechanisms and antibiotic effects on phenotypic changes and microbial growth.
- Extensive wet-lab skills (experience working with clinically relevant human pathogens a plus; microscopy experience a plus).
- Familiarity with the clinical microbiology laboratory environment and with automated diagnostic systems (*e.g.*, Vitek2 or MicroScan). Experience implementing CLSI standards for AST and running manual AST (*e.g.*, broth microdilution; MIC determinations).
- Desire to work in a fast-paced and highly collaborative environment with a world-class multidisciplinary team.
- Excellent English communication skills.

The position is available immediately. Salary and equity compensation will be commensurate with experience. If interested, please email your resume and a cover letter to info@phast.ai