



**PHICO
THERAPEUTICS**

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Microbiology Research Scientist

Permanent, 37.5 hours per week; 25 days holiday; Salary commensurate with qualifications and experience

Phico Therapeutics is a biotechnology company developing novel drugs for the treatment of bacterial infections, to address the serious issue of increased antibiotic resistance worldwide. Phico's revolutionary SASPject technology uses tailored delivery vehicles to deliver the gene for an antibacterial protein, SASP. Initial targets are *Pseudomonas aeruginosa*, *Staphylococcus aureus* and *Escherichia coli/Klebsiella pneumoniae*. We are recruiting a Microbiologist to join our research team in Bourn, near Cambridge, UK.

The successful candidate will have a degree in microbiology, biotechnology, or a related biological science, and preferably an MSc in a related field, and/or will have relevant industrial microbiology experience. The Microbiology Research Scientist role is primarily laboratory-based, and requires extensive work in a category 2 laboratory, including the utilisation of bacterial clinical isolates and bacteriophage. Experience of working with bacteriophage or developing novel antimicrobial therapeutics would be highly advantageous.

Key duties and responsibilities include (but are not limited to):

- Preparation, storage and management (including QC checks) of bacterial and viral stocks.
- Host range screening of bacteriophage.
- Time-kill exposure experiments.
- Adherence to documented procedures for all aspects of laboratory work, ensuring that all relevant information concerning samples is recorded accurately, that samples are handled correctly, and that all necessary data are maintained.
- Maintenance of a daily laboratory book, provision of written reports, and presentation of laboratory activities and data at company meetings.
- Writing and reviewing protocols and Standard Operating Procedures, as needed.
- Demonstration of the ability to work both as a key member of a small team, as well as independently.
- Supervision and training of others, where appropriate.
- Overtime working as and when required to complete tasks or support activities. Occasional weekend and out of hours working, according to the requirements of the company.

Phico provides a friendly work environment, where communication, teamwork and flexibility are essential to achieving our goal of developing potentially life-saving products.

Contact:

For further information, or to apply (by sending a 2-page CV and covering letter), please contact Dr Anne Barnard, Research Director: anne.barnard@phicotx.co.uk