

Role: Research Associate – Antibody Production

Job Description

PetMedix, based in Cambridge, UK, is a biotech company making antibody therapeutics for companion animals (dogs and cats). We are seeking a self-motivated, energetic, and highly detail-oriented research associate with a proven background in cell culture, ideally antibody production to join our pre-clinical development team. The candidate will work in a team environment together with protein biochemist and analytical scientist.

This position will primarily involve the production, high throughput purification and quantitation of antibodies to project teams for downstream assays. We offer on job training of state-of-the-art methods/technologies involved in Chinese Hamster Ovary (CHO) cell suspension culture and transfection for antibody production, protein purification by affinity chromatography, protein concentration determination by surface plasma resonance (SPR) and plate reader.

Responsibilities will include, but are not limited to:

- Maintenance of cell bank and non-adherent cell lines for transfection
- Transfection of cells to produce up to several hundreds of antibody candidates
- Quantification of antibodies and subsequent normalisation to a set concentration
- Accurate record keeping for all samples and cell lines
- Maintenance of an accurate electronic notebook in a timely manner
- Effective communication of results and findings

Requirements & Education

Essential

- Bachelor's degree or equivalent
- Excellent aseptic technique
- Hands on cell culture experience
- Confidence in handling multi-channel equipment and multi well plate formats.
- Proactive attitude and drive
- Strong communication skills and the ability to work effectively as part of a team
- Attention to detail and ability to multi-task
- Organised and good time management

Desirable

- Experience with non-adherent cell culture ideally CHO lines
- Experience of plate-based antibody production
- Experience quantifying antibodies
- Experience with high throughput antibody purification
- Ability to quantify and QC plasmids
- Experience with liquid handling robotics
- Solid knowledge of cellular/molecular biology



Terms

This is a full-time role with a competitive salary in line with experience and other benefits such as company share options, private pension plan and health insurance.

About PetMedix

PetMedix is a Cambridge, UK based early stage pharmaceutical company with global ambitions to become the world leader in innovative antibody-based therapeutics for the companion animal market. We will deliver the first transgenic mouse platform capable of producing therapeutic-quality antibody drugs fully adopted to the target companion animal. The platform is species-agnostic and our initial focus will be to develop a mouse model for creating therapeutic antibodies for dogs, and then equivalent models for cats and potentially other species.

PetMedix supports diversity in the workplace and will consider all qualified applicants for employment without regard to gender or gender identity, sexual orientation, disability, race, colour, religion or any other discriminatory criteria.

Contact

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PetMedix Ltd - Antibody Innovation in Animal Health

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