



The Translational Medicine Research Laboratory is a core facility for the collaboration offering technological excellence in Genomics, Proteomics, Immunoassays and Bioinformatics.

Translational Medicine Research Laboratory

The TMRC Core Laboratory serves the Translational Medicine Research Collaboration which encompasses Wyeth Pharmaceuticals, Scottish Enterprise, the Universities of Dundee, Edinburgh, Aberdeen and Glasgow and 4 NHS Trusts.

Current projects

The TMRC works with more than 70 projects across Scotland to help decision making in clinical trials through the discovery and validation of biomarkers for oncology, inflammation, cardiovascular and metabolic diseases, womens health, musculoskeletal disorders and neurology.

Funding

Wyeth Pharmaceuticals and Scottish Enterprise.

Opportunities

Collaborative funding is available to stakeholders with projects addressing clinical trial decision making.

The TMRC focuses on biomarker discovery from preclinical or clinical research with the majority of projects being aligned to clinical or experimental medicine approaches that are directly applicable to drug trials.

Expertise:

- RNA processing and expression
- Protein extraction from tissues
- Protein profiling
- Targeted protein/peptide quantitation
- Colourometric, fluorometric and luminometric plate assays
- Antibody purification and conjugation
- Gel electrophoresis with luminescence and fluorescence detection.
- Immunoassay development and optimisation
- Automated sample handling capabilities
- Software and database development
- Clinical data management
- Statistical Analysis



Pyrosequencer - quantitative mutation analysis and DNA methylation profiling



Mass spectrophotometer

Further information

To find out what the TMRC can do for you contact Dr Steven Moore.

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Visit the website at:
www.tmrc.co.uk

Research & Innovation Services

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