



Supporting Drug Development towards Clinical Trials

The UCL Consortium for Inflammation, Tissue Repair, Scarring and Fibrotic Diseases (FLARRE) is an internationally recognised, multi-disciplinary consortium that unites the expertise of basic, biomedical and clinical scientists across the entire breadth of UCL, its partner hospitals and trusts.

The Consortium's unique and innovative approach seeks to develop collaborations with external partners, providing access to expertise into fibrotic and inflammatory processes and supporting drug development by:

- Identifying pathogenic processes
- Validating critical targets across key fibrotic environments
- Facilitating transition from *in vitro* analysis to *in vivo* human disease models
- Leading optimisation into "First in Man" and 'clinical ready' phases

Our specialist skills and technologies include:

Technical expertise in:

- Histology
- *in vitro* cell culture and co-culture
- *in vivo* pre-clinical models
- Biomarker discovery
- Tissue analysis

Disease relevant BioBank samples:

- Serum & Plasma
- Tissues & Cells
- DNA & RNA
- Urine

Primary cell lines and patient-derived cells for:

- *in vitro* investigation into regulatory pathways and fibrosis assays
- Target validation
- Proof of Mechanism
- Expression profiling

Pre-clinical models in target organs including:

- Skin
- Kidney
- Liver
- Lung
- Eye
- Skeletal muscle

FLARRE is supported by UCL Consultants (UCLC), helping partners access a wide range of scientific and technical services in drug discovery and work package implementation, including specialised expert advice, testing and analysis, drug characterisation and training.

To find out how FLARRE can help your drug discovery pipeline please visit:

www.ucl.ac.uk/flare/contact

www.uclconsultants.com

