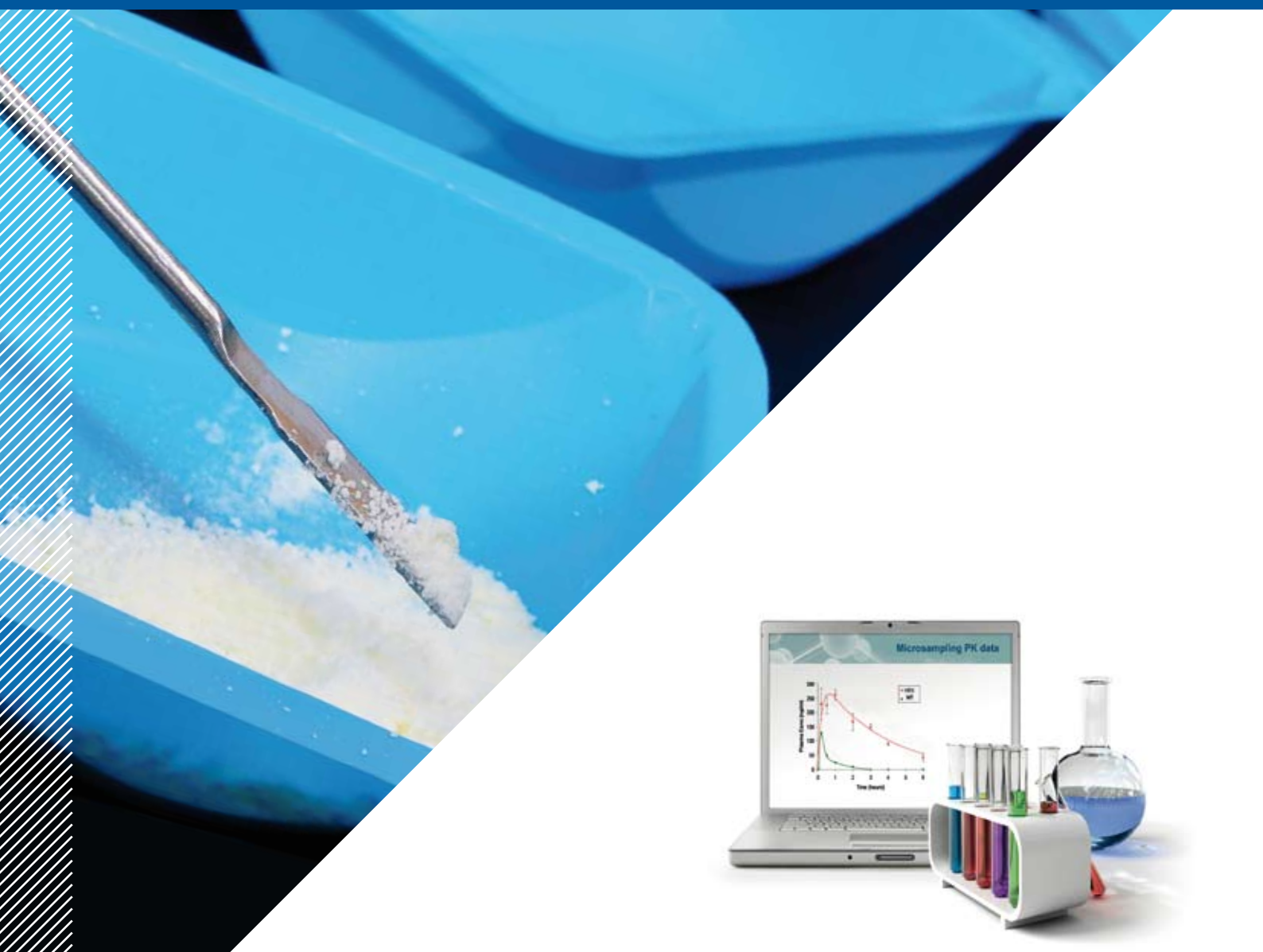
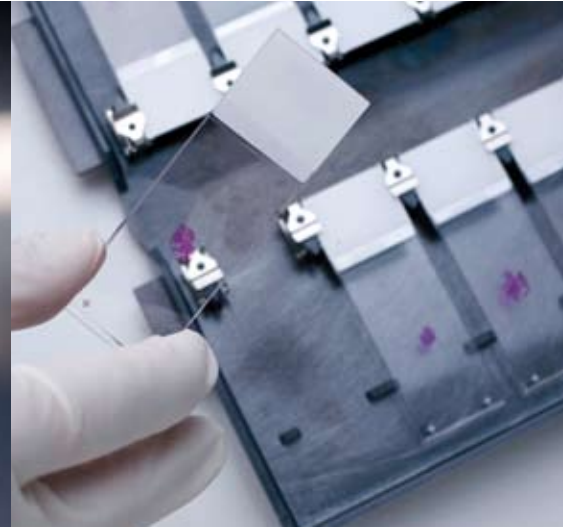


Exploratory non-GLP Toxicology Studies

Enhancing knowledge and reducing risk in drug development



Enhancing knowledge and reducing risk in drug development



CXR Biosciences provides a cost-effective, flexible, non-GLP rodent toxicology service

To enhance knowledge of your lead candidate(s) and reduce the risk of unexpected, toxic outcomes in expensive GLP regulatory studies, CXR Biosciences provides a cost-effective, flexible, non-GLP rodent toxicology service.

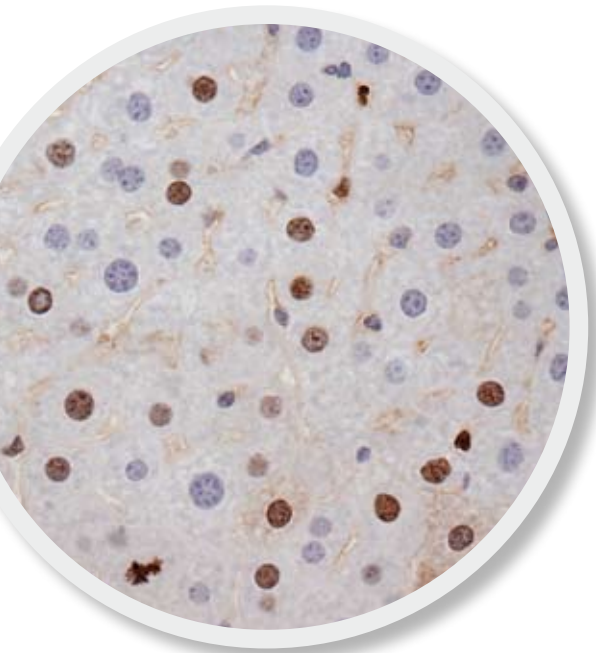
Our service is led and conducted by ex-Industry toxicologists. Our team will work with you to design and conduct a study specifically tailored for your therapeutic candidate(s) in order to:

Minimise

- ▶ Unanticipated adverse, toxic events
- ▶ Animal use (e.g. 3-6/group)
- ▶ Test item requirement
- ▶ Cost
- ▶ Time

Maximise

- ▶ Confidence in your candidate prior to formal GLP studies
- ▶ Information for dose selection for formal MTD and pivotal toxicology studies





Every study design is tailored to your needs

Studies can be as simple or complex as required, lasting from 1 to 28 days. Target investigations and other additional experimental options can be included in the study design, such as:

Microsampling for PK/TK profiling
e.g. day 1 vs day 21 comparison

Mass spectrometry for PK/TK bioanalysis
of parent and potential metabolites

Clinical chemistry – expansive panel
of markers available

Full haematology screen

Liver sampling to assess induction
of metabolising enzymes

Additional tissue sampling for histopathology

Endocrine effects

Inclusion of satellite group to measure
other markers of toxicity – RNA samples,
microarray and transcription profiling used
to investigate mechanisms of toxicity

The advantages of using CXR Biosciences to conduct non-GLP pilot rodent studies include:

Access to leading industry experts

Flexibility to amend study protocols
at short notice

Cost-effectiveness

Founded in 2001, CXR Biosciences has used its collaborative approach, proprietary models and cutting edge expertise to help customers of all sizes solve issues relating to the selection of drug candidates or safety of compounds. CXR offers tailored preclinical services in the areas of drug development and investigative toxicology, as well as developing preclinical technology platforms that are more predictive of drug response in man. CXR's customers include pharmaceutical, chemical & biotechnology companies, leading universities and research institutions. CXR Biosciences Ltd. is located in Dundee, Scotland.

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