



Speed Innovation

Drug Discovery

Toxicogenomics

Epigenetic Profiling

Proteomics

Lead Optimization

Toxicology

Pharmacokinetics

Bionalytical Services

Pharmacodynamics

Food Industry

 Chemical Industry

Cosmetic Industry

Chemical Industry - REACH

The European Union's legislation on Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) poses rules for the industry manufacturing or importing chemical to the EU nations. These companies must register the chemicals to the European Chemical Agency in a SIEF (Substance Information Exchange Forum) consortium with other companies operating on the same concerned chemical.

The REACH legislation may be the strictest of its kind in the world. It is also the most complex piece of legislation in EU history (over 800 pages). REACH legislation concerns several tens of thousands of chemicals.

REACH regulations in safety assessment

The REACH legislation creates several demands for assessing the safety concerns of chemicals, including physical chemistry, toxicology, genotoxicology, ecotoxicology, environmental fate as well as possibilities for alternative testing methods.

We provide safety testing in the above mentioned areas for chemicals. Further to this, we provide expert advice on what tests are needed and how to plan the individual tests, as well as the whole testing strategies. Our toxicology testing is accredited to the required OECD GLP requirements.

GALILEO RESEARCH expertise for toxicology and safety

In addition to the chemical testing using vertebrate animal species, there is a need for compensatory methods to evaluate chemical safety. Examples of these methods include various biochemical and cell based assays, as well as in silico toxicology with QSAR, PBPK and virtual organ models, predictive expert systems, toxicogenomics and various aspects of systems biology.

GALILEO RESEARCH's research service platform covers many areas in toxicology and safety related assessments, as well as regulatory expertise consulting. We offer multiple standardized in vitro and in vivo models for toxicology and safety, both under non-GLP as well as GLP standards.

With the various mentioned toxicology and safety assessments activities, GALILEO RESEARCH offers you a platform of expertise for testing chemical safety as per the

REACH regulations.

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Fiscal Code and Pisa Trade Number 1855640502 - REA Pisa N° 160639/2011 - Partita IVA 01855640502 Capital Stock € 100.000 fully paid in
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