

Toxicological risk and safety assessments are applied in a large number of fields including the chemical industry, pharmaceuticals, biocides and pesticides, cosmetics, food and feed, consumer products, and medical devices.

Toxicological evaluation

DHI provides a large range of toxicological services in relation to toxicological hazard, risk and safety assessments:

- hazard identification, including dose-effect
- hazard characterization, including dose-response relationships
- exposure assessments
- risk characterization
- safety assessments

Toxicological testing

DHI has many years' experience in cooperating with contract research organizations (CRO's) in relation to generation of new test data. Based on the experience, DHI has obtained an extensive and specialized knowledge on the different CRO's and their services. DHI services include:

- Selection of relevant CRO and invitation to contract offers
- Programme planning, including clarification of specific requirements for the documentation to be submitted to relevant authorities
- Monitoring of studies including protocols and reports

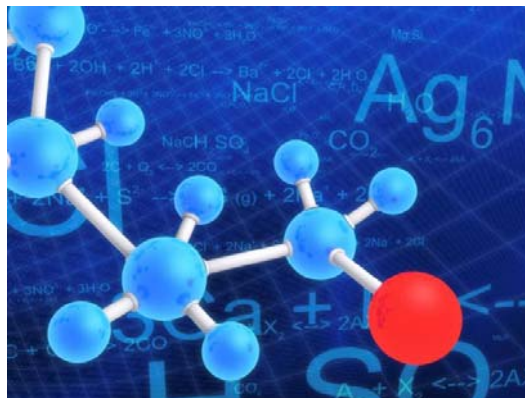
Laboratory services

At our environmental laboratory we conduct a broad range of ecotoxicological tests in accordance with OECD guidelines. The tests are conducted in accordance with the principles for Good Laboratory Practice.

Based on the extensive experience in conducting guideline tests, DHI is involved internationally in the development and validation of several OECD Test Guidelines and ISO standards.

Testing strategy

In order to reduce animal testing and ultimately the testing costs, DHI offers advanced services on repair of testing strategy. This includes identification of data gaps, progressive use of existing data, read-across to similar substances, QSARs, as well as *in vitro* and the use of intelligent data waiving and advanced tools.



Retrieval of toxicological information

DHI offers both individual and continuous information retrieval. We perform data searches in relevant sources such as scientific literature, manuals, monographs and scientific reports. Our searches include both free available sources on the internet and the database host STN (The Scientific & Technical Information Network).

DHI services include development of search strategies including structure-based search strategies, collection and assessment of toxicological data used to establish toxicological profiles. DHI also provides service in design of internal substance or product databases.

Toxicology and risk assessment courses

DHI offers 1 and 2-day courses in basic toxicology and risk assessment. The courses investigate general principles including information on internationally accepted test guidelines and test methods in general together with explorative and predictive toxicology. Courses are also offered as tailor-made solutions that meet your specific company needs.

Contact: Anders Permin • +45 4516 9173
 Brian S. Nielsen • +45 4516 9140

• ape@dhiigroup.com
 • bsn@dhiigroup.com

DHI, Agern Allé 5, 2970 Hørsholm, Denmark