ENDOCRINE DISRUPTION

Assessing the potential endocrine disrupting properties of a chemical for humans and the environment

ToxMinds scientists have followed the debate surrounding endocrine disruption at the technical and regulatory level for many years. We have been involved in the evaluation of toxicological and ecotoxicological data as evidence for the potential endocrine activity of industrial chemicals, biocides or agrochemicals. If deemed necessary, we recommended testing strategies to confirm possible modes of actions (MoA) and identify strategic options from a client's business point of view.

Our services to identify and assess chemicals with potential **endocrine disrupting effects** in humans or the environment include:

- Comprehensive literature searches using public or proprietary databases
- Topline screening and feasibility assessment of lead candidates from an ED perspective
- QSAR modelling to predict endocrine activity based on chemical structures
- Systematic review of collected data based on pre-defined criteria
- Matrix-based collation of identified data based on relevance, reliability and lines of evidence
- Assessment of endocrine-mediated adversity and Mode of Action (MoA) analysis
- Design and management of testing programmes to evaluate or verify endocrine activity
- ECHA/EFSA guideline-compliant ED assessment reports

BELGIUM

ToxMinds BV
Avenue de Tervueren 188A, bte 12
B-1150 Brussels - Belgium

INDIA

ToxMinds India Consulting Pvt. Ltd.
Unit 305, 3rd Floor, Brigade IRV Centre,
Whitefield, Bangalore-560066, India

Tel + 32 (0)2 762 91 45
info@toxminds.com | toxminds.com

ToxMinds
THINKING AHEAD IN TOXICOLOGY