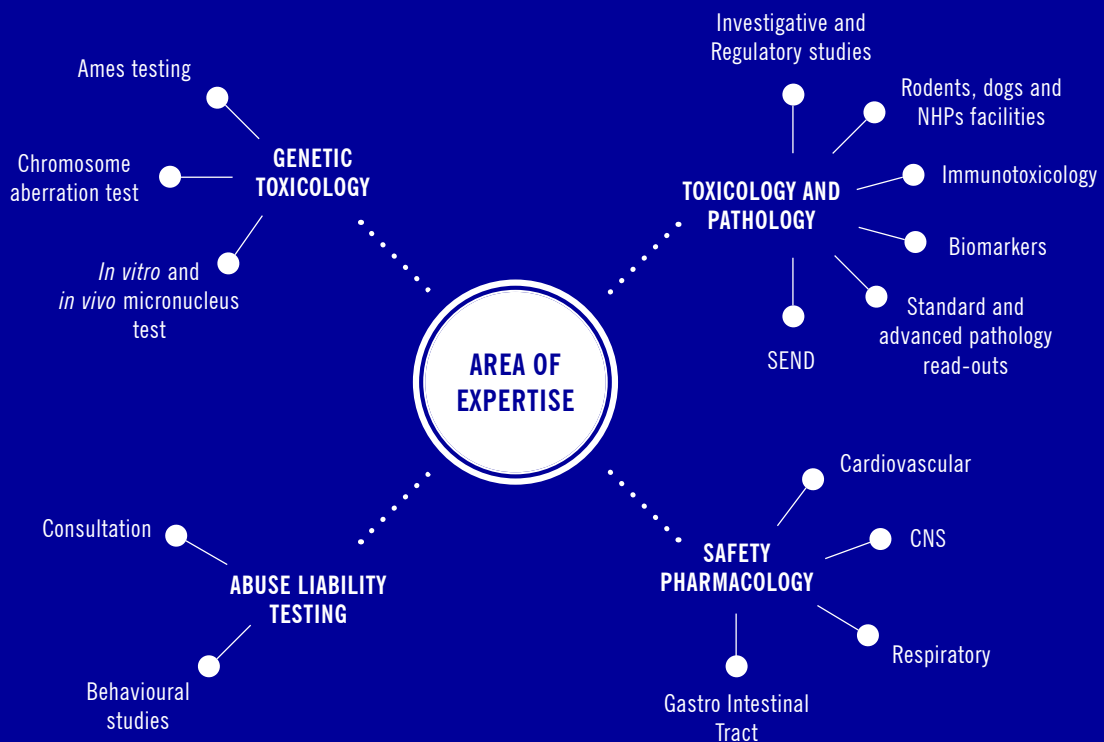
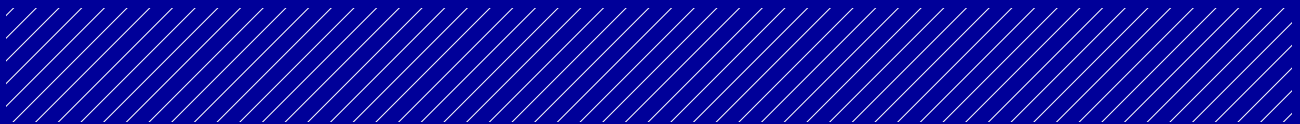


SAFETY ASSESSMENT

- ▶ Fully-integrated, science-driven development approach with pharmaceutical background
- ▶ State-of-the-Art quality systems with impeccable regulatory inspection history
- ▶ Diverse, dynamic team of expert scientists capable of handling projects of any complexity
- ▶ Tailored studies and programs based on specific client needs
- ▶ Solutions-based approach to problem solving



Evotec provides drug discovery and development solutions by applying scientific excellence, outstanding service and a team of some of the foremost scientific professionals in the industry. We tailor studies and programs based on specific client needs, maintaining an interdisciplinary attitude.

Working within a strong regulatory environment, our scientific teams provide the assurance of client-centred project management, consistent lead times, close working relationships with customers.

TOXICOLOGY CORE CAPABILITIES

- ▶ Rodent, rabbit, dog and primate facilities – AAALAC accredited
- ▶ Investigative and clinical-enabling studies, custom-designed for your molecule/indication
- ▶ Expertise in multiple routes of administration
- ▶ Biomarker identification by means of standard and specialised clinical pathology
- ▶ Multiple modalities: NCE, NBE, gene therapy/ viral vectors, mAb, cell therapy

SAFETY PHARMACOLOGY (GLP)

Cardiovascular

- ▶ Telemetry in conscious and freely-moving rodents, dogs, and non-human primates
- ▶ Consolidated neurocardiovascular evaluation study available in dog
- ▶ Cardiac safety *in vitro* panel including hERG, hNav1.5, hCav 1.2 in automated and manual patch clamp electrophysiology platforms

CNS

- ▶ Functional observation battery in rodents, dogs and non human primates

Respiratory

- ▶ Whole-body plethysmography in rodents

Abuse Liability Assessment

- ▶ 8-factor analysis
- ▶ ICH-compliant GLP package:
 - Self-administration
 - Drug discrimination
 - Physical dependence/withdrawal

Inclusion of safety pharmacology endpoints in toxicology studies for appropriate indications

GENETIC TOXICOLOGY (GLP)

- ▶ Ames test
- ▶ Chromosome aberration test:
 - *In vitro* Human Lymphocytes (HPLA) assay
 - *In vitro* and *in vivo* micronucleus assay

ADDITIONAL CAPABILITIES

- ▶ Expertise in bioanalytical method development and GLP validation for both small and large molecules
- ▶ Broad skillset in pharmacokinetics and drug metabolism
- ▶ Immunoassays, Immunogenicity testing and Immunotoxicology assays