

Envigo Corporate & Industry Overview

Rutgers University

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Who we are

Envigo is a global contract research products and services company serving pharmaceutical, chemical, crop protection, academic and government markets.





Our brand promise

Envigo focuses on what matters to you – scientific and customer service excellence.

We work closely with you to secure the potential of your research and products.

We are dedicated to research that makes a difference in the lives of people all over the world.

Together, we make the world a healthier and safer place to live.



+++ Global capacity,
local presence

50+ locations

Global availability of research models and CRO services

3 continents

Our business spans North America, Europe and Asia

3,800+ employees

Serving over 65 countries

150 years

Combined industry experience

Customers...

Envigo supports more than 5,000 customers across industry, academia and government each year

- + 19 of the top 20 global pharmaceutical companies
- + 15 of the top 20 crop protection and chemical companies
- + Virtual companies to multinationals
- + Academic and government biomedical researchers





Contract Research Services (CRS)





+++ CRS global footprint

7 locations

Global availability research
laboratory services

3 continents

Extensive reach across North America,
Europe and Asia

500 animal rooms

Across our locations

1,600+ employees

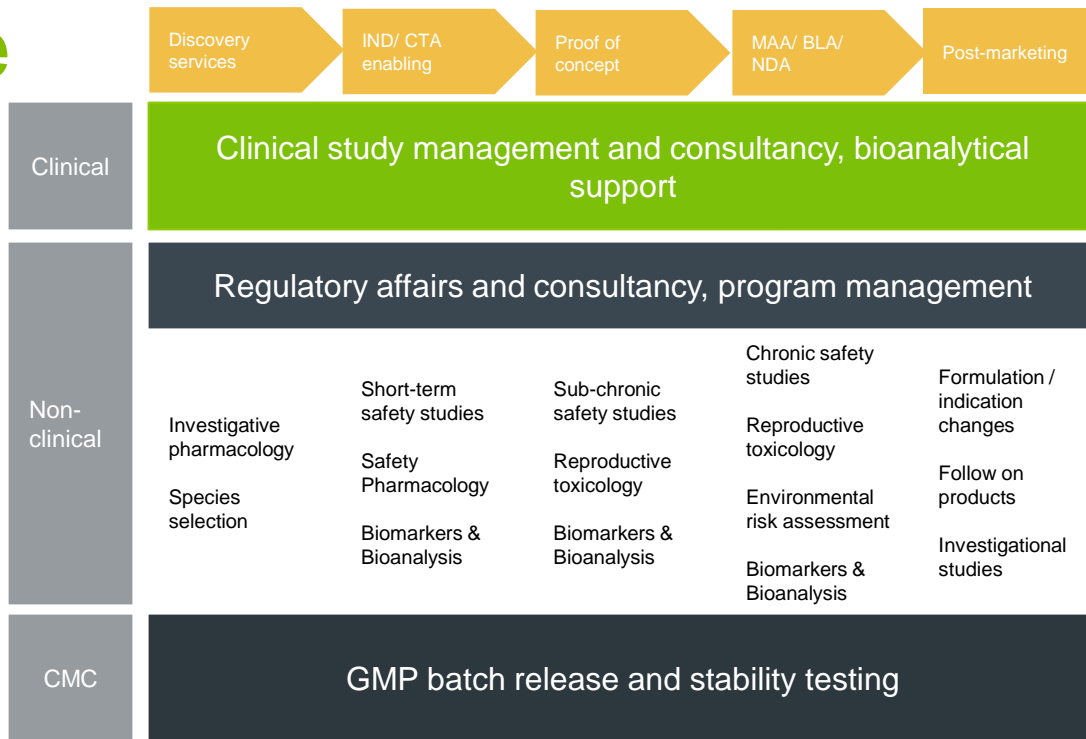
Serving over 65 countries

150 years

Combined industry experience



Services for the pharmaceutical industry





Contract Research Services

Services

General Toxicology – all species

Safety Pharmacology

- Cardiovascular
- Respiratory assessment
- Central nervous system
- Electrophysiology

Speciality Toxicology

- Reproductive
- Inhalation
- Infusion
- Carcinogenicity
- Juvenile
- Neurotoxicity
- Special Pathology (e.g. crossreactivity)

Genetic Toxicology

- Ames test
- Mouse lymphoma assay
- Chromosome aberration test
- In vitro* micronucleus test
- In vivo* micronucleus test
- Unscheduled DNA synthesis test (*in vitro* and *in vivo*)
- Comet assay (*in vitro* and *in vivo*)

In Vivo Discovery Lead Optimization Pharmacology, Bioanalysis and Biomarker translational assessment

- Models in:
 - Respiratory inflammation
 - Gastrointestinal
 - Anti-infective
 - Cardiovascular

Metabolism

- General ADME
- Biotransformation
- Metabolite Profiling
- In Vitro* Metabolism
- Autoradiography
- Radiosynthesis
- Pharmacokinetics

Analytical Support

- Bioanalysis
- Biologics and Biomarker Analysis
- Clinical Sample Analysis
- Dose Formulation Analysis

Environmental Risk Assessment

- Terrestrial Ecotoxicology
- Aquatic Ecotoxicology
- Biodegradation
- Environmental Fate
- Animal Metabolism

Regulatory and Clinical Consultancy (Pharma) CMC Testing Services

- Biopharmaceutical analysis including q-PCR
- Batch release and testing
- Stability testing
- Microbiology
- Stress testing
- Pharmacopeia testing

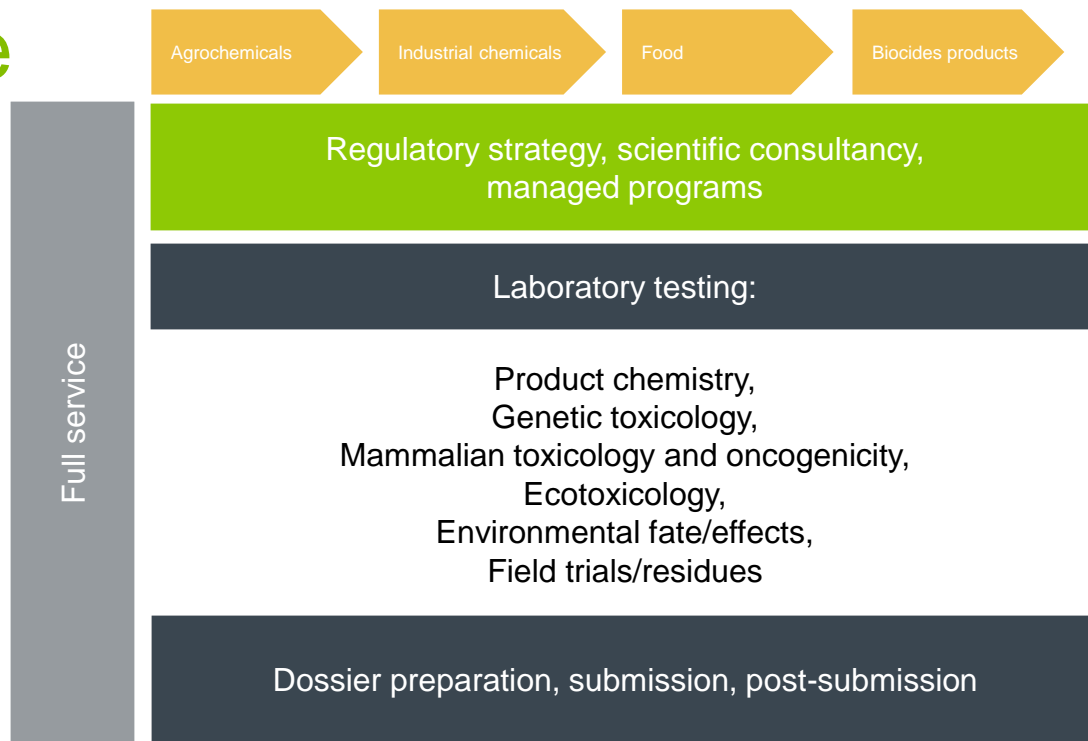
+++ CRS Pharmaceutical

- + Full range of services for pharmaceutical development
- + Animal health and medical device
- + Broad range of therapeutic areas
- + Experience working with startups through to the global top 20





Services for the crop protection and chemical industries



+++ CRS Crop Protection



- + Facilities across Europe, US, Japan, Korea and Israel
- + Full range of testing, regulatory and consultancy services for crop protection customers
- + Significant top 20 global customer base
- + Market-leading experience serving the crop protection industry globally

+++ CRS Chemicals



- + Facilities across Europe, US, Japan, Korea and Israel
- + Supporting our chemical customers with regulatory requirements (e.g.; REACH)
- + Global customer base
- + Market-leading experience serving chemical industry globally

Examples of customer products we work on

Pharmaceuticals

Animal health products

Polymers

Coatings

Airline fire extinguishers

Fuel additives

Textile treatments

Environmental

Personal care products

Automotive products

Oral care products

Detergents

Plant protection products

Food additives and flavourings

Pesticides

Employee safety

Medical devices

Pigments, dyes and inks





RMS

Research animal models, services,
diets, bedding and enrichment

- + Broad range of high-quality animal models available worldwide
- + Convenient, labor-saving services, including surgery, custom breeding, colony housing, and genetic and health monitoring
- + High-quality Teklad lab animal diets, bedding and environmental enrichment
- + Biologic products, including tissue, serum, and antibodies



Research models



Supporting a wide range of research areas

- + Aging
- + Behavior
- + Cardiovascular
- + Immunology
- + Metabolism
- + Oncology
- + Toxicology



Research Models and Services

Envigo production sites in
North America, Europe, the
Middle East and Asia



North America

Corporate HQ:
Indianapolis, IN

- + Dublin, VA
- + Frederick, MD
- + Haslett, MI
- + Houston, TX
- + Indianapolis, IN
- + Livermore, CA
- + Madison, WI
- + Mexico City, Mexico



Middle East

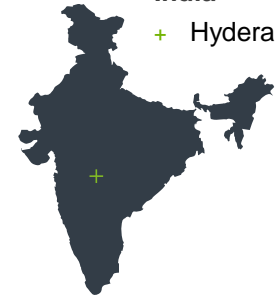
- + Jerusalem, Israel
- + Rehovot, Israel
- + Yokneam, Israel



Europe

European Office:
Venray, Netherlands

- + Blackthorn, UK
- + Bresso, Italy
- + Gannat, France
- + Horst, Netherlands
- + Loughborough, UK
- + Udine, Italy
- + Wyton, UK



India

- + Hyderabad, India

Pharmaceuticals Industry Overview

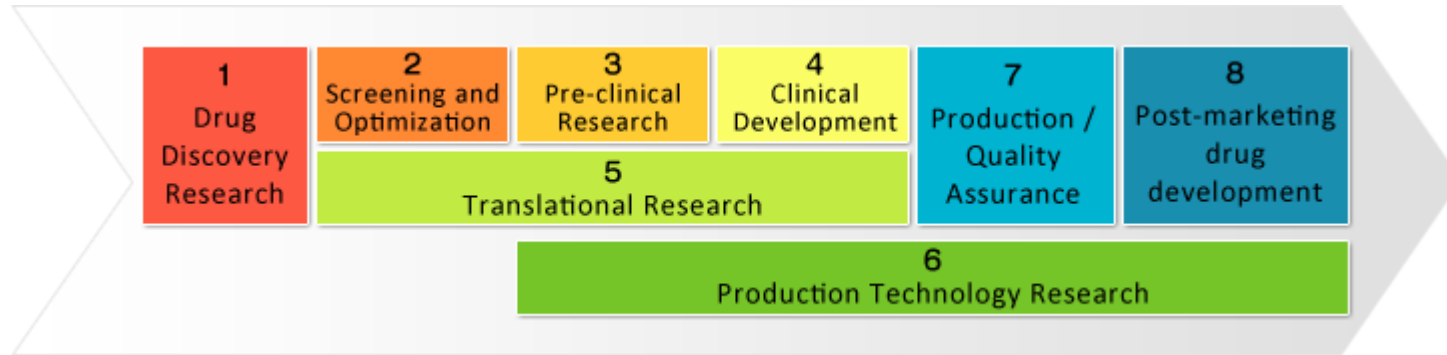


Key Facts

- + \$1.05 Trillion in prescription drug sales
- + \$160B spent on R&D worldwide
- + 810,000 US jobs, 3.4M indirectly
- + Over 150,000 R&D jobs
- + Over 7000 medicines in development
- + Progress in AIDS, Cancer, Hepatitis C, Vaccines, etc.

Where will you spend your time?

Aspects of drug development and commercialization



Chemicals, Crop Protection Industry Overview

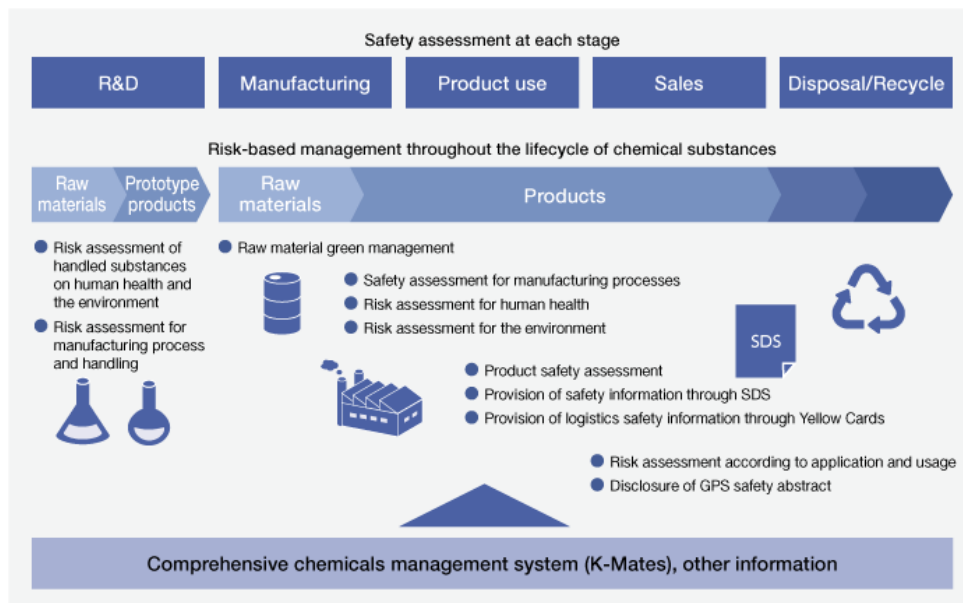


Key Facts

- + \$3.7 Trillion in sales worldwide
- + \$50B spent on R&D worldwide
- + 4.5M job worldwide, 20M indirect
- + 820K jobs in US
- + Many thousands on market and 800 new products in development per year globally

Where will you spend your time?

Aspects of chemical products development and commercialization



Envigo Brand Video

<https://youtu.be/nYD59XrJRtw>

Facilities Tour



Thank you.

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