

# DEVELOPMENTAL AND REPRODUCTIVE TOXICOLOGY (DART)



## ACCURATE ANSWERS TO YOUR MOST CRITICAL QUESTIONS

Chemicals and pharmaceuticals can have unanticipated and complex impacts on prenatal and postnatal development and reproductive capacity. How can you be confident that your product is safe for sensitive subpopulations such as pregnant women and children? Battelle is working to provide the answers you need for regulatory approval, risk reduction and product safety decisions.

## A COMMITMENT TO QUALITY

Our expert Developmental and Reproductive Toxicology (DART) team designs and executes high-quality studies to ensure reliable results and accurate answers to all of your developmental and reproductive questions. We make sure you get the answers you need the first time, so you can proceed to regulatory submission with confidence.

The Battelle DART team brings together experts in developmental, reproductive, and

endocrine toxicology with board-certified pathologists, general toxicologists, neurotoxicologists, and inhalation toxicologists and engineers for an integrated approach to toxicology. We go beyond standardized study designs to understand the specific questions you need to answer and the potential challenges that could arise. Our experts can help you cut through the complexity of DART study designs and develop a program that meets your needs both technically and strategically.

## When you come to Battelle, you'll find:

- A full battery of DART studies including fertility, developmental toxicity, juvenile toxicity studies, and single, multigenerational, and extended one-generation reproduction studies
- DART studies conducted under FDA, EPA, OECD and international guidelines to ensure accurate, reliable and defensible results
- Broad toxicology capabilities including general, inhalation, cardiovascular, pulmonary and neurobehavioral for combination and add-on studies





### A COMPREHENSIVE SUITE OF DART SERVICES

Our DART capabilities include small molecules, biopharmaceuticals, vaccines, industrial and agrochemicals, and biological agents. We offer the following types of studies:

- Embryo-fetal developmental toxicity
- Male and female fertility
- Combined fertility and developmental toxicity
- Pre- and postnatal development
- One- and two-generation reproduction
- Extended one-generation reproduction
- Juvenile toxicity



### A LONG RECORD OF TOXICOLOGY EXPERIENCE

Battelle has more than 30 years of experience in conducting GLP-compliant toxicology studies for drug approval, product registration and product safety. Our DART services are backed by decades of experience in preclinical research, industrial toxicology and environmental exposure studies. We can fulfill all of your study needs for FDA approval, OECD approval, or EPA or REACH regulatory requirements.

#### Ready to learn more?

Contact us today to talk with a study design expert.  
800.201.2011  
solutions@battelle.org  
www.battelle.org



Every day, the people of Battelle apply science and technology to solving what matters most. At major technology centers and national laboratories around the world, Battelle conducts research and development, designs and manufactures products, and delivers critical services for government and commercial customers. Headquartered in Columbus, Ohio since its founding in 1929, Battelle serves the national security, health and life sciences, and energy and environmental industries. For more information, visit [www.battelle.org](http://www.battelle.org).

800.201.2011 | [solutions@battelle.org](mailto:solutions@battelle.org) | [www.battelle.org](http://www.battelle.org)

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ID 575 09/17

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