



Lovelace Biomedical conducts a full range of [Good Laboratory Practice \(GLP\)](#) and Non-GLP inhalation studies. We are known worldwide for our storied and long history in the field of inhalation toxicology. We integrate quality, leading-edge expertise in generation and characterization of exposure atmospheres, exposure technology, dosimetry, and evaluation of health outcomes, as needed to quickly meet study goals. Lovelace's large Inhalation Toxicology facility has capabilities and capacity to conduct single or repeated, nose-only or whole-body inhalation exposures of all laboratory species. Exposures range from individual animals for preliminary investigations to large-scale carcinogenicity bioassays.

Key Capabilities

- IND, NDA, BLA - enabling safety programs
- Standard Routes: Nose, head, whole body
- Histopathology, immunohistochemistry, morphometric capability
- Supporting nebulizers, metered dose inhalers, dry powder, unique aerosol systems
- Exposure to gases, vapors, fibrous, non-fibrous particles, exhausts, smoke, & other complex mixtures

Species



- Canine
- Non-human primate
- Rat
- Mouse
- Ferret
- Hamster
- Gottingen, Yucatan or Yorkshire swine
- Guinea pig
- Rabbit



AAALAC Accredited Animal Facilities



70+ Years Inhalation Toxicology Experience



Custom study designs and specialty routes available