

CORPORATE PROFILE

AVANZA is a preclinical contract research organization (CRO) providing GLP compliant drug development services at our AAALAC accredited laboratory located in Gaithersburg, Maryland. The AVANZA team has earned a well-established reputation by conducting toxicology studies for pharmaceutical, biotechnology, and government organizations since the 1990s. Our scientific team includes board certified study directors with advanced degrees, and diverse areas of expertise to ensure our services are conducted following the highest level of scientific standards. These services include general toxicology, safety pharmacology, and developmental and reproductive toxicology along with supporting services.

Integrated Preclinical Services

AVANZA provides integrated preclinical safety assessment services. AVANZA strives for excellence by providing our clients with studies of sound science, technical proficiency, quality assurance and integrity, while meeting our client's timeline requirements.

Preclinical Services Portfolio

AVANZA helps clients plan and conduct safety assessment studies to assist compound development programs involving small molecules, biologics, nutraceuticals, vaccines, chemicals, and intermediates. We conduct short and long-term *in vivo* studies, from acute to carcinogenicity, and also provide seamless supporting services through our research collaborators.

- General Toxicology
- Developmental and Reproductive Toxicology (DART)
- Safety Pharmacology (CV/Respiratory and CNS)
- Vaccine Development
- Pathology Services
- Bioanalytical Services
- Drug Metabolism and Pharmacokinetic Services (DMPK)

Species

- Mouse
- Rat
- Guinea pig
- Rabbit
- Canine
- Minipig
- Non-human Primate (NHP)
- Pig / Swine

Routes of Administration

- Continuous infusion
- Dermal
- Ocular
- Oral (gavage, capsule, diet, drinking water, etc.)
- Parenteral (I.V., I.M., S.C., I.P., F.A., etc.)
- Vaginal and Rectal
- Customized

Facilities and Supporting Systems

AVANZA's facility is AAALAC International accredited, USDA registered, and has OLAW assurance as well as DEA and radiation licenses. Our vivarium offers teratology, neurobehavioral, and surgical capabilities. Data are collected online using the Provantis™ automated data collection system.

AVANZA's laboratory includes restricted access by key cards, security cameras, security monitoring, and restricted use of cell phones and photographic devices.

Teams of Excellence

At AVANZA, you will have access to the expertise you need to ensure study success.

- Study Directors with PhDs and DABTs.
- DAACLAM veterinarian
- US board-certified veterinary pathologists with an average of 15 years of experience through our alliance with Vet Path Services
- Dedicated training program which includes AALAS-certified technicians
- Registered Quality Assurance (GLP) Certified Auditors

The AVANZA Choice

We are dedicated to providing our clients with unparalleled drug development services.

- Validated data acquisition software (Provantis™)
- Integrated program management and report writing
- US board-certified toxicologists and pathologists
- Accredited facilities
- Animal welfare procedures
- Strict confidentiality and data security
- The industry's top technical training and certification program

Our organization's experience combined with technical proficiency, speed, and regulatory expertise ensure that you receive quality and timely reports in support of your regulatory submissions.

Study Management

At AVANZA, we see ourselves as an extension of your product development team. We partner with you to design and conduct studies to meet your particular scientific and regulatory needs. We understand the criticality of timelines, and scheduling. We proactively communicate study findings on a regular and frequent basis. We are responsive to your requests. Your success brings us closer to fulfilling our mission of advancing cures by providing sound science, technical proficiency, quality assurance, integrity, and speed of process.

Product Development Services

Project Planning, Agency Submissions and Representation:

- Preparation and review of integrated non-clinical summaries for regulatory agencies
- Representation with the various regulatory agencies
- Safety and efficacy program design

Other Services

Remote or On-Site Staffing Services Including:

- Utilizing our staff to augment your capabilities either at your site or remotely
- Technical training services at your site or ours
- SOP Development
- Subcontractor assessment and qualification

IACUC and Animal Program Compliance:

- Preparation and/or review of your IACUC process
- Preparation for AAALAC program submission/review
- Support with preparation of annual report submissions

Contact us for more information on how AVANZA can assist with your preclinical drug development programs in a cost-effective and quality manner.