celerion.com

Global Clinical Research

celerion
Applied Translational Medicine

Phoenix, Arizona

Celerion is the largest global early clinical research provider, with three facilities and over 600 beds across North America and Europe.

Our state-of-the-art clinic in Phoenix, Arizona offers comprehensive clinical capabilities and a full clinical laboratory. With 300 beds (including 65 intensive care beds) the clinic has one of the largest early phase clinical-bed capacities in the Western United States.

Experience and flexibility

Celerion's facility in Phoenix has been in operation over 25 years. The senior leadership team average over 10 years of clinical research experience, while dedicated investigators average 12 years.

This extensive knowledge and experience has resulted in the development of creative solutions for client programs to optimize success.

- More than 300 studies completed in the last five years: greater than 50 percent were PK, bioavailability, drug-drug interaction and First-in-Human (FIH)
- Case Report Forms data entry within 48 hours of collection: using ClinQuick®, paper and EDC systems

Cardiovascular Safety Services

Extensive experience and innovative solutions enable Celerion to deliver high-quality and cost effective QT assessment.

- Celerion is a market leader in cardiovascular safety services, with 50 Thorough QT (TQT) and over 400 ECG intense studies conducted over the last five years, in group sizes of up to 60 participants
- Optimized cardiac safety data collection resulting in lower variability – participant QTc standard deviation of 6msec versus industry average of approximately 10msec, enabling smaller group sizes and therefore, lower cost
- The first CRO with a Highly Automated ECG Core Lab system utilizing Bluetooth-enabled Holter monitors and highly automated ECG review providing clients faster access to high-quality data at a lower cost

Platelet aggregation

Celerion has achieved a major milestone of generating over 25,000 platelet aggregation sample results. The samples were collected from over 1,000 participants dosed in more than 20 studies. Platelet function assays are inherently variable, so a high level of experience is critical to produce reliable and accurate platelet aggregation results.

- Broad experience with several agonists including thrombin, TRAP, ADP (in multiple concentrations), arachidonic acid, collagen and epinephrine
- Clients benefit from higher quality data, reduced timelines and lower costs

Association for the Accreditation of Human Research Protection Programs, Inc.
Full Accreditation

Celerion is the first CRO, headquartered in the USA, to receive full accreditation from Association for the Accreditation Human Research Protection Programs (AAHRPP).

celerion.com

celerion
Applied Translational Medicine

Phoenix, Arizona

Ophthalmic services

Proven record and experience in conducting ophthalmic studies, involving over 800 participants, enables Celerion to efficiently run studies that save time and cost.

- On-site ophthalmic suite equipped for collecting refraction, biomicroscopy, fundus examination, Intra-ocular Pressure (IOP) (Goldmann applanation and airpuff), pupil size assessment, best-corrected visual acuity, macroscopic hyperemia, PK tear collection data, visual field and pachymetry

Technology for data you can trust

ClinQuick®, used in all Celerion clinics, is a proprietary Phase I clinical study management system with electronic data acquisition as its core function. ClinQuick assures consistency of clinical operations and data collection across sites, giving access to accurate high-quality information. This information enables faster go/no-go decisions based on accurate data and reduces time to database lock. Preprogrammed alerts ensure all events occur according to protocol, thereby reducing potential error and increasing participant safety.

Accreditations and regulatory compliance

- CCRC certified Study Managers
- CLIA licensed and CAP certified Clinical lab
- CPI Certified Principal Investigators
- Fully GCP/GLP compliant
- "Laboratory of Distinction" from CAP
- LEED® Silver certification
- Schedule I-V DEA license

Study populations

- Diabetics
- Elderly
- Long-term confinement
- Normal healthy men and women
- Obese
- Post-menopausal women

Specialized techniques

- Cardiac/ECG/TQT
- Cognitive testing
- Glucose Clamp
- IV, sub-Q, transdermal dosing
- Lumbar punctures
- On-site ultra sound mammogram
- Ophthalmic testing
- Platelet aggregation
- Pulmonary function testing
- Punch biopsies
- X-ray

Types of studies

- Bioavailability and bioequivalence
- Cardiovascular Safety Services, including Thorough QT/QTc
- Dose-ranging: SAD/MAD
- Drug/alcohol interaction
- Drug/drug interaction
- Drug/food interaction
- First-in-Human
- Ophthalmic
- Phase I and II
- PK/PD
- Safety and tolerability

Phoenix specialists

- Allergist/immunologist
- Anesthesiologist
- Cardiologist
- Dermatologist
- Endocrinologist
- Erectile dysfunction
- Gastroenterologist
- Neurologist
- Ophthalmologist
- Optometrist
- Rheumatologist
- Ultrasound technician
- Urologist

Culture of quality

Celerion's quality and compliance systems, processes and personnel have instilled a culture of quality inherent in every program, with real-time quality control to enable delivery of high-quality, accurate data. Global Standard Operating Procedures (SOPs) and processes ensure consistency for all studies conducted across all sites.

Celerion was awarded LEED® Silver by the U.S. Green Building Council and verified by the Green Building Certification Institute (GBCI). LEED is the U.S.'s preeminent program for the design, construction and operation of high performance green buildings.

Celerion
Global Clinical Research
2420 West Baseline Road
Tempe, AZ 85283
USA
Tel: +1.602.437.0097
Fax: +1.602.437.3386
info@celerion.com
www.celerion.com

CLR023.042815