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# ALTASCIENCES' FACILITIES

Moving in Unison



ALTASCIENCES



# YOUR DRUG DEVELOPMENT PARTNER

A FULLY-INTEGRATED CRO/CDMO, THAT TRANSFORMS THE TRADITIONAL OUTSOURCING PARADIGM BY SIMPLIFYING AND STREAMLINING DRUG DEVELOPMENT SOLUTIONS.



With nine facilities across Canada and the U.S., Altasciences offers you an integrated, comprehensive solution for all your early phase drug development needs. From discovery to clinical proof of concept, and beyond, our facilities **move in unison** to help you get better drugs to the people who need them, faster.

In this eBook, discover each of our facilities and their unique expertise.



# PRECLINICAL

Our four preclinical research facilities offer a full range of *in vivo* GLP and non-GLP evaluations for small and large molecules, in a wide range of species, to support your drug development programs from exploratory to regulatory submission.



## SEATTLE, WASHINGTON

### SITE FEATURES

- 160 custom-designed animal rooms, including European housing
- Capacity to house ~3,680 NHPs, ~500 canines, ~12,000 rodents, and ~800 rabbits
- On-site archive facility (~4,500 sq. ft.)
- In-house bioanalytical laboratories to support internal and external studies
- Also supports clinical studies

### SITE SPECIALTIES

- Monoclonal antibodies
- Gene therapy
- Oligonucleotides
- Antibody drug conjugates (ADC) in NHPs

### ACCREDITATIONS/CERTIFICATIONS

- AAALAC accredited
- USDA registered
- OLAW assured
- BSL-2 certified

### PROXIMITY TO

- Seattle-Tacoma International Airport
- Paine Field Domestic Airport

2,400+  
safety studies to date

400+  
staff members



[▶ Step inside](#)



# SCRANTON, PENNSYLVANIA

## SITE FEATURES

- 40 animal rooms
- Capacity to house ~140 NHPs, ~350 canines, ~350 swine, ~6,500 rodents, and ~800 rabbits
- On-site archive facility (1,840 sq. ft.)

## SITE SPECIALTIES

- Small molecules
- Efficacy pharmacology
- Ophthalmology

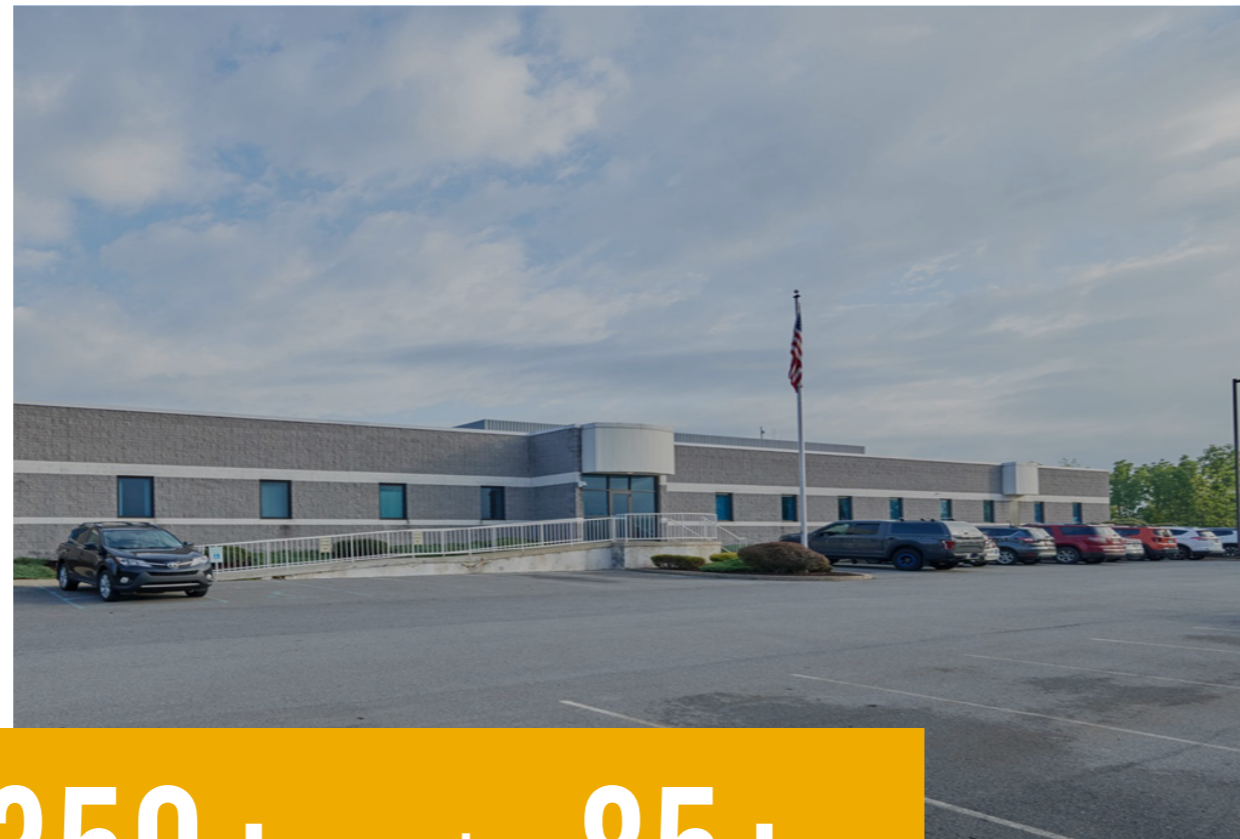
## ACCREDITATIONS/CERTIFICATIONS

- AAALAC accredited
- USDA registered
- PHS assured
- DEA registered Schedule I-V

## PROXIMITY TO

- Wilkes-Barre Scranton International Airport

 Take a peek inside



**350+** | **85+**  
safety studies annually | staff members

# COLUMBIA, MISSOURI

## SITE FEATURES

- 80 custom-designed animal rooms
- Capacity to house ~200 NHPs, ~700 canines, ~800 swine, ~2,320 rodents, ~300 guinea pigs, and ~100 rabbits
  - Largest herds of miniature swine in the U.S.
- On-site archive facility (~4,000 sq. ft.)
- In-house bioanalytical laboratories to support internal and external studies
- Also supports clinical studies

## SITE SPECIALTIES

- Miniature swine research, including juvenile toxicology
- Dermal studies
- Non-rodent surgery

## ACCREDITATIONS/CERTIFICATIONS

- AAALAC accredited
- USDA registered
- PHS assured
- DEA registered Schedule II-V

## PROXIMITY TO

- St. Louis Lambert International Airport
- Kansas City International Airport

**180+** | **270+**  
safety studies annually | staff members



# SACRAMENTO, CALIFORNIA

## SITE FEATURES

- 18 animal rooms
- Capacity to house ~850 NHPs
- CDC quarantine area

## SITE SPECIALTIES

- Large molecule NHP studies, with particular expertise in:
  - cell and gene therapy
  - ocular studies
  - CNS research

## ACCREDITATIONS/CERTIFICATIONS

- AAALAC accredited
- USDA registered
- CDC registered
- OLAW assured

## PROXIMITY TO

- San Francisco, California
- Airports
  - San Francisco International Airport
  - Oakland International Airport
  - Buchanan Field Domestic Airport
  - Napa County Domestic Airport



**180+**  
studies to date

**31,000**  
square feet

# ALTASCIENCES' SPECIES EXPERTISE



DOGS



RATS/MICE



GUINEA PIGS



RABBITS



MINIATURE SWINE



NHPs

- Cynomolgus
  - Cambodian
  - Philippine
  - Mauritian
- Rhesus
  - Chinese





# CLINICAL

Our clinical trial units include adaptive Phase I and II clinical pharmacology units for healthy normal volunteers and patient population studies, for small and large molecules. We complete over 285 clinical trials each year, in a wide range of therapeutic areas.



## MONTRÉAL, QUÉBEC, CANADA

### SITE FEATURES

- Dedicated USP 797 pharmacy with clean room
- Seven individual, specialized units
- Co-located ophthalmology clinic
- Large, customizable clinical pharmacology unit

### SITE SPECIALTIES

- Expertise in neurological/CNS studies (cognition, pain, HAP, etc.)
- Ophthalmology
- 10 driving simulators on-site

### PROXIMITY TO

- Altasciences' bioanalytical facility in Laval, QC (15-minute drive)
- Montréal-Pierre Elliott Trudeau International Airport

265

beds

200+

staff members



[!\[\]\(3342c215b2a8b663596a81468d5dc314\_img.jpg\) Discover the Montréal clinic](#)



# KANSAS CITY, KANSAS

## SITE FEATURES

- 36-bed, secure access specialty unit for sequestering patient populations
- Dedicated USP 797 pharmacy with clean room
- Dedicated QT unit, ECGs, and Holter monitors
- PBMC processing

## SITE SPECIALTIES

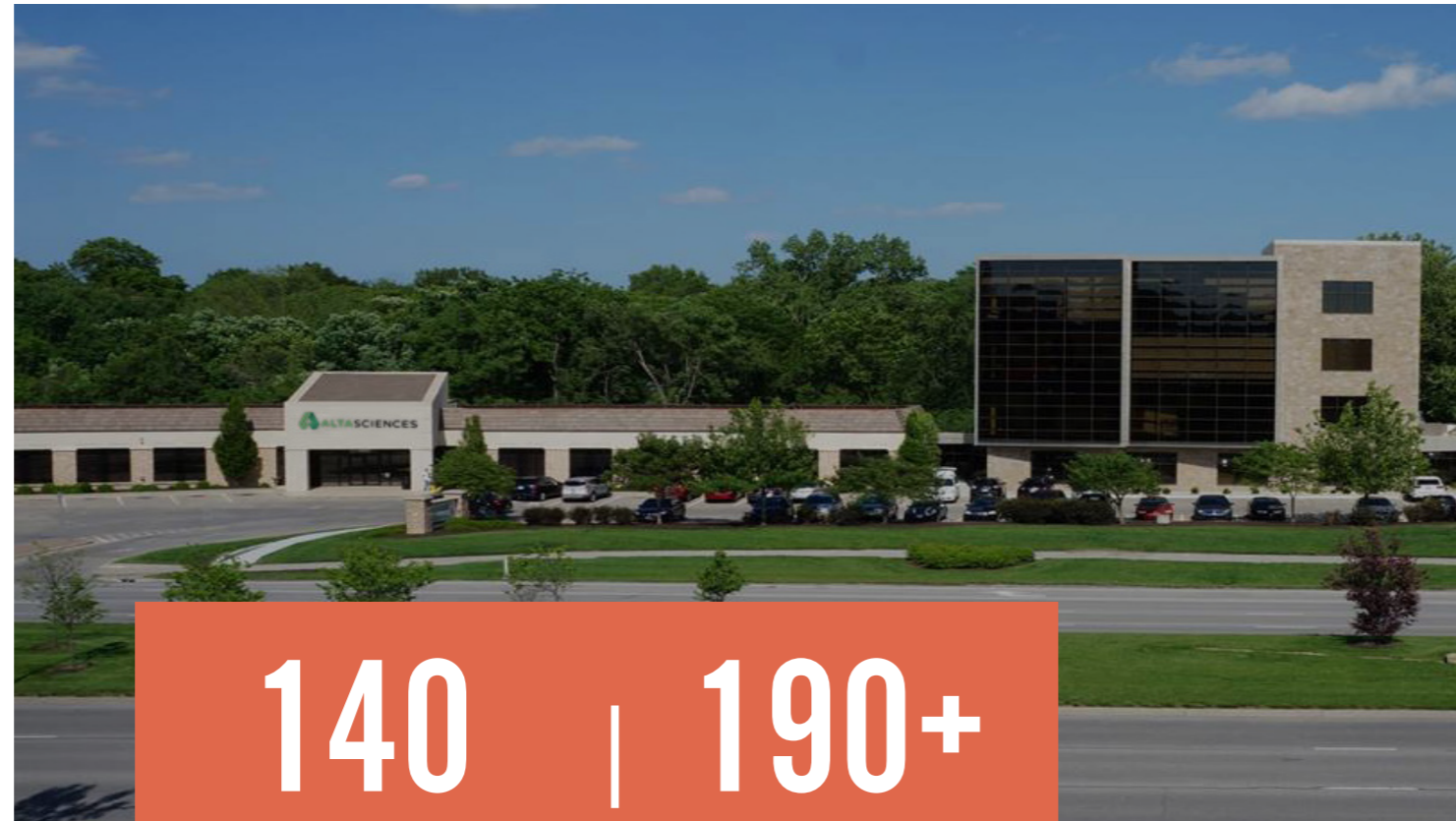
- Neurological/CNS studies, particularly HAP
- Long-term stays

## PROXIMITY TO

- Kansas City International Airport



[▶ Watch a virtual tour](#)



**140** | **190+**  
beds | staff members

# LOS ANGELES, CALIFORNIA

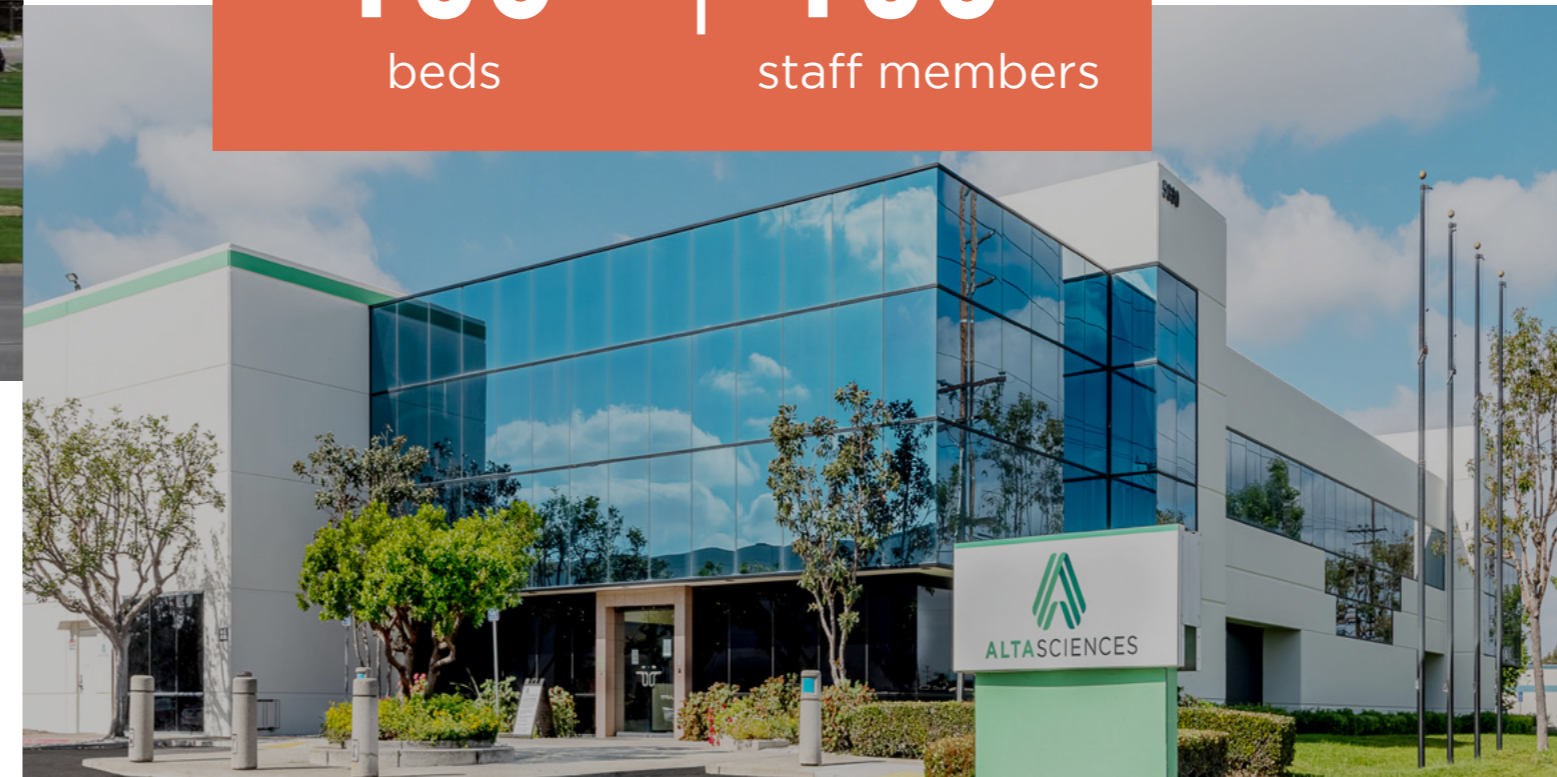
## SITE FEATURES

- PBMC processing
- Dedicated USP 797 pharmacy with clean room
- Multilingual participant recruitment
- On-site CAP and CLIA-accredited safety reference laboratories

## SITE SPECIALTIES

- Asian ethnobridging studies to accelerate global drug development

**180** | **180+**  
beds | staff members

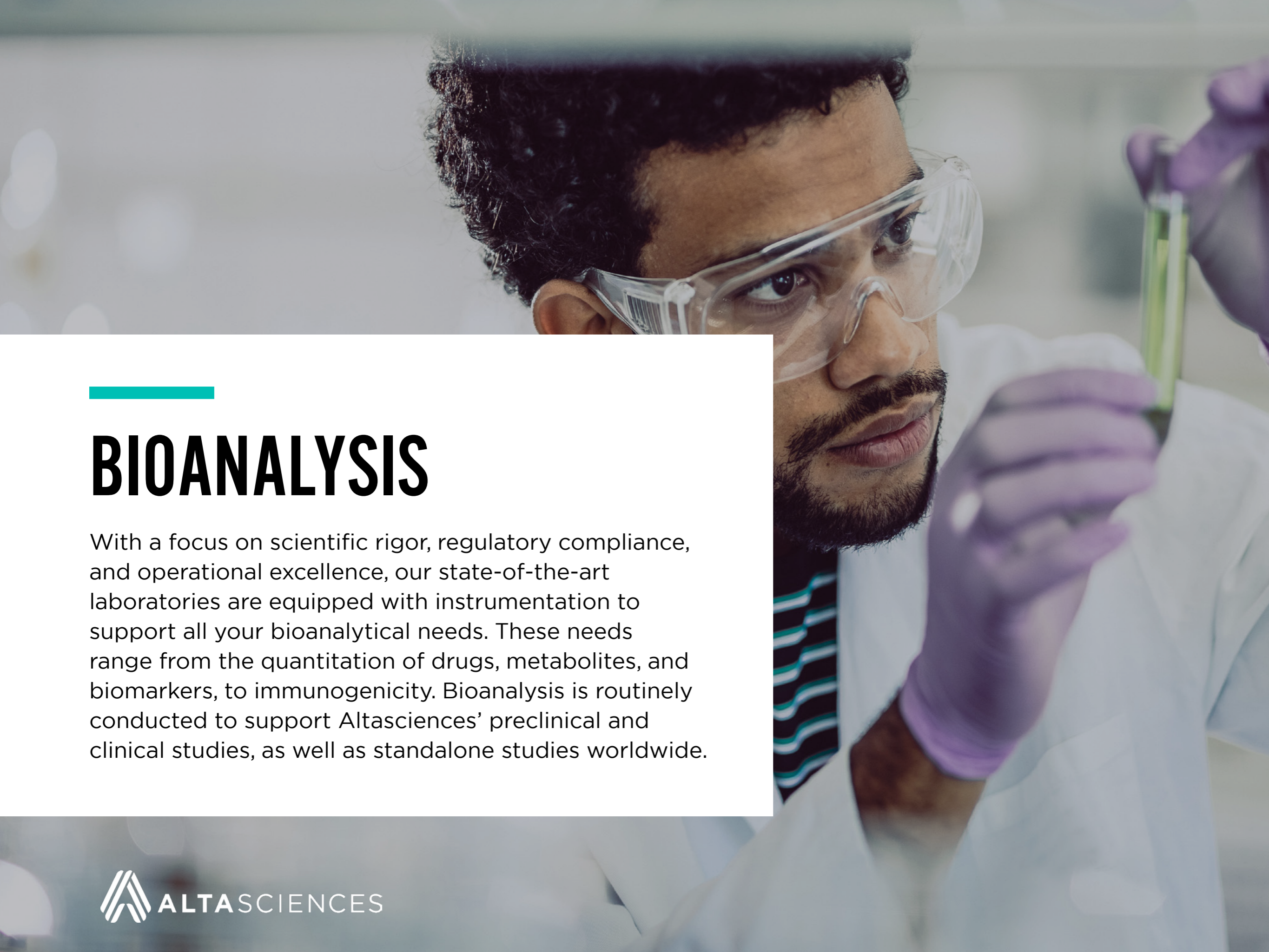


[▶ Take a virtual tour](#)

## PROXIMITY TO

- Los Angeles International Airport
- Long Beach Domestic Airport
- John Wayne Airport





# BIOANALYSIS

With a focus on scientific rigor, regulatory compliance, and operational excellence, our state-of-the-art laboratories are equipped with instrumentation to support all your bioanalytical needs. These needs range from the quantitation of drugs, metabolites, and biomarkers, to immunogenicity. Bioanalysis is routinely conducted to support Altasciences' preclinical and clinical studies, as well as standalone studies worldwide.



## LAVAL, QUÉBEC, CANADA

### SITE FEATURES

- 18,792 sq. ft. laboratory space
- In-house storage and sample management for all sites
- Sample storage at room temperature (22 °C), 4 °C, -20 °C, -80 °C, and cryogenic capabilities (-196 °C)
- Equipped with Watson LIMS
- CL2 areas, and experience working with infectious samples
- Ability to support worldwide sample shipments
- Also supports preclinical and clinical studies

### SITE SPECIALTIES

- Flow cytometry
- Microsampling
- Immunogenicity
- Biomarkers
- Cell-based assays
- Ligand binding assays
- Hybrid mass spectrometry and ligand binding assays
- PBMC isolation
- ELISpot
- Mass spectrometry

### PROXIMITY TO

- Montréal-Pierre Elliott Trudeau International Airport
- Altasciences' clinical facility in Montréal, QC (15-minute drive)



Take a virtual tour of our LC/MS-MS lab



Take a virtual tour of our LBA lab



database of  
**685+**  
assays, covering 650+ molecules



# SEATTLE, WASHINGTON

## SITE FEATURES

- Located within our preclinical facility
- In-house storage and sample management
- Sample storage at room temperature (22 °C), 4 °C, -20 °C, -80 °C, and cryogenic capabilities (-196 °C)
- Equipped with Watson LIMS
- In-house bioanalytical laboratories to support internal and external studies
- Ability to support worldwide sample shipments
- CL2 areas, and experience working with infectious samples
- Also supports clinical studies

## SITE SPECIALTIES

- PCR
- Mass spectrometry
- Flow cytometry
- Ligand binding assays
- Immunogenicity
- PBMC isolation
- Biomarkers
- Cell-based assays

## PROXIMITY TO

- Seattle-Tacoma International Airport
- Paine Field Domestic Airport



~4,000  
square feet

 **Step inside our  
bioanalytical labs**



~4,000  
square feet

# COLUMBIA, MISSOURI

## SITE FEATURES

- Located within our preclinical facility
- In-house bioanalytical laboratories to support internal and external studies
- In-house storage and sample management
- Equipped with Watson LIMS
- Sample storage at room temperature (22 °C), 4 °C, -20 °C, -80 °C, and cryogenic capabilities (-196 °C)
- Ability to support worldwide sample shipments
- CL2 areas, and experience working with infectious samples
- Also supports clinical studies

## SITE SPECIALTIES

- PCR
- PBMC isolation
- Flow cytometry
- Biomarkers
- Immunogenicity
- Cell-based assays
- Microsampling
- Ligand binding assays

## PROXIMITY TO

- St. Louis Lambert International Airport
- Kansas City International Airport
- Altasciences' clinical pharmacology unit in Kansas City



# MANUFACTURING AND ANALYTICAL SERVICES

Our CDMO campus offers comprehensive manufacturing and analytical services, including formulation development, Phase I through commercial manufacturing, and ICH stability storage and testing. We also provide analytical method development, qualification, and validation, as well as finished product and release testing. We have formulated, tested, and/or manufactured nearly every pharmaceutical dosage form on the market today.



## PHILADELPHIA, PENNSYLVANIA

### SITE FEATURES

- Analytical, manufacturing, and cGMP warehouse facilities
- State-of-the-art Grade C and Grade D clean rooms
- Client-dedicated space and equipment, as required
- DEA license for drugs and controlled substances Schedule I-V, including pallet positions for Schedule III-V, and vaults for Schedule I-II
- Environmental monitoring system

### SITE SPECIALTIES

- Formulation development and manufacturing of most dosage forms
- In-house analytical testing
- ICH stability testing
- Phase I, II, and III clinical supply and commercial manufacturing
- Bottle and blister packaging and package design

### PROXIMITY TO

- Philadelphia International Airport
- Lehigh Valley International Airport

[▶ Discover our CDMO facility](#)



**64,000+**  
square-foot campus

**50+**  
staff members



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# ABOUT ALTASCIENCES

Altasciences is a forward-thinking, drug development solution company offering pharmaceutical and biotechnology companies a proven, flexible approach to preclinical and clinical pharmacology studies, including formulation, manufacturing, and analytical services. For over 25 years, Altasciences has been partnering with sponsors to help support educated, faster, and more complete early drug development decisions. Altasciences' integrated, full-service solutions include preclinical safety testing, clinical pharmacology and proof of concept, bioanalysis, program management, medical writing, biostatistics, clinical monitoring, and data management, all customizable to specific sponsor requirements.

**Altasciences helps sponsors get better drugs to the people who need them, faster.**



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