



Your Dedicated Partner in Drug Safety



ITR GLOBAL

Providing Services for:

- General Toxicology
- Inhalation Toxicology
- Infusion Toxicology
- Carcinogenicity
- Reproductive toxicology
- Irritation & Sensitization
- Mutagenicity
- Safety Pharmacology
- Analytical & Bioanalytical

JAPAN

BoZo Research Centre

Tokyo Headquarters

Osaka Office

Gotemba Laboratory

Kannami Laboratory

Tokyo Laboratory

Hitachinaka Institute of Analytical
Sciences

Tsukuba Research Institute

CANADA

ITR Canada Inc.

Baie d'Urfé (Montreal) Laboratory

CHINA

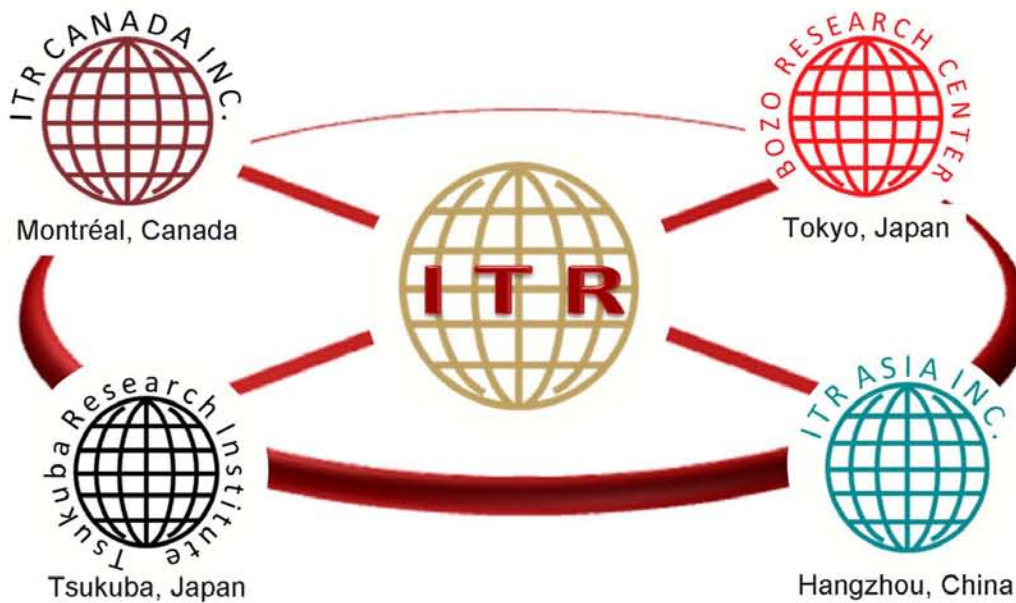
ITR Asia Inc.

Hangzhou City Laboratory



ITR (International Toxicology Research) Global Services

The ITR Global group employs over 750 people at its various locations in 3 countries.



ITR Canada is located in Montreal, Quebec and was established in 1991. The purpose built laboratory occupies 110,000 sq feet (10,400 m²) and has 50 multi-species animal rooms, 11 inhalation exposure rooms and a surgical suite as well as full support services including analytical, pharmacy, clinical pathology, necropsy, histology and pathology. The laboratory is fully GLP accredited, FDA, EMEA, and US Dept of Defense inspected as well as AALAC and CCAC accredited.

ITR Canada offers studies in:

- General Toxicology
- Carcinogenicity (conventional and transgenic)
- Inhalation
- Infusion
- Safety Pharmacology

Study durations range from acute through chronic in all the usual laboratory species including rodents, dogs, primates, minipigs, rabbits and guinea pigs.



ITR Canada Inc.

The **Bozo (Biological and Zoological) Research Centre** was established in 1972 and currently occupies a number of locations in the greater Tokyo area of Japan including:

- Tokyo Head Office
- Gotemba Laboratory
- Kannami Laboratory
- Tokyo Laboratory
- Hitachinaka Institute of Analytical Sciences
- Osaka Sales Office

Tokyo Head Office

A new 9 storey office and conference complex close to the centre of Tokyo where the company President and the Japanese planning, accounting, and sales staff are located.

Gotemba Laboratory

A fully GLP inspected laboratory consisting of eight buildings occupying 129,000 sq feet (12,000 m²) which provide 115 rooms and the capacity to accommodate up to 55,000 rodents. Gotemba is Japan's largest barriered rodent facility and is the primary provider of carcinogenicity studies in the



Tokyo Head Office



Gotemba

Gotemba offers rodent studies in:

- General Toxicology
- Carcinogenicity
- Reproductive / Developmental Toxicology
- Infusion
- Safety Pharmacology
- Pharmacokinetics
- Immunotoxicity
- Neurotoxicity
- Mutagenicity



Kannami Laboratory

Kannami Laboratory

A fully GLP inspected laboratory consisting of five buildings occupying 59,000 sq feet (5,500 m²) which provide 62 rooms and the capacity to accommodate 850 dogs, 750 primates and 1500 rabbits / guinea pigs.

Kannami offers large animal studies in:

- General Toxicology
- Reproductive / Developmental Toxicology
- Infusion
- Irritation
- Photosensitisation

Hitachinaka Institute of Analytical Science

A GLP accredited analytical laboratory with over 5000 sq feet (470 m²) of floor space. The laboratory has multiple LC/MS/MS machines including API 5500, API 4000, API 4000 Q-trap and Micromass Ultima.

The laboratory offers:

- Method development
- Method validation
- Toxicokinetic analysis
- Pharmacokinetic analysis
- Clinical bioanalysis



Hitachinaka Analytical Lab



Tokyo Laboratory

Tokyo Laboratory

This 7,000 sq feet (630 m²) GLP accredited laboratory offers Ames tests in a variety of bacterial strains of both *S typhimurium* and *E coli*.



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Tsukuba Research Institute

Tsukuba Research Institute is a recent acquisition and was purchased in 2008 from Novartis Pharma. It is located outside of Tokyo, has over 220,000 sq feet (20,800 m²) of floor space in 5 buildings in a site of almost 12 acres.

Tsukuba Research Institute will focus on drug discovery solutions in Oncology and Drug Metabolism Disorders using a variety of in vitro tests and animal models. Current services include:

Metabolic Disorders

- Cell-free and cell-function assays
- Evaluation of anti-diabetic effects using rodent models (e.g. dietary obesity, db/db, ob/ob, KKAY etc.)
- Glucose/insulin tolerance tests
- Plasma parameters (glucose, insulin, TG, TC, FFA etc.), tissue biomarkers (TG contents, ex vivo FAO & FAS, tissue mRNA expression etc.)
- Development of new models of diseases

Oncology

- Cancer spectrum with cell panel
- Xenograft/Syngenic model (mouse/rat)
- Dose regimen selection
- Efficacy, toxicity, PD marker
- Combination therapy



ITR Asia

ITR Asia is located in Hangzhou City in the Zhejiang Province of China. Another recent acquisition by the ITR Global group, the 32,000 sq feet (3,000 m²) of floor space offers 8 rooms (4 rodent and 4 large animal).

ITR Asia will offer general toxicology and safety pharmacology services with a particular emphasis on primate research. ITR Asia will begin preclinical services in Q2 of 2010 and it is anticipated that GLP qualification will be achieved by 2011.