

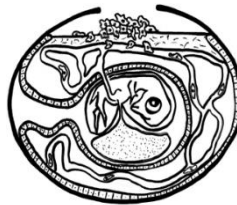
A Unique In Vivo Assay for Your Oncology Drug Candidates

Human Tumor Cell Grafts

15 types of cancer
More than 35 cell lines

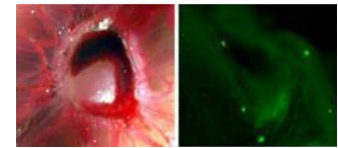


Treatment Period



Analysis

Tumor growth
Metastatic invasion
Early toxicity



Tumor

Nodules

Human Tumors:

- Glioma
- Lung Carcinoma
- Cervix Adenocarcinoma
- Breast Adenocarcinoma
- Prostatic Adenocarcinoma
- Melanoma
- Endocrine Pancreas
- Rhabdomyosarcoma
- Colon Adenocarcinoma
- Hepatocellular Carcinoma
- Lymphoblastoma
- Gastric Carcinoma
- Pancreas Carcinoma
- Kidney Adenocarcinoma
- Adrenocortical Carcinoma

Other cancers still in work. Ask for yours!

Publications:

El Hasasna *et al.*, 2016 - **Scientific Reports**
Kroiss *et al.*, 2015 - **Oncogene**

Mikaelian *et al.*, 2013 - **Cancer Research**
Al Dhaheri *et al.*, 2013 - **PLOS One**

Prudent *et al.*, 2013 - **B.J. Pharmacology**

Classical
preclinical models

inovotion

Advantages

2-3 months	1 month	FAST <i>just one month for your study</i>
1,000 units of drug	1 unit of drug	SENSITIVE <i>requires minute amounts of your drugs</i>
6 - 12 test points	15 - 18 test points	RELIABLE <i>low p value high statistical significance</i>
Yes	Yes	IN VIVO <i>but no animal testing</i>
5-10	1	AFFORDABLE <i>costs less than comparable techniques</i>

Other Advantages:

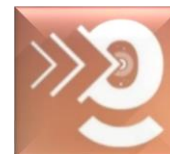
- **Early stage evaluation:** Eliminate low value molecules before the mice studies
- **Great predictivity:** Same cancer cell lines and golden standard molecules as other preclinical models

Decrease the risk in pre-clinical phases



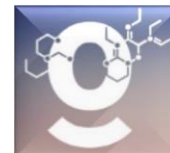
Efficacy & Toxicity

Determine the potential in vivo efficacy and toxicity of your compounds



Target Validation

Validate the involvement of a target in cancer development



Multi-Cancer Screening

*Test your compound on 10 cancers!
Don't miss any valuable molecules*