PDOX® LLC
Making treatment personal for each cancer patient

1. Metastasis is the lethal aspect of cancer.

2. Metastatic cancer is difficult to treat.

3. Each patient’s tumor and metastasis has a unique drug-response profile.

4. PDOX® LLC is the only company that can make a mouse model of each patient’s tumor where the tumor grows and metastasizes as it does in the donor patient (see New York Times article).

5. What is PDOX? Patient Derived Orthotopic Xenograft. What is orthotopic? Orthotopic literally means “correct surface” and in our case means that each patient’s tumor is implanted on the same organ in the mouse from which it originated in the patient. “Xenograft” literally means a transplant from outside. For PDOX the human tumor is implanted in the mouse.

6. What can we do for you? After surgery, your tumor can be transplanted to the corresponding organ in the mouse. Your tumor will grow, and then we will retransplant your tumor to 20-50 mice in order to test a panel of drugs chosen in consultation with your doctor. We will test to determine which drug(s) best inhibit the growth of the tumor and prevent metastasis.

7. Don’t be fooled by other companies who provide mouse models of patient tumors. These tumors are transplanted under the skin of mice, where they CANNOT METASTASIZE and drugs cannot be tested to prevent or inhibit metastasis, which is the most important for patient survival.

8. Only PDOX® LLC has the real patient-like mouse model.

9. PDOX® LLC is a subsidiary of AntiCancer, Inc. (www.anticancer.com), the world’s foremost company for mouse models of cancer.
How to make a PDOX model of your tumor

1. Arrange with your physician.

2. Contact us for how to have your tumor sent to us by the most rapid means and other details.

3. Contact us for logistics:

Charlene Cooper: Tel: 858-654-2555 Fax: 858-268-4175 or by email all@anticancer.com
1. Growth of each patient's tumor in the orthotopic (site of origin) in mice

2. Testing of panels of drug, including experimental drugs on mice with each patient's tumor.

3. Determine optimal drug(s) that eradicates the primary tumor and prevent or eradicate metastasis.

4. PDOX® LLC is the only company that tests drugs against metastasis.

Contact Charlene Cooper to initiate services: 858-654-2555 or by email all@anticancer.com
References

Key Publications:


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Locations also in Beijing, Nanjing, Seoul and Osaka