

### DID YOU KNOW?

Mortality rate from all cancers combined is 30%, the same as **UNTREATED SMALLPOX!!**



zPREDICTA is offering **SERVICES FOR SCREENING ANTI-CANCER THERAPEUTIC AGENTS**. Our unique multi-component organ-specific extracellular matrix (ECM) enables accurate reconstruction of human tissue architecture driving accurate prediction of clinical outcomes.

We offer spheroid, patient-derived primary 3D culture and co-culture models tested with multiple drug classes: small molecules, antibodies, ADCs, bi-/tri-specifics, CAR-T cells, and biologics, and is compatible with all standard readout methods such as, FACs, *in situ* imaging, CellTiter Glo, genomic analysis, & other.

### zPREDICTA News

- ❑ Our CEO, Julia Kirshner, Ph.D., presented a webinar “**3D Cell Culture Technologies In Drug Development**”. The recording can be found at <https://bit.ly/2BQFL1s>.
- ❑ We completed a feasibility study using zPREDICTA’s organ-specific 3D culture platform in HTS format. Please reach out to us for more information.
- ❑ Our website now features an FAQ section dedicated to questions about our technology and working with us. If you do not see an answer you seek, please submit additional questions to [info@zpredicta.com](mailto:info@zpredicta.com).



### St. Patrick’s Day SPECIAL

Submit a purchase order between March 1 and March 22, 2019 and **receive 15% off** the cost of the project. Pay for the project in full by March 31, 2019 and receive an **additional 5% discount**.

### How to work with us?

- Fee-for-service
- Integrate zPREDICTA 3D models into your workflow
- Custom model development



### Human Organ-Specific 3D Cell Culture Models



Model	Tissue	Cell lines	Multi-compartment co-culture*	Primary cells	HTS**	Custom
r-Breast		✓	✓	in progress		Custom models can be set-up for any tissue of interest utilizing the readout of choice
r-Bone (bone marrow)		✓	✓	✓#	in progress	
r-Colon		✓	✓			
r-Lung		✓	✓	in progress	✓	
r-Ovary		✓	✓			
r-Prostate		✓	✓			
r-Skin		✓	✓			
r-Stomach		✓	✓			
<b>Recommended readout</b>		CellTiter-Glo, ELISA, imaging	FACs, ELISA, imaging	FACs, ELISA, imaging	CellTiter-Glo	

\*Tumor cell lines co-cultured with **primary** cancer-associated fibroblasts (CAFs), mesenchymal stem cells (MSCs), or non-malignant fibroblasts with or without immune components. \*\*HTS pilot program is coming in November, 2019. #r-Bone system has been validated for 3D culture of primary bone marrow cells from **multiple myeloma** and AML.