

### Welcome to the 1st issue of zPREDICTA's quarterly newsletter, **BIOLOGY RECONSTRUCTED!**

Here you will find information about new technology developments, promotions, and other exciting things happening at zPREDICTA.



zPREDICTA, founded on the principle that cures for human diseases require laboratory systems based on human biology, is a pioneer in **organ- and disease-specific patient-derived 3D cell culture platforms for cancer drug testing**. The mission of zPREDICTA is to eliminate the guesswork from drug development, and thus, reduce the time and cost of bringing life-saving therapies to market.

The 'z' in zPREDICTA represents the 3-dimensional microenvironment of human organs critical for successful drug development. The multiple blocks making-up our logo represent the different components making-up human tissues, all of which are incorporated into our platforms.

### 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 launching in November, 2018.

#r-Bone system has been validated for 3D culture of primary bone marrow cells from **multiple myeloma** and **AML**.



### zPREDICTA News

- ❑ **zPREDICTA has received a US patent for our technology!**
- ❑ We are thrilled to announce the launch of our [Application Notes series: BIOLOGY RECONSTRUCTED!](#)
- ❑ zPREDICTA is now working with Science Exchange to extend the reach of our technology worldwide (press release coming out on November 1).

### Current PROMOTIONS

**End-of-the-Year Special:** set-up a new study by December 15, 2018 and **receive 15% off** the cost of the project. Pay for the project in full by December 25, 2018 and receive an **additional 5% discount**. Please contact us for details and eligibility.

**Coming soon ...**

HTS pilot program (Nov. '18) and Technology Access Program in Immuno-oncology (Jan. '19).



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