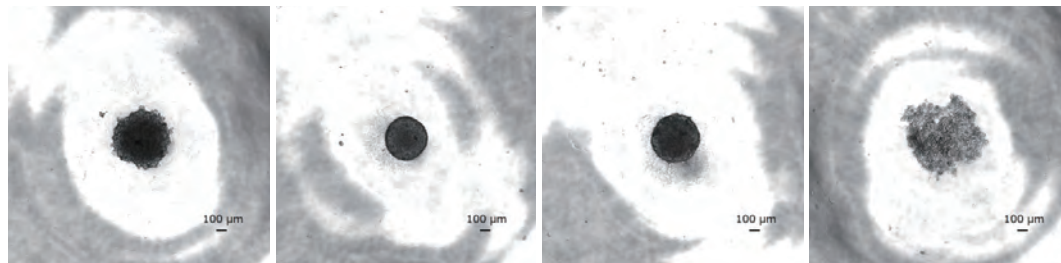


## Additional Data

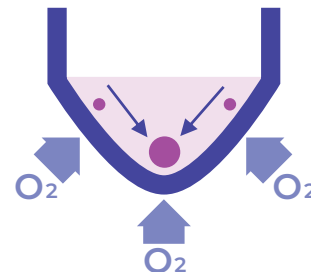
### Examples of spheroid formation

• Data obtained by Mitsui Chemicals

#### Image of phase-contrast observation ( 3 days of culturing )



HeLa (3,000 cells/well)      MCF7 (3,000 cells/well)      TFK-1 (3,000 cells/well)      MIA-PaCa 2 (3,000 cells/well)



**Conditions**

[ Plate type ]  
InnoCell™ T-plate FV series ( V bottom for 3D culture )

InnoCell™ T-plate can be used for spheroid formation in a variety of cell types.

### Cell3iMager Estier Analysis

• Data provided by SCREEN Holdings Co., Ltd.



	Manufacturer A ( PS-plate )	Manufacturer B ( PS-plate )	InnoCell™ T-plate
Cross-sectional image of interface ( saturation )			
Measurement of thickness of single layer culture			

**Conditions**

[ Equipment ] Cell3iMager Estier  
[ Technology ] Optical coherence tomography ( OCT )  
[ Cell ] MCF7  
[ Coat ] iMatrix 511  
[ Culture period ] 5 hours  
[ Plate type ] InnoCell™ T-plate FP series ( flat bottom )  
Non-treated ( N type )

InnoCell™ T-plate enables clear viewing of the cell shapes in flat-surface culture using OCT imaging.

[ Abbreviation ] · PS : Polystyrene · PDMS : Poly ( dimethylsiloxane ) · FEP : Fluorinated ethylene-propylene

## Additional Data 2

### FDSS / μCELL Kinetic Plate Imager Analysis

• Data provided by HAMAMATSU PHOTONICS K.K.

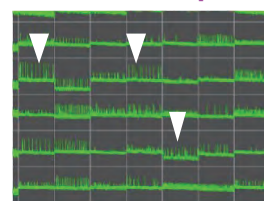


Rat cerebral cortex



Ca<sup>2+</sup> dye

#### InnoCell™ T-plate



Ca<sup>2+</sup> oscillation

#### Conditions

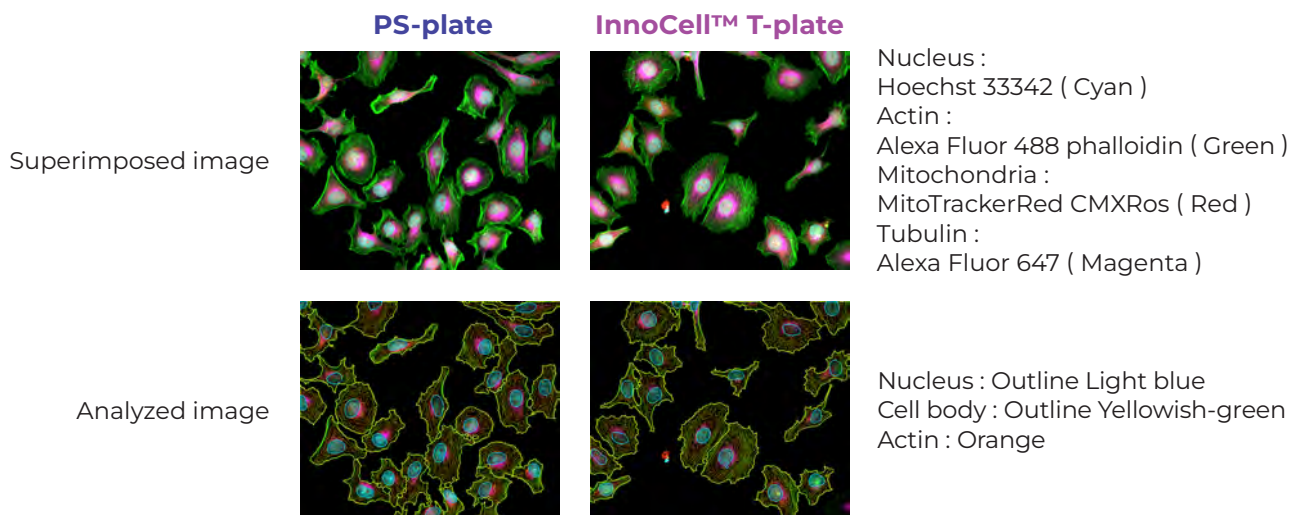
[ Equipment ] FDSS / μCELL Kinetic Plate Imager  
 [ Tissue ] Rat cerebral cortex  
 [ Culture period ] 15 days  
 [ Plate type ] InnoCell™ T-plate FP series ( flat bottom )  
 Non-treated ( N type )

InnoCell™ T-plate enables good Ca<sup>2+</sup> oscillations in tissue culture of rat cerebral cortex.

### CellVoyager CQ1 Analysis

• Data provided by Yokogawa Electric Corporation

#### Image by confocal microscope ( × 40 objective lens )



#### Conditions

[ Equipment ] CellVoyager CQ1  
 [ Analysis ] CellPathfinder  
 [ Cell ] pkt1  
 [ Plate type ] InnoCell™ T-plate FP series ( flat bottom )  
 Collagen-coated ( C type )

When using InnoCell™ T-plate in conjunction with the CellVoyager CQ1, high-definition confocal microscope images can be obtained for analysis.

[ Abbreviation ] · PS : Polystyrene · PDMS : Poly ( dimethylsiloxane ) · FEP : Fluorinated ethylene-propylene