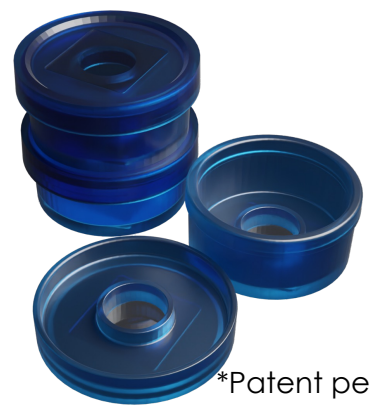


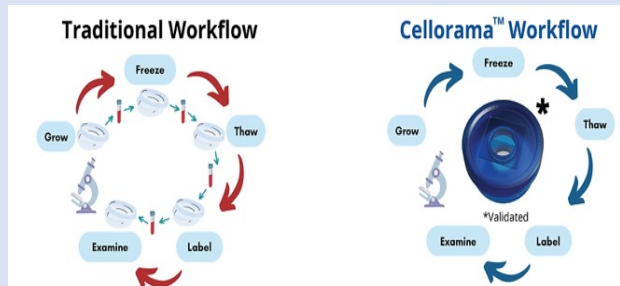
Cello™-M*

Multipurpose cell culture container



*Patent pending

- Growing cultures at their ideal environment, and processing and examining them in the same place is important for cellular fitness and correct data.

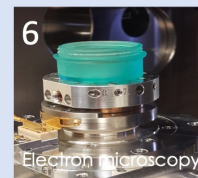
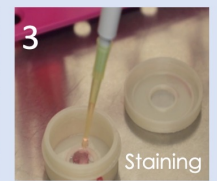
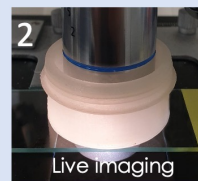


- Cello™-M streamlines the traditional workflow that consists of transfers between various containers and steps prone to sample loss or contamination.
- One Cello™-M replaces nine containers in the traditional workflow. The Cellorama™ workflow eliminates transfers, pipetting and centrifugation; provides a single environment during the entire procedure.
- The design of the inner well supports the 2D and 3D growth of organoids, spheroids, and cells.
- Optical high quality of the well provides clear imaging under high-resolution microscopes, enables sensitive fluorescence analysis, protects autofluorescence.
- Biocompatible and temperature resistant material enables both the freezing and thawing of the entire sample. It operates between -160°C and +60°C.
- During cell culture, the lid is closed loosely to allow gas flow. During freezing and thawing, the lid is closed tightly.
- Inner well can be used for resin block preparation from the sample for transmission electron microscopy.
- Sample can be processed and then directly visualized under a scanning electron microscope.
- Humidity chamber surrounds the well and can be used any need for long term experiments, like immunohistochemical staining.
- The lid can be used for hanging drop methodology.

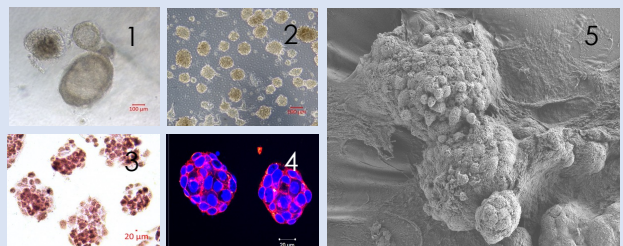
7 Functions

With

1 Cello™-M



- Cello™-M enables growing (1), freezing & thawing (2), staining (3), labeling (4), processing, and examining the entire sample (5) (e.g., organoids, spheroids, cells) in a single environment.



Reference: Tok, OE., et al Culturing, Freezing, Processing, and Imaging of Entire Organoids and Spheroids While Still in a Hydrogel. J. Vis. Exp. (190), e64563, doi:10.3791/64563 (2022)