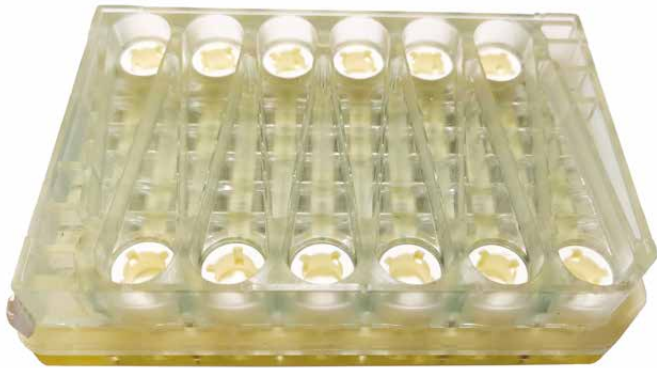


PhysioMimix™ Consumable plates

All our microphysiological (MPS) consumable plates work with the PhysioMimix™ benchtop Organ-on-Chip system developed by CN Bio Innovations.

Each MPS consumable plate well is fluidically isolated and can be used to run multiple independent experiments simultaneously.



PhysioMimix™
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Liver-MPS 12 - LC12

Arranged in a multi-well format, this plate has 12 independent bioreactors. Three dimensional scaffolds embedded in each of the wells are continually perfused by cell culture medium during experiments and are designed to create optimal culture conditions for primary liver parenchymal and non-parenchymal cells. The LC12 can also be used to culture other tissue types, precision cut tissue slices or organoids in a perfused 3D format. Additionally, scientists are able to swap the scaffolds with their own customised inserts.



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Multi-MPS 12 - T12

With 12 independent wells, the T12 plate allows for single or multi-organ studies to be conducted by accommodating standard 0.33 cm² Transwell® inserts. Scientists are able to subject an organ tissue grown on the Transwell® to continual perfusion whilst culturing a further tissue type on an insert placed at the base of the well. With this multi-MPS platform it is possible to generate novel insights on dual-organ crosstalk or study the effects of flow on organ cultures grown on Transwells.

For more information about our various MPS consumable plates and to know more about PhysioMimix™

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