

accelerating  
personalized  
medicine

A PRODUCT BY



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[hohcells.com/stem-cell-culture](http://hohcells.com/stem-cell-culture)

CUSTOM REQUESTS &  
INQUIRIES

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crMPD<sup>TM</sup>

COLD-RESPONSIVE MICROPATTERNED DISH

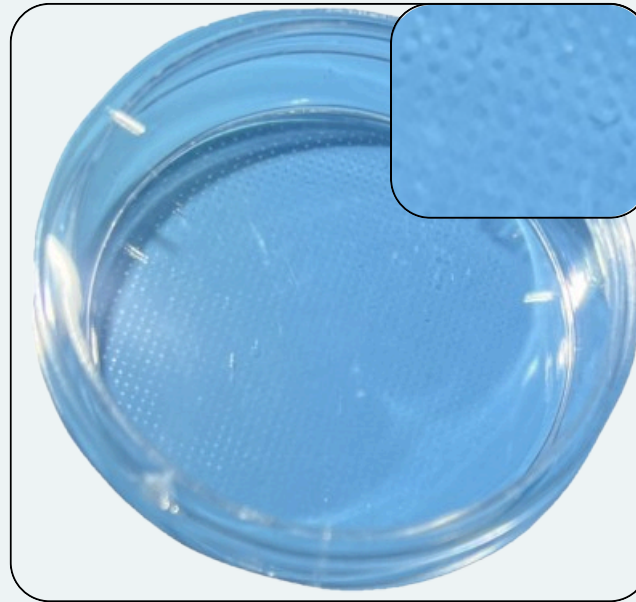
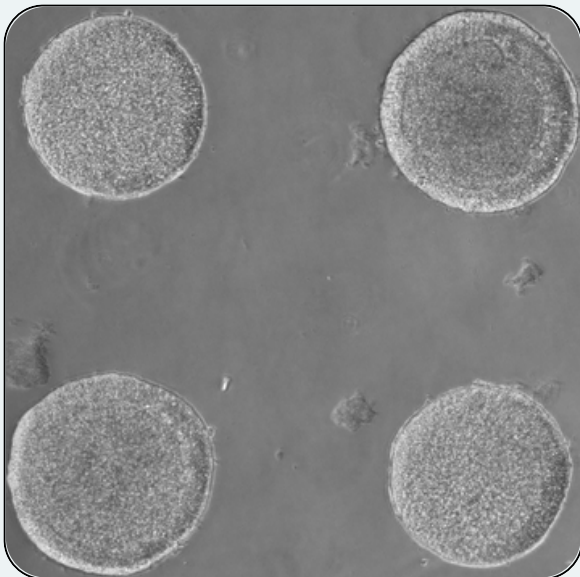
no toxic chemicals needed.  
just put on ice.

iPSC culture made **easier**,  
organoid quality made **better**.

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crMPD is a new type of cell culture dish that enables the production of human induced pluripotent stem cell colonies of homogeneous sizes for 3D culture with **~100% viability and high quality**.

crMPD functions without the use of potentially toxic reagents such as Versene or ROCK inhibitor that compromise iPSC quality. **Colonies can be conveniently detached by simply placing the crMPD on ice for ten minutes, no chemicals needed.**



**engineered at the micro-scale  
for homogenous,  
reagent-free,  
convenient detachment.**

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crMPD leverages the power of cold-responsive micropatterning technology to produce stem cell colonies of homogenous sizes. Since crMPD also enables these colonies to be detached for use in 3D culture without the use of toxic detachment reagents, it is a powerful technology for standardized, high quality organoid production.

**enabling the future of  
personalized medicine**

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Organoids are 3D, in vitro models of organs that can be created by growing and differentiating patient-specific iPSCs to mimic the structure and function of the original organ. **At HOHCells, we believe that organoids will play a pivotal role in the future of personalized medicine**, as they can be grown from patients' very own cells. crMPD empowers researchers by affording them more control over organoid production while offering enhanced convenience.

