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OrganTrans

Process for organoids transplantation



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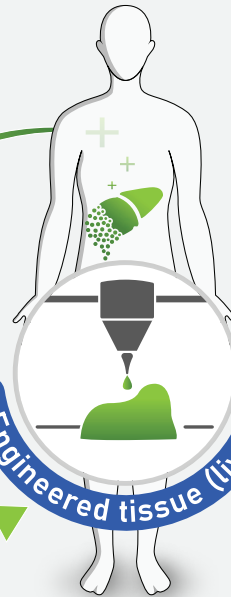
**Autonomous
self-assembly**

Stem cells-derived
organoids

Standardized organoids
& automation

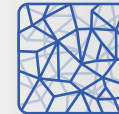


New regenerative therapy



Engineered tissue (liver)

Biomimicry



FDA-approved
materials



Vascularization

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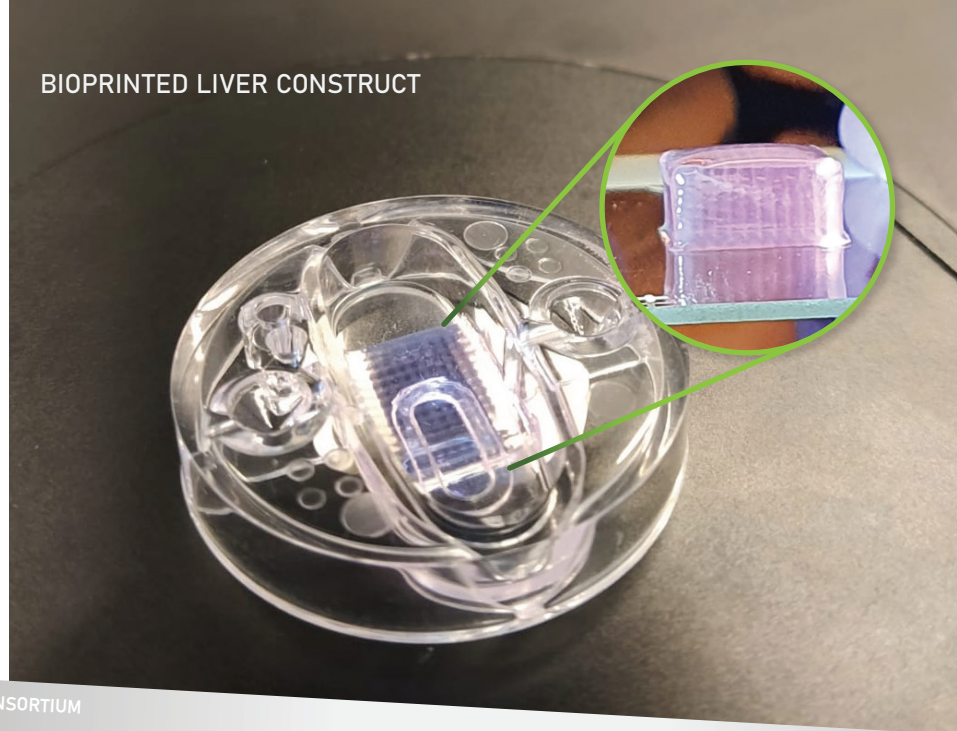
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offers a disruptive alternative to donor organs for patients with chronic or end-stage liver diseases who still have residual healthy tissue by isolating autologous liver stem cells.

The platform combines autonomous self-assembly with biomimicry for tissue engineering. The initiative covers the entire value chain, from cell source, standardized production and sorting of organoids, biomaterials, vascularization architecture, bioprinting and tissue maturation to in vitro/in vivo testing of the liver tissue transplant.

BIOPRINTED LIVER CONSTRUCT



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