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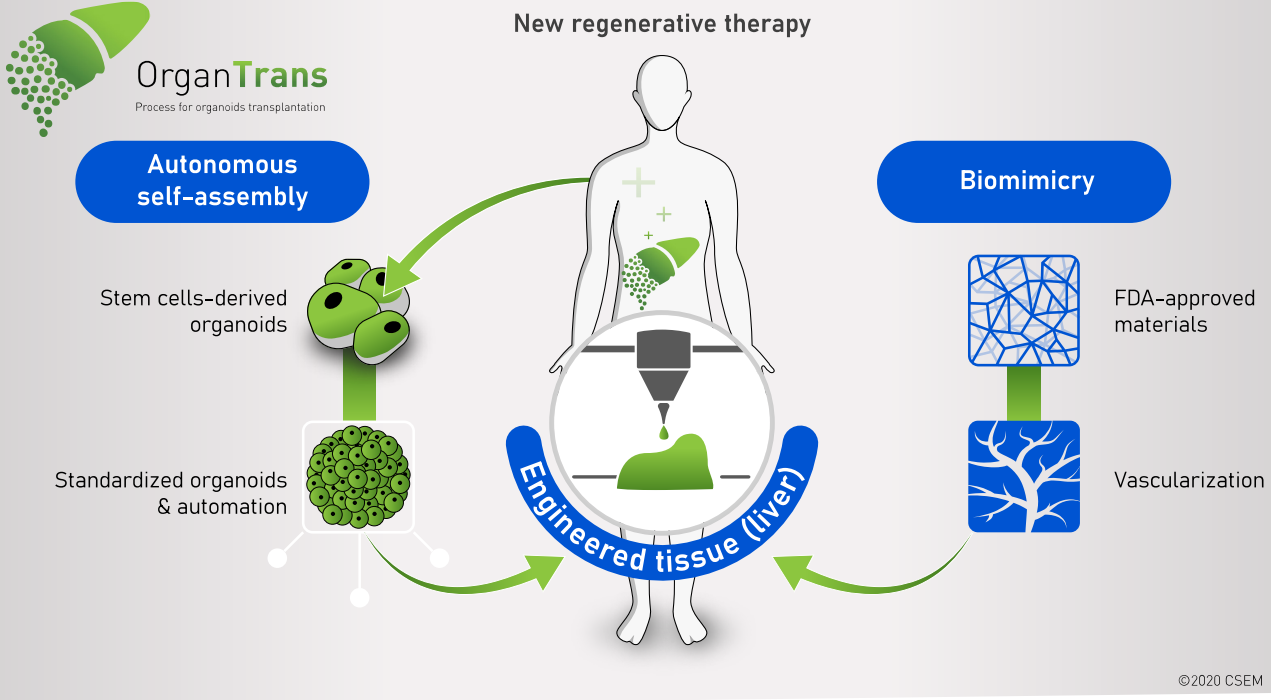
OrganTrans

Process for organoids transplantation



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ORGANTRANS 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 project develops a liver tissue printing platform under the "compassionate use exemption" umbrella, finding it's end use within three European transplant centers. Uniquely 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.

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