

StRoMa³

revolutionizing 3D membranes for modern drug screening



New product perspectives in the market for cell culture consumables



background: Global competitors' basic patents for trans-well inserts have expired.



Problem – Lack of valid predictive models in drug screening



* Bundesamt für Risikobewertung



State-of-the-art materials for current test systems





Solution-Synthetic 3D membrane mimics the basic structure of human tissues

StRoMa³ - next generation 3D membrane for modern drug screening



Synthetic 3D scaffold, which mimics the basic structure of human tissues

Platform technology: Applicability on almost all organ types



patenting WO2022/148564A1 - High-porosity nanofiber nonwovens as a support structure for stromal tissue



Advantages - Synthetic 3D membrane mimics basic structure of human tissues





Application procedure is similar to current processes



Application – Acceleration in Drug Development





Application – Versatile organ types can be realized







** Allied Market Research: 3D Cell Culture Market by Product

ISC



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