



## THE DRUG DEVELOPMENT ACCELERATOR

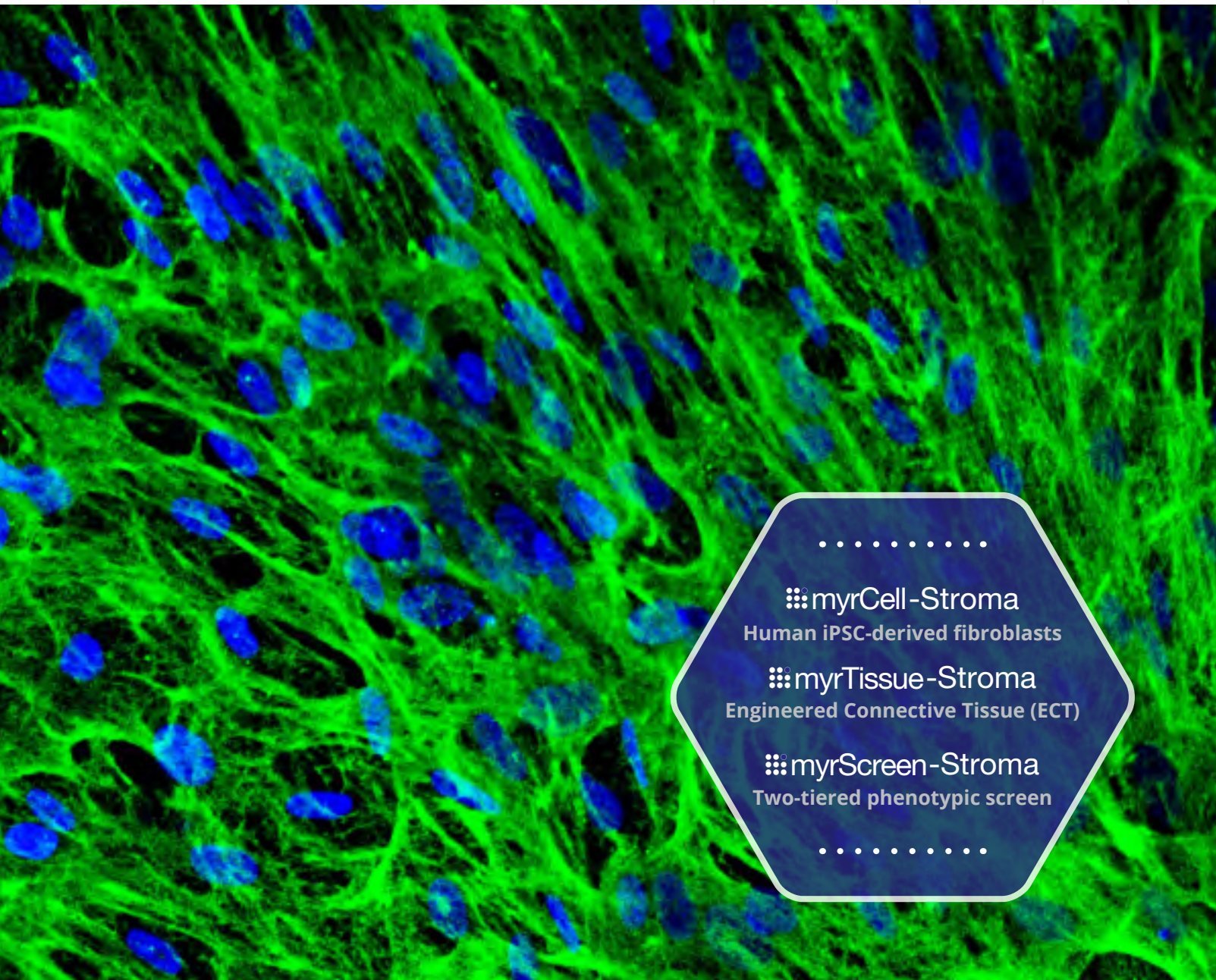
Stroma product portfolio:

myrCell-Stroma

myrTissue-Stroma

myrScreen-Stroma

Anti-human Fibroblast (TE-7) / Nuclei



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myrCell-Stroma

Human iPSC-derived fibroblasts

myrTissue-Stroma

Engineered Connective Tissue (ECT)

myrScreen-Stroma

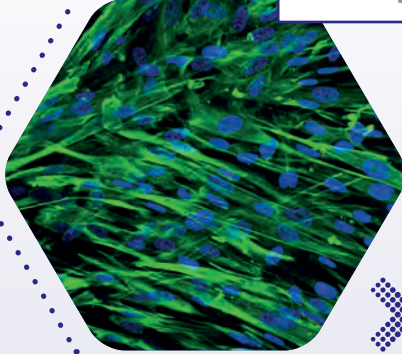
Two-tiered phenotypic screen

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# PRODUCT INFORMATION

## myrCell-Stroma

Human iPSC-derived fibroblasts from:



- Healthy subjects
- Patients with genetic disorders of the extracellular matrix
- CRISPR-engineered iPSC-lines
- Isogenic iPSC-lines as controls

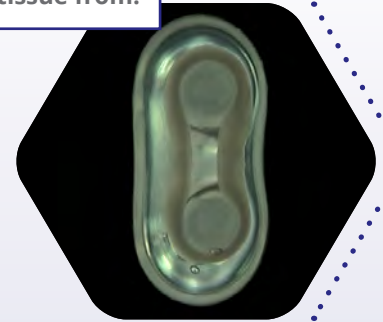
➤ ***Cryopreserved myrCells available for shipping to customer***

## myrTissue-Stroma

Human iPSC-derived connective tissue developed from myrCells to simulate connective tissue from:

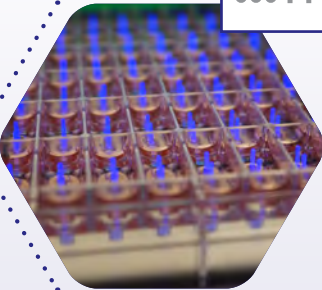
- Healthy subjects
- Diseased subjects

➤ ***Living, frozen or formaldehyde-fixed myrTissue available for shipping to customer***



## myrScreen-Stroma

Two-tiered phenotypic screening:



- Video-optic **myrImager** screen in 48-well **myrPlate** format
- Individual biophysical analyses of **myrTissue**

➤ ***Testing of acute and chronic drug effects. Screens designed according to customer requirements***

## KEY BENEFITS AT A GLANCE

- ***Human-centric drug development***
- ***Disease models and controls***
- ***Cell & tissue models on demand or custom engineered***
- ***Deep phenotyping of organotypic properties***
- ***Support by myrTeam with unsurpassed expertise***

## REFERENCES

Santos et al. 2019 J Mol Cell Cardiol, Kittana et al. 2021 Int J Nanomedicine, Santos et al. 2021 J Vis Exp, Santos et al. 2022 Biomater Adv, WO2017/207431, WO2022/023451

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