



## THE DRUG DEVELOPMENT ACCELERATOR

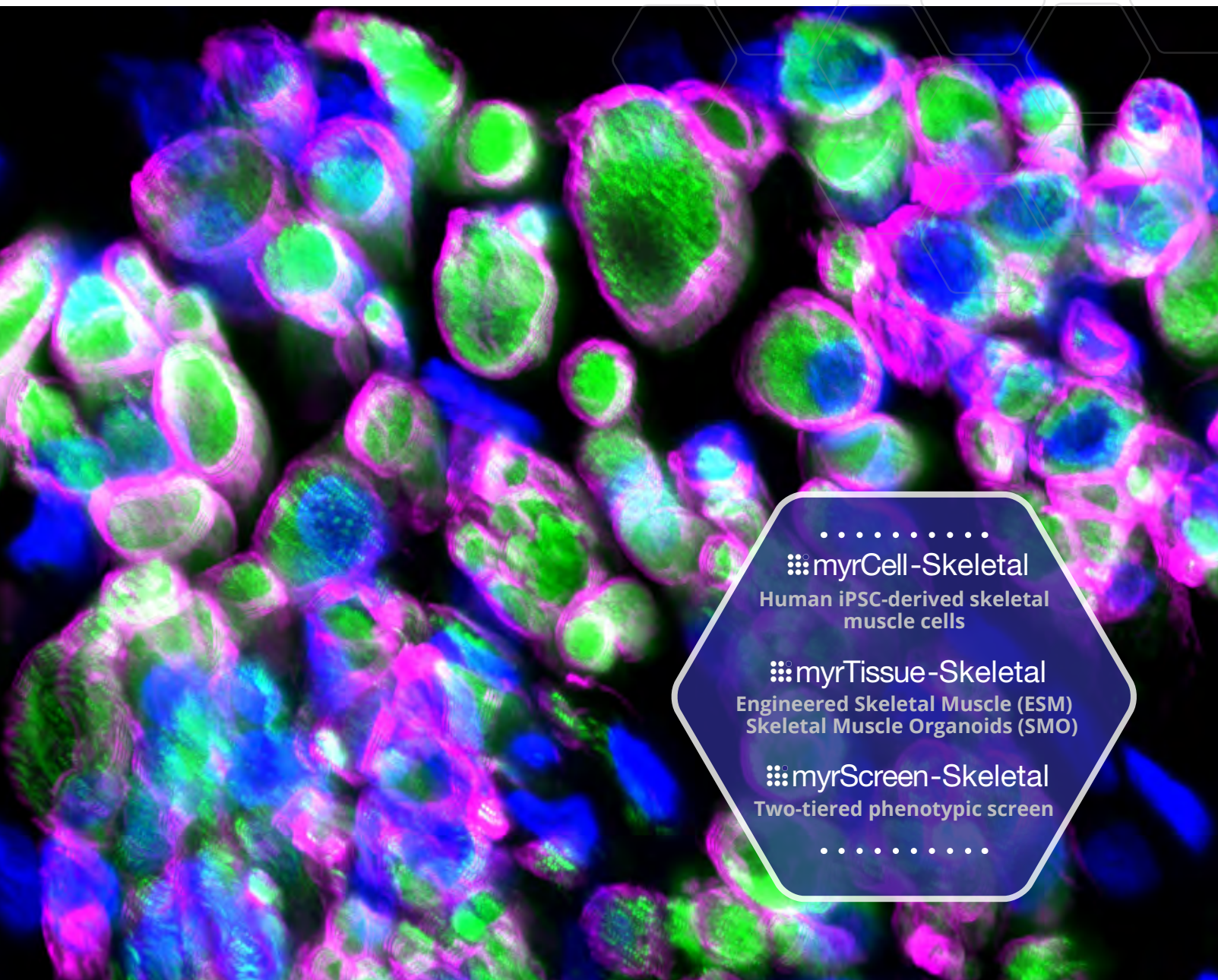
Skeletal muscle product portfolio:

myrCell-Skeletal

myrTissue-Skeletal

myrScreen-Skeletal

Sarcomeric Actinin / Dystrophin / Nuclei



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myrCell-Skeletal

Human iPSC-derived skeletal muscle cells

myrTissue-Skeletal

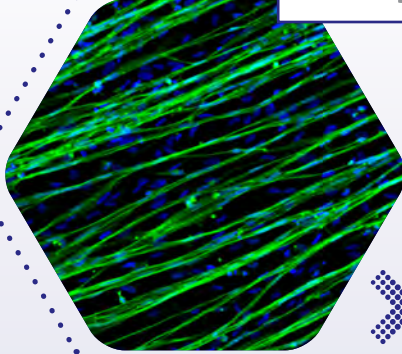
Engineered Skeletal Muscle (ESM)  
Skeletal Muscle Organoids (SMO)

myrScreen-Skeletal

Two-tiered phenotypic screen  
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# PRODUCT INFORMATION

## Human iPSC-derived skeletal muscle cells from:



- Healthy subjects
- Patients with myopathies
- CRISPR-engineered iPSC-lines
- Isogenic iPSC-lines as controls

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

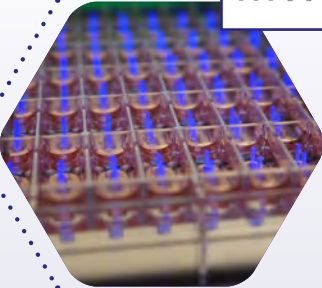
## Human iPSC-derived skeletal muscle from myrCells to simulate skeletal muscle function from:

- Healthy subjects
- Diseased subjects

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



## 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 (myopathies) and controls***
- ***Cell & tissue models on demand or custom engineered***
- ***Deep phenotyping of organotypic properties***
- ***Support by myrTeam with unsurpassed expertise***

## REFERENCES

Shahriyari et al. 2022 J Cachexia Sarcopenia Muscle, Shahriyari et al. 2023 STAR Protoc, WO2017/207431, WO2021/074126

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