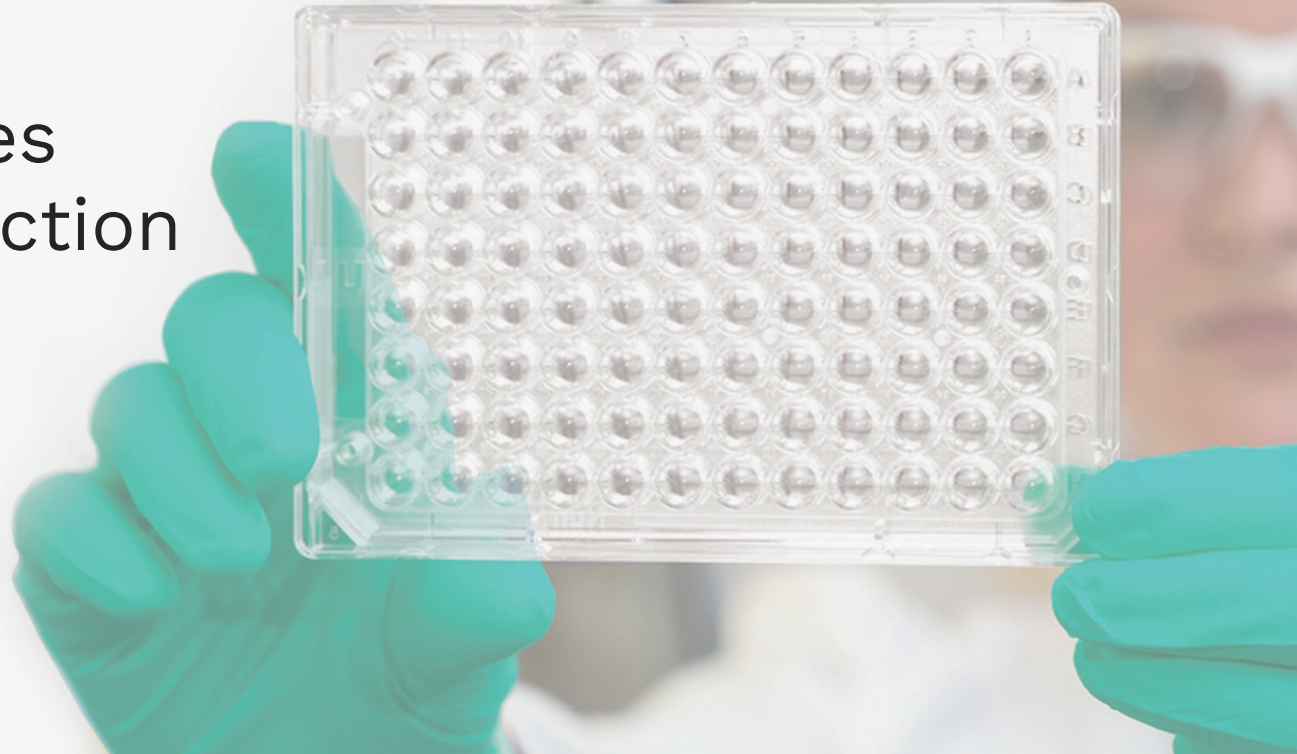




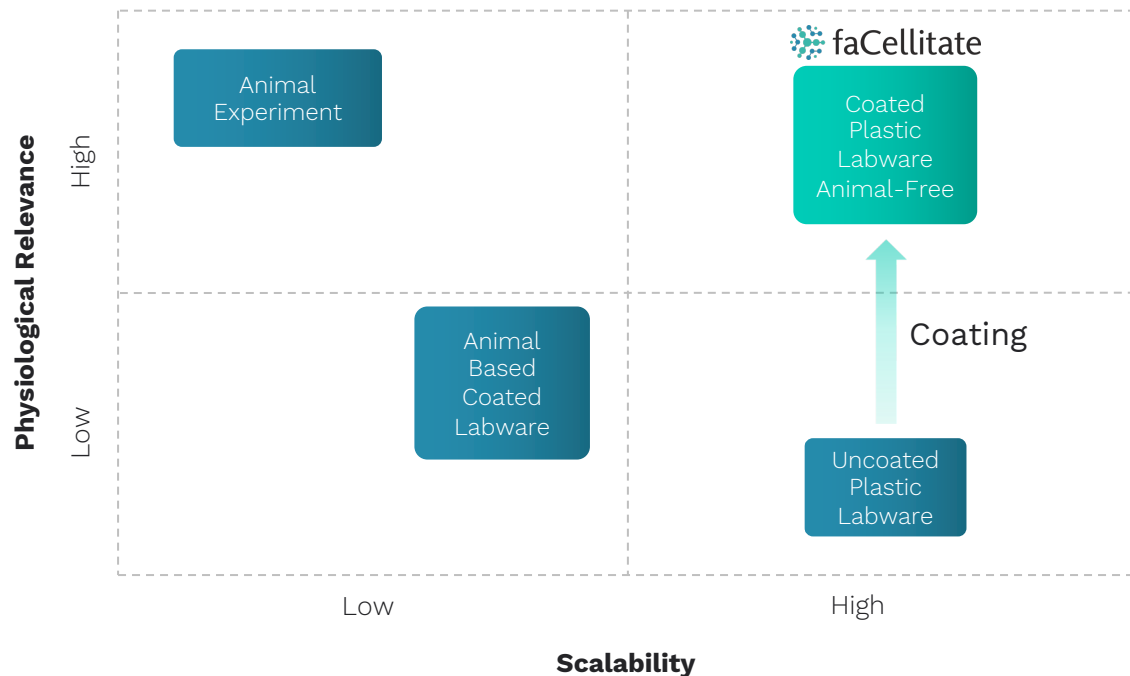
# Smart Surfaces for Cell Production



# faCellitate BIOFLOAT™ Product Line



# How long will Animal Experiments still be part of the Drug Development Process?



*faCellitate* is elevating plastic commodities to high-end and high-margin research tools

Replacing animal experiments by disease models with:

- *High physiological relevance*
- *High scalability*
- *High quality*
- *High reproducibility*

Drastic value gain of labware surfaces by faCellitate chemically defined coating materials



# Targeting the Spheroid Plate Market with the Ultra-Low Attachment BIOFLOAT™ Surface Coating

## Applications



3D cell culture

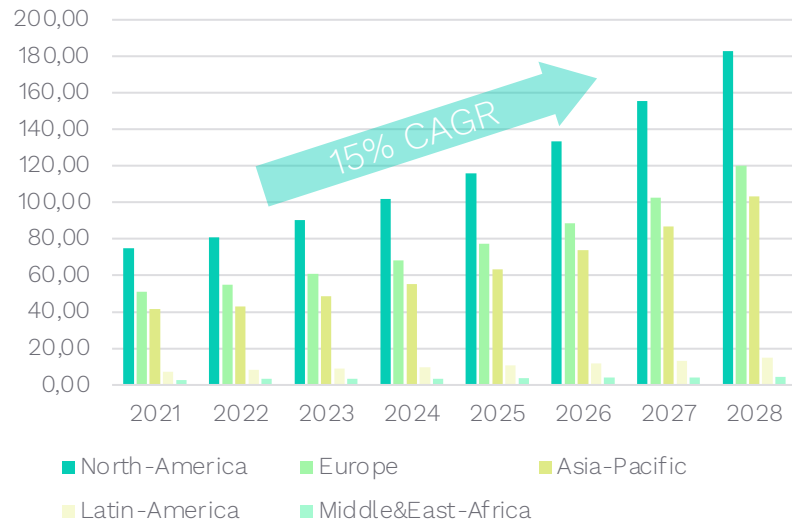


Stem cells



Microfluidics, co-culture & chips

## Spheroid Plate Market, 2021–2028 M\$



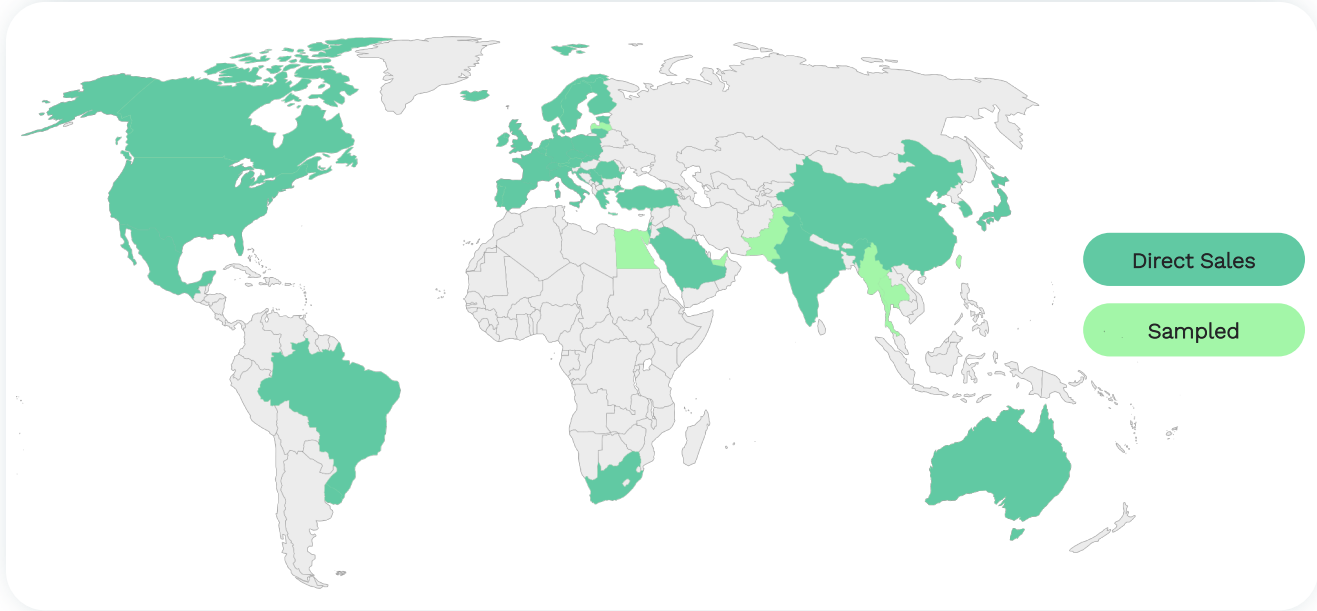
\* Markets&Markets Oct 23



# faCellitate successfully implemented an efficient distribution network with global reach based on direct sales and distribution partners

Lean Global Direct B2B Distribution

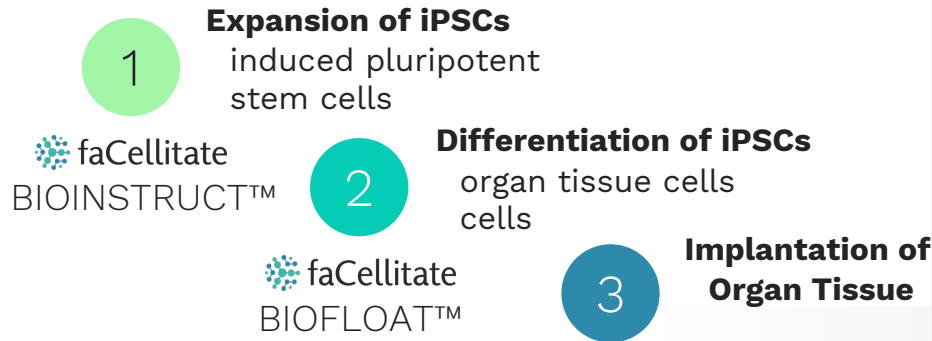
Local and Global Distribution Partnerships



# faCellitate BIOINSTRUCT™ First in Class

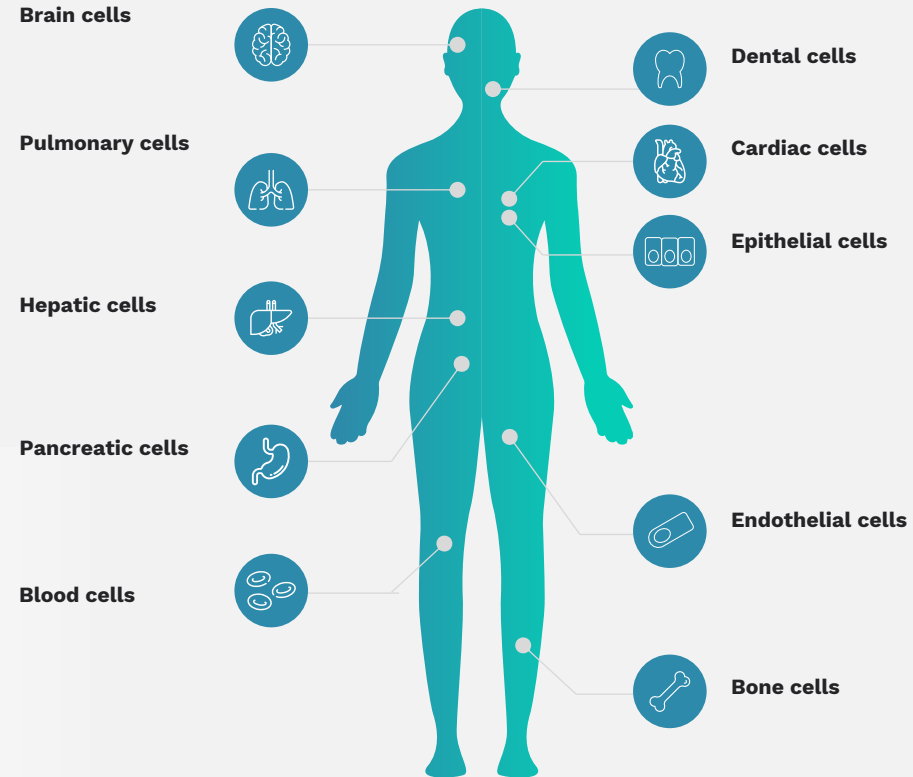


# Regenerative Medicine: Curing Organ Failure by Stem Cell Cultivation and Differentiation

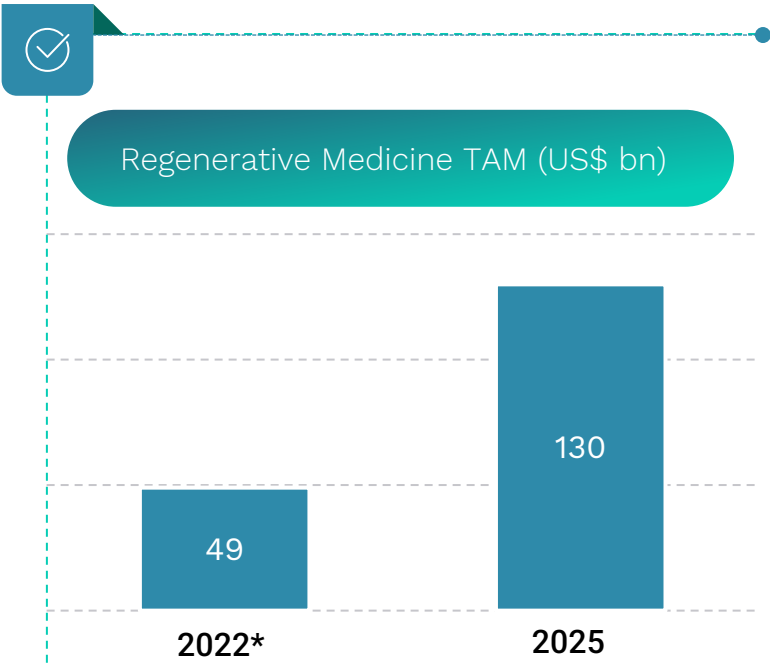


## Key Features:

- Regulatory aspects: Patented chemically defined coatings for regenerative medicine applications
- Scalable production: Precoated, storable consumables deeply rooted in the value chain



# Targeting fast growing iPSC market currently worth USD 3 bn with the BIOINSTRUCT™ Surface Coating



\* Roland Berger: Focus: Regenerative Medicine, September 2017





# Our Top Team

6 nationalities 10 languages

50% FTE PhD degree

80% FTE MSc degree

60% FTE in R&D

70% FTE female

Experienced Management



*Looking for  
GMP Expertise*

**THANK YOU!**

## Strong IP Portfolio

Strong IP Portfolio + IP Ownership:  
Technology patents  
Application Patents  
Exclusive supply agreement @BASF

## Awards

Germany's Top 15 Emerging  
Biotech Startups (EUstartups)



## Distributors



## Partners






Dr. Simon Widmaier

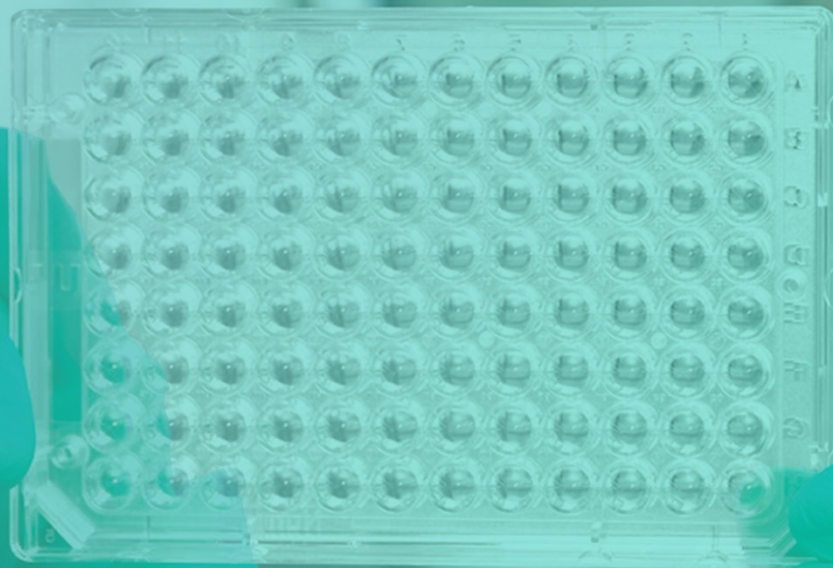
Dr. Christoph Petry

faCellitate GmbH

a spin-off from  **BASF**  
We create chemistry

**[www.facellitate.com](http://www.facellitate.com)**

[sw@facellitate.com](mailto:sw@facellitate.com)





*„The Bio-API“*

Cell Biology

3,5 bn years of evolution

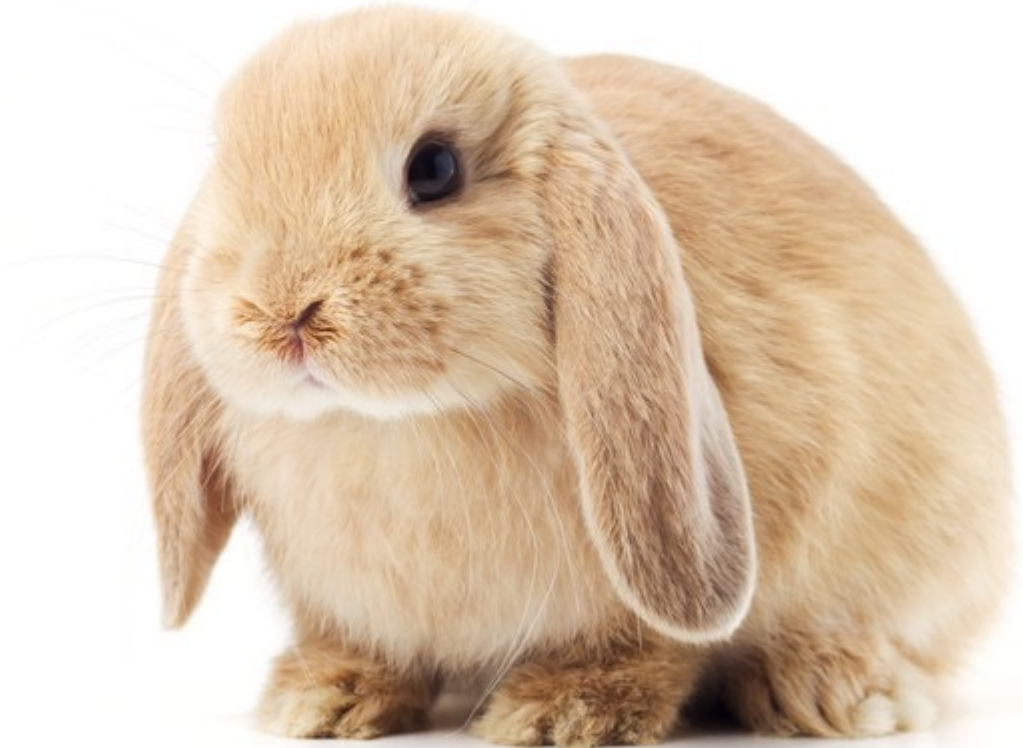
Mediating between  
two disciplines

Industrial Mass  
Production

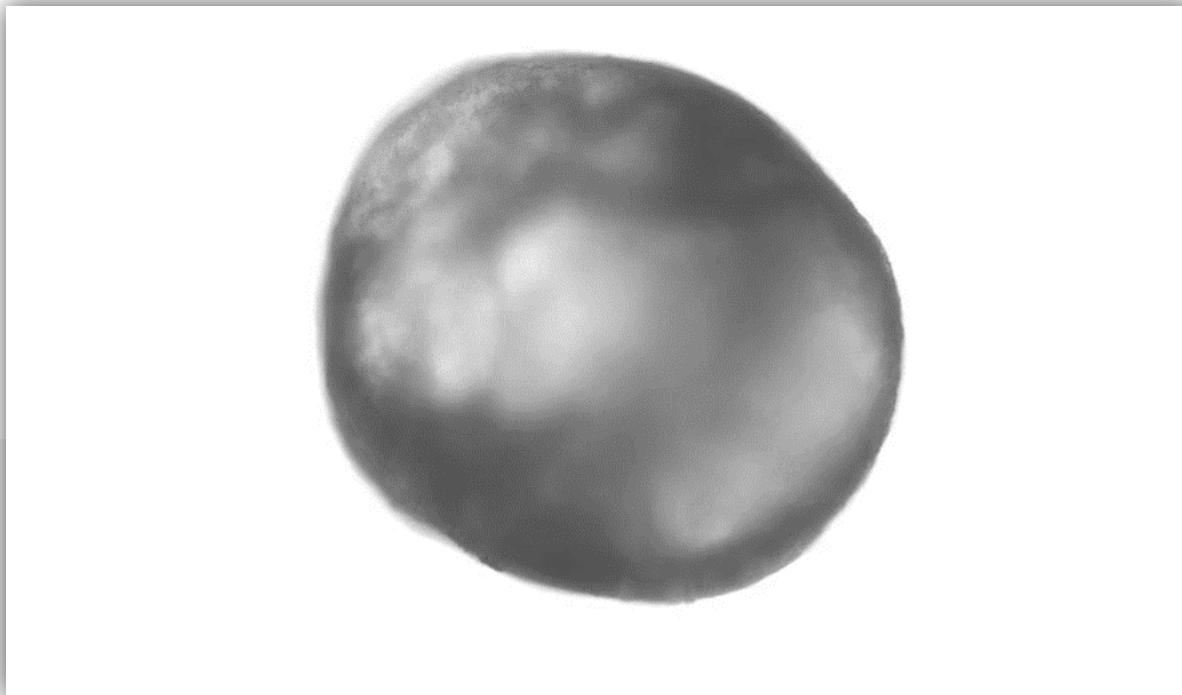
100 years of cell culture  
surfaces

We are going to save them

 **faCellitate**  
BIOFLOAT™



# Beating Heart ❤️ Organoid Grown in BIOFLOAT™

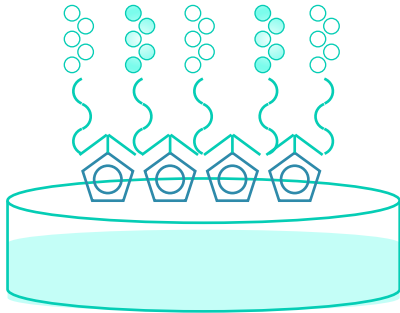


Human cardiomyocytes differentiated from iPSCs (induced pluripotent stem cells) kindly provided by Dr. Derks from



# Mediating between a technical surface and the biological world through smart materials

## Modular Smart Materials Platform



Cell culture surface  
(i.e. Petri Dish)

Sticky anchors



Bio-Surface



Signal molecules

