



CIRCLE BIOLOGICS

# Circle Biologics

Addressing the Unique Demands of  
Biomaterial Processing & Management

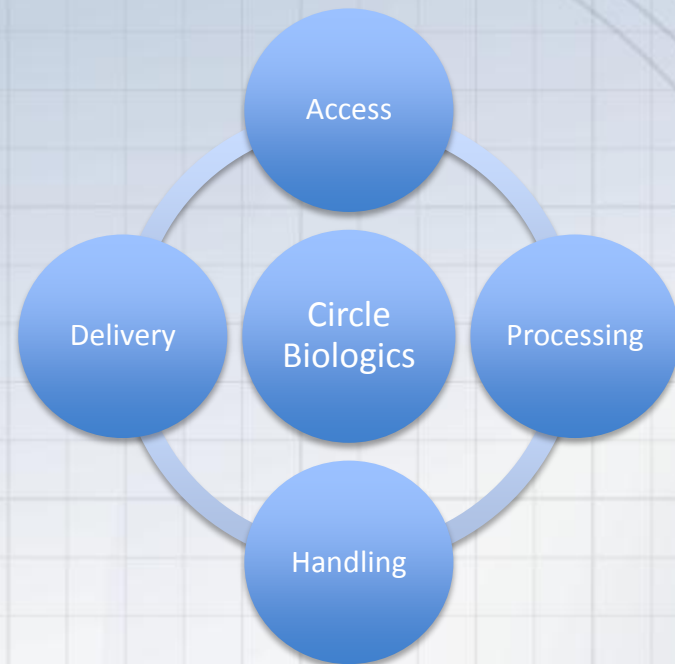
Company Headquarters:  
3650 Annapolis Lane North  
Suite 105  
Minneapolis, MN 55447



# Circle Biologics: Mission

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To develop and commercialize devices and systems that advance Cellular and Regenerative medical therapies across treatment specialties for patient benefit.



**Circle Biologics:**  
**“Changing the way physicians  
interact with your biology.”**



# Company Profile:

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## Circle Biologics, Inc.

- Headquarters: Plymouth, MN
- FDA Clearance for 1st processing system (APC) & 3 delivery systems
- 8 Issues US & OUS Patents, multiple pending
- Products organically developed within Circle
- ISO 13485 Registered/FDA QRS Compliant
- Privately Held

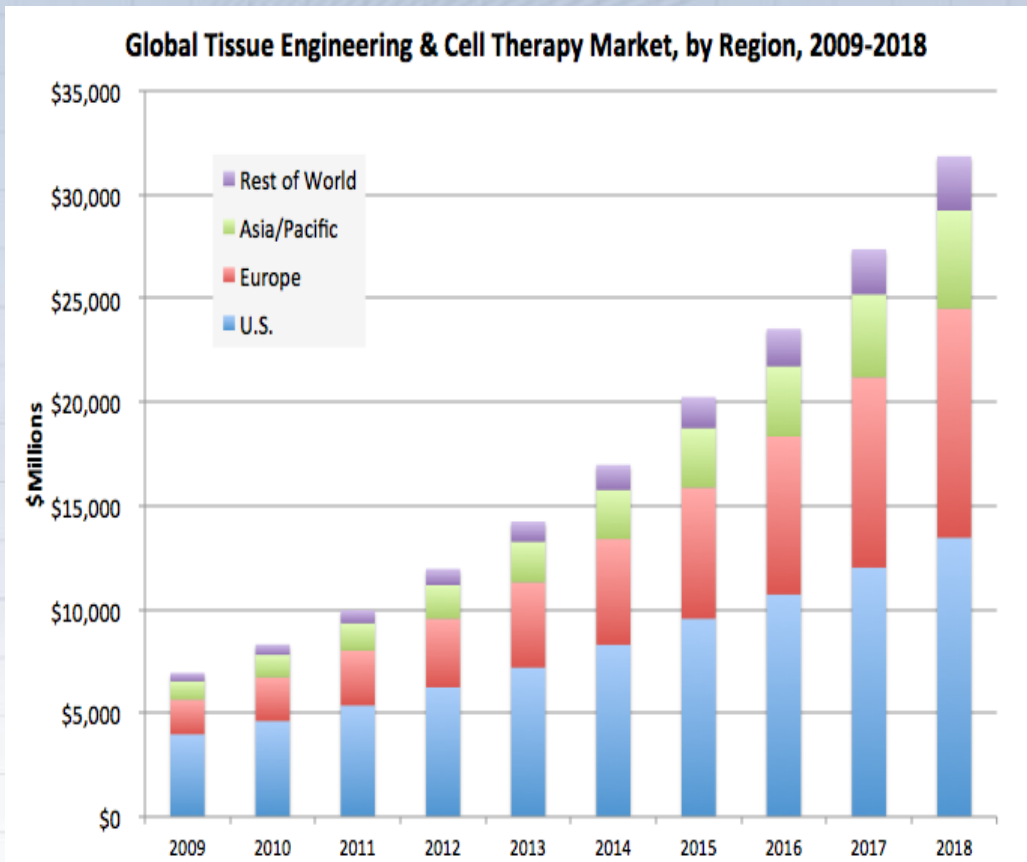
“Circle’s insightful and innovative approach to the fields of cellular and regenerative medicine -- combined with its novel devices and technologies -- make it a ReGEN industry stand out.”

- Circle Investor and Board Member



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# Compelling Market



- Market \$8.3 billion (2010 est.)
- Growth to nearly \$32 billion by 2018
- Rapid advancement of technologies
- Broad applicability of treatments
- High level of consumer desire

Source: Tissue Engineering, Cell Therapy and Transplantation: Products, Technologies & Market Opportunities, Worldwide, 2009 -2018



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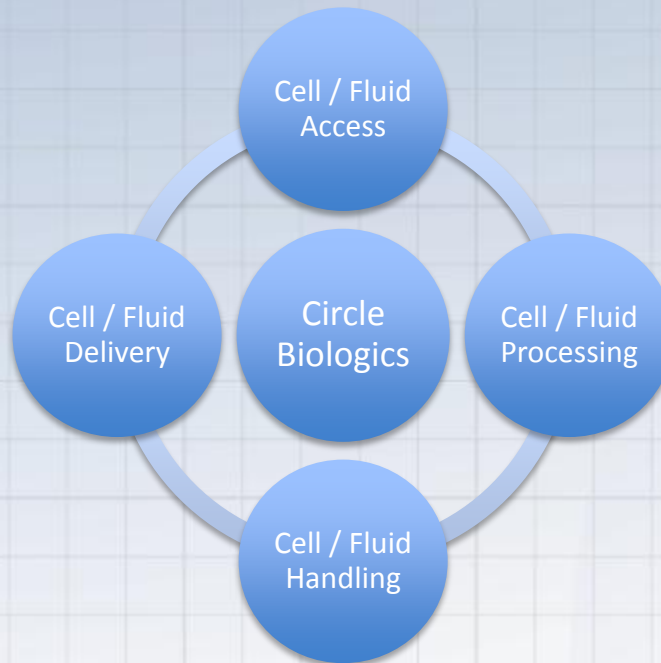
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# The Circle System: Overview



# The Procedure: Distinct Satellites

*Circle Solution:  
Ease Access*



*Circle Solution:  
Physician &  
Procedure  
Optimized*

*Circle Solution:  
Multiple Fluids – One  
Platform*

*Circle Solution:  
Facilitate Efficiency,  
Sterility, Cellular  
Viability*



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# Circle Systems: Overview Stage 1



- Patient derived cells, fluids, & materials (autologous)
- Point-of-care operation
- Approachable, user-friendly & Easy
- Patient and Physician Optimization



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# The Circle System: Processing



# The AFC System: Processing



Blood



Bone Marrow Aspirate



Cell Delivery / Growth

## 1. Fluid Concentration: One System, Multiple Fluids

- A. Blood
- A. Bone marrow aspirate
- B. Adipose (Fat) Tissue
- C. Cell Delivery Mediums
- D. Cell Growth Mediums

# The AFC System: Processing



Graft Infusion

2. On-Board Graft /  
Enrichment Chamber

3. Stand alone fluid  
Concentration



Cell Growth / Delivery Mediums



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# The Circle System: Handling



# The AFC System: Fluid Handling



1. Syringe-to-Syringe transfer across sterile barrier
2. Fluid transfer into graft infusion chamber

**“Circle’s fluid handling systems have the potential to revolutionize how physicians and staff work with cellular therapies and regenerative medicine in the OR – this is well thought out, practical, translational medicine in practice.**

-- Orthopedic Surgeon





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# The Circle System: Delivery



# Delivery: System Optimization



- Procedure Optimized
- Critical Cell Delivery
- High Cellular Viability
- Specialty Adaptable



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# The Circle System: Summary



# Circle Biologics: Summary



“Circle Biologics is primed to lead the way in making many cellular and regenerative therapies a standard of care. This is an exciting time for medicine and an exciting time to be involved with Circle.”

- Circle Board Member

# CIRCLE BIOLOGICS: CONTACT

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President

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**Booth 830**

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