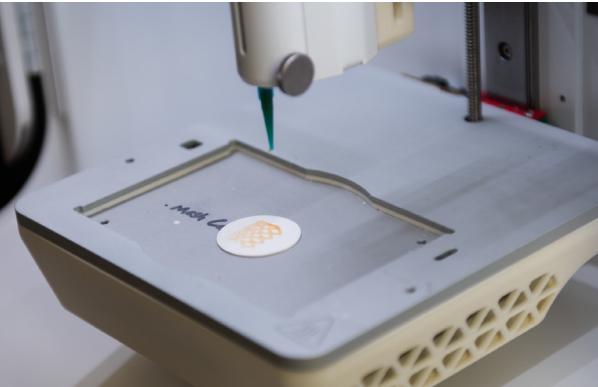


## **ReMDO's Regenerative Medicine**

**Manufacturing Society** (RMMS) is the world's first and only professional organization dedicated solely to advancing the field of regenerative medicine through manufacturing. Its mission is to identify unmet needs and gaps in regenerative medicine manufacturing and catalyze the generation of new ideas and solutions by partnering with private and public stakeholders. Society members who represent industry, government, academia, and non-profit organizations share their knowledge and work together to create solutions to manufacturing challenges.

The ultimate goal is to develop standardized manufacturing processes to facilitate the smooth and quick transition of new therapies to market for the benefit of patients. The society provides a platform through working groups that focus on four primary areas: (1) cell manufacturing, (2) standards, (3) 3D bioprinting, and (4) artificial intelligence enabled automation.



## **ReMDO's Industry Driven**

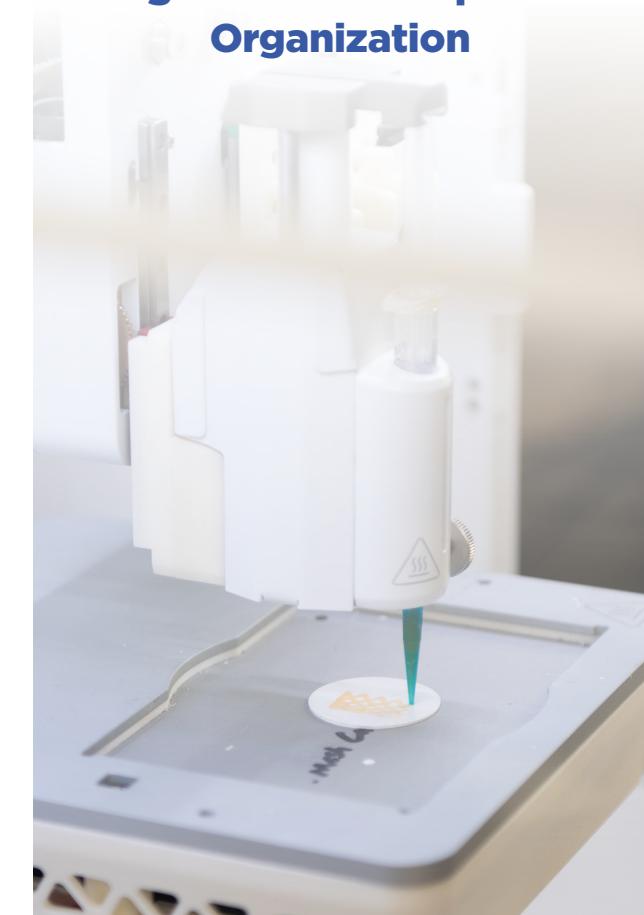
### **Regenerative Manufacturing**

**Innovation Consortium** (RegMIC) identifies and develops consensus on manufacturing challenges through road-mapping efforts and provides guidance on strategic funding areas. The consortium is based on the philosophy that pooling stakeholder talents, resources, and ideas to tackle industry-wide challenges can accelerate breakthroughs on critical regenerative medicine manufacturing challenges for the benefit of all.

Current ReMDO managed advanced biomanufacturing initiatives include: (1) developing a universal media to accelerate cell therapy and tissue engineering manufacturing product development, (2) developing a universal bioink with tunable mechanical properties for additive manufacturing (3D bioprinting) of regenerative medicine products, (3) developing modular and scalable bioreactor systems for regenerative medicine clinical products.



## **RegenMed Development Organization**



**<http://remdo.org>**  
**[info@remdo.org](mailto:info@remdo.org)**

391 Technology Way,  
Winston-Salem, NC, 27101

**Advancing  
Regenerative  
Medicine  
Manufacturing  
Technologies**



## RegenMed Development

**Organization** (ReMDO) is a 501(c)3 non-profit organization, accelerating the discovery and translation of regenerative medicine therapies. ReMDO manages a clinical translation initiative that includes thought leaders, representatives from leading US research centers, government representatives, and companies of all sizes. ReMDO conducts research to de-risk technologies and speed up the translation of regenerative medicine to clinical practice and to the global market through the following initiatives:

### RegeneratOR Test Bed

### RegeneratOR Innovation Accelerator

### RegeneratOR Workforce Development

### Regenerative Manufacturing Innovation Consortium (RegMIC)

### Regenerative Medicine Manufacturing Society (RMMS)



**STEM CELLS Translational Medicine** is the official journal for RMMS.  
<https://stemcellsjournals.onlinelibrary.wiley.com>

# RegeneratOR

As a means of leveraging the resources developed by ReMDO, the RegeneratOR initiative consists of three parts:

ReMDO's **RegeneratOR Test Bed** assists growth and established companies with new and emerging technologies through access to advanced biomanufacturing equipment, talent and programs to support prototyping and product development.

ReMDO's **RegeneratOR Innovation Accelerator** provides access to state-of-the-art biomanufacturing equipment, industry expertise, and talent to support novel prototyping and commercial product development.



ReMDO's **RegeneratOR Workforce Development** connects an educational ecosystem of college and university programs with biomanufacturing staff, engineers, and research leaders. With access to training programs across the members of RMMS and RegMIC, and world class talent, regenerative medicine enterprises can rely on a pool of newly-educated individuals, or existing employees who can skill-up with short term courses.

### What's Needed

- basic employability skills
- core bioscience skills
- regenerative medicine biomanufacturing technical skills

New to the RegeneratOR Test Bed is the Cytocentric Testing Facility which provides companies in the RegenMed Hub access to an end-to-end modular closed biomanufacturing facility to optimize processes.