

A leader in translating scientific discovery into clinical therapies.

Wake Forest Institute for Regenerative Medicine

August 2021

Welcome to our e-newsletter!

Greetings All!

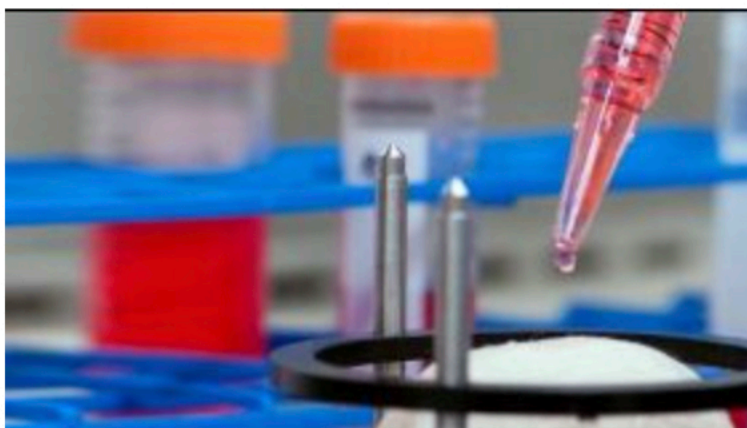
We have had a busy couple of months at the Institute and have a lot to report. The 7th annual Regenerative Medicine Essentials Course combined this year with the World Stem Cell Summit to co-present a virtual meeting this year that was well received.

We also held a virtual High School Summer Scholars program, but the 21 undergraduate Summer Scholars from across the US joined us for 10 weeks in the lab, following all safety protocols to keep our students and lab workers safe. They recently departed and the extra hum of activity they bring with them is already missed. We look forward to following these bright scholars in the future.

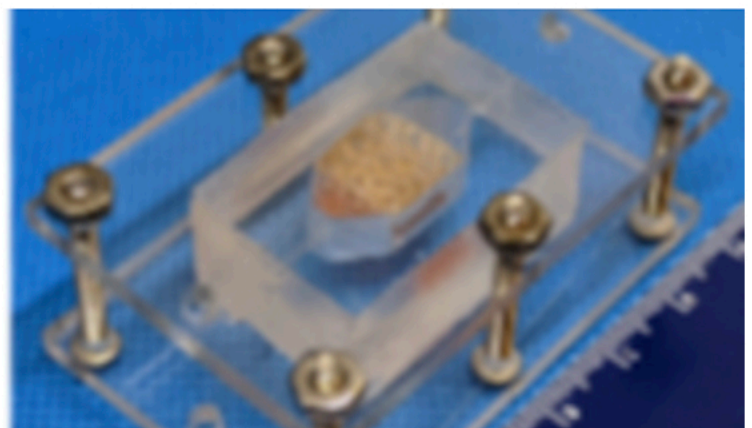
In other news, I want to share the launch of the RegeneratOR Test Bed. This is a particularly exciting endeavor that will serve as an economic development driver, helping to accelerate the growth of start-ups and scale up mid-to-large-sized companies with innovative and emerging technologies. Access to state-of-the-art biomanufacturing equipment, industry expertise, and talent to support novel prototyping and commercial product development is available.

Please see below to read more about this as well as some research highlights.

Best Regards -
Anthony Atala



[Tissue Engineering Comes of Age - Forbes](#)



[WFIRM Team Wins Huge NASA Vascular Tissue Challenge - NC Biotech](#)



[Printing Human Tissues - Stem Cell Podcast](#)



[WFIRM, RegenMed launch RegeneratOR Test Bed to accelerate growth of startups, regenerative medicine](#)



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About Wake Forest Institute for Regenerative Medicine: The Wake Forest Institute for Regenerative Medicine is recognized as an international leader in translating scientific discovery into clinical therapies, with many world firsts, including the development and implantation of the first engineered organ in a patient. Over 400 people at the institute, the largest in the world, work on more than 40 different tissues and organs. A number of the basic principles of tissue engineering and regenerative medicine were first developed at the institute. WFIRM researchers have successfully engineered replacement tissues and organs in all four categories – flat structures, tubular tissues, hollow organs and solid organs – and 14 different applications of cell/tissue therapy technologies, such as skin, urethras, cartilage, bladders, muscle, kidney, and vaginal organs, have been successfully used in human patients. The institute, which is part of Wake Forest University, is located in the Innovation Quarter in downtown Winston-Salem, NC, and is driven by the urgent needs of patients. The institute is making a global difference in regenerative medicine through collaborations with over 400 entities and institutions worldwide, through its government, academic and industry partnerships, its start-up entities, and through major initiatives in breakthrough technologies, such as tissue engineering, cell therapies, diagnostics, drug discovery, biomanufacturing, nanotechnology, gene editing and 3D printing.

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391 Technology Way, Winston-Salem, NC 27101