Welcome to our e-newsletter!

I was recently asked to reflect on what the biggest challenge might be for WFIRM in 2017! The challenges are many, notably the translation of several technologies from the lab into patients. In fact, our primary mission here is to improve patients’ lives through regenerative medicine. In this issue, WFIRM’s work to develop technologies to help solve the shortage of donor organs for transplant is highlighted.

In addition to our research and clinical work, we see education as a vital part of our goal to advance the field. Registration for the annual Regenerative Medicine Essentials course is open and will take place June 5-9 in the new Wake Forest Bowman Gray Center for Medical Education. From the science behind groundbreaking discoveries to regulatory and manufacturing challenges, this one-week course provides a comprehensive look at progress to date as well as future applications.

A Possible Link Between Microgravity and Leukemia for Astronauts

If Self-Driving Cars Mean Fewer Donor Organs, Can RegenMed Fill The Need?

Regeneratively Speaking

NEW Podcast Episode Released with Dr. James Yoo, CSO at WFIRM

(Event) 2017 Regenerative Medicine Essentials Course Registration Opens

Skin Cell Printer Featured on Curiosity

Save The Date: TERMIS-AM, December 3-6 2017

Horizons 3D Printing Conference in Winston-Salem, NC

Check Out Upcoming Educational Programs

WakeHealth.edu/WFIRM

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Wake Forest Baptist Medical Center, Medical Center Boulevard, Winston-Salem, NC 27157
Welcome to our e-newsletter!

I am excited to share the news about the recent launch of a five-year, $20 million effort to apply advanced manufacturing to regenerative medicine. Our goal is to speed up the availability of replacement tissues and organs to patients. WFIRM will focus on two projects: development of standardized "bioinks" that can be used to print replacement tissues and organs and development of standardized cell culture media.

This issue also focuses on our Regenerative Medicine Essentials course, which has become a "must-attend" event for scientists, industry personnel, and students. I hope you'll take the time to check out the exciting program and will also listen to our latest podcast – one of a series featuring leaders in regenerative medicine. Finally, our growing institute is recruiting faculty in targeted areas – the link below provides full details.

Dr. Anthony Atala
Welcome to our e-newsletter!

This e-newsletter arrives amid a busy summer of teaching and mentorship here at WFIRM.

Faculty mentors are joined in the labs for 10 weeks by some of the brightest young minds from universities across the country for the Summer Scholars program, a highly interdisciplinary, hands-on research program.

For this year’s Regenerative Medicine Essentials course, we were able to attract one of the largest and most diverse audiences, totaling more than 250 attendees representing 21 countries. This annual one-week course brings together prominent experts and provides attendees a look into the science behind groundbreaking discoveries.

It takes the entire WFIRM team to ensure that these activities are successful. This issue also highlights many other examples of their hard work and dedication.

Best Regards,

Dr. Anthony Atala
Welcome to our e-newsletter!

Is it really almost officially Fall? The summer seems so fleeting, like the total eclipse enjoyed last month! Here at WFRM, we mark this season with our Summer Scholars who have departed the labs following a vigorous 10 weeks of learning and contribution.

Hopefully, we have also all enjoyed time away from the institute to vacation and spend time with families and friends, to find respite in things that bring us joy and comfort, to relax and rejuvenate. It’s important to take these opportunities so we can resume our work and bring forth renewed energy toward our common goal of improving patients’ lives through regenerative medicine.

And it’s always important to take time to recognize and celebrate the accomplishments of our teammates, of which there are many. From new grant funding to published papers to successful conferences, we have much to be proud of as we advance our work from the bench to the bedside.

Best Regards,

Dr. Anthony Atala

Researchers Make Significant Progress in Engineering Digestive System Tissues

Bioprinting Featured as ‘Factory of the Future’ by The Economist

National Science Foundation Grant Recognizes Summer Scholar Program

Researchers Earn New R01 Grant to Support Hemophilia Research

Summer Scholars Celebrate Fourth Annual Research Day

3D Printed Living Tissue Breakthrough Repairs Body Parts

Solar Eclipse Event Offers Unique Celestial Viewing Opportunity

Register Now: NCTERMS Nov. 10 & TERMS-AM Dec. 3-6
Welcome to our e-newsletter!

I'm sure I'm not the only one who is wondering how November got here so fast! Amid the holiday season, we have the TERMIS-Americas meeting to look forward to. I hope you've made plans to join regenerative medicine colleagues next month in Charlotte, NC. Professional meetings like these are wonderful opportunities to gather and discuss critical developments in our respective fields.

Here at WFIRM, we have a lot to be thankful for as you will see from the grant awards and research efforts highlighted here. None of it is possible without teamwork. I'm grateful for the collegiality of our team members and their dedication to our mission to make patients' lives better.

Best Regards,

Dr. Anthony Atala

Researchers first use 3D Organoids in Body-on-a-Chip System

Publications Feature WFIRM Research on Cover

Grant Awarded for Cosmic Ray Radiation Detection in Humans

Regeneratively Speaking

New Regeneratively Speaking Podcast Episodes Available

Register Now for TERMIS-AM December 3-6

Summer Scholars Program 2018 Dates Announced

Dr. Atala Joins Washington Post Forum

Enrichment Grant Award Received To Support American Indian Students