RISING STARS OF REGNERATIVE ENGINERING:
THE DYNAMIC OF STUDENTS AND RESEARCH MENTORS

A Webinar Series from the University of Connecticut:
The Cato T. Laurencin Institute for Regenerative Engineering

HOSTED AND MODERATED BY
DR. GUALBERTO RUAÑO
ASSISTANT DIRECTOR FOR SPECIAL PROJECTS

AT THE CATO T. LAURENCIN INSTITUTE FOR REGENERATIVE ENGINEERING

Beyond the science, the webinars will address the personal dimensions of research training. What is the ideal environment to train young scientists? What are the barriers? How does theyoung scholar mesh into the fabric of the organization? In all, attendees to the webinars will appreciate contemporary science in regeneration and the dynamics of transferring that science to the next generation in the enterprise. Participants are selected from the Cato T. Laurencin Institute for Regenerative Engineering's signature T32 Doctoral and Young Innovative Investigator Programs as well as UConn's graduate training.

The Cato T. Laurencin Institute for Regenerative Engineering is producing this series in partnership with the Advanced Regenerative Manufacturing Institute (ARMI). The webinars will inform participants and the audience on the perspective of young scientists in training conducting research in regenerative engineering supplemental by the interaction with their research mentors.

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THE CATO T. LAURENCIN INSTITUTE FOR REGENERATIVE ENGINEERING

A GROWTH FACTOR-BASED APPROACH TO ARTICULAR CARTILAGE REPAIR

TUESDAY APRIL 4 | 12 PM EST

Trainee: Sandro Cloiseau

Mentor: Caroline N. Dealy, Ph.D.
Associate Professor
Department of Craniofacial Sciences, School of Dental Medicine
Department of Biomedical Engineering, School of Dental Medicine
Department of Orthopedic Surgery, School of Medicine
Department of Cell Biology, School of Medicine
University of Connecticut

SYNTHETIC ARTIFICIAL STEM CELLS – A PLATFORM FOR PRECISION MEDICINE IN REGENERATIVE ENGINEERING

TUESDAY APRIL 11 | 12 PM EST

Trainee: Rachel Marchini
Mentor: Lakshmi S. Nair, M.Phil., Ph.D., FBAO, FAIMBE, FNAI Professor
Department of Orthopedic Surgery, UConn Musculoskeletal Institute
Department of Material Science and Engineering
Department of Biomedical Engineering
Associate Director, The Cato T. Laurencin Institute for Regenerative Engineering
University of Connecticut

ACHES, AGE, AND INFLUENZA: REGENERATIVE INSIGHTS FROM A PATHWAY TO MUSCLE LOSS AND DISABILITY

TUESDAY APRIL 18 | 12 PM EST

Trainee: Andreia Cadar
Mentor: Jenna M. Bartley, Ph.D.
Assistant Professor
Center on Aging and Department of Immunology
University of Connecticut

BIOENGINEERING LUNG TISSUE USING ADVANCED 3D BIOPRINTING TECHNOLOGY

TUESDAY APRIL 25 | 12 PM EST

Trainee: Heather Wanczyk
Mentor: Christine Finck, M.D., FACS
Surgeon-in-Chief
Chief, Division of Pediatric General and Thoracic Surgery
Connecticut Children's Medical Center
The Peter J. Deckers Endowed Chair in Pediatric Surgery
University of Connecticut