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JANUARY 2021

ROUND UP

GEORGIA CF CORE CENTER SERVICES

The Georgia CF Core Center grant focuses on non-pulmonary aspects of CF and how these impact pulmonary aspects of disease.

This grant includes three research Cores:

1. **Diabetes, GI/Liver, and Nutrition Core**
2. **Lifestyles & Behavior Core**
3. **Clinical Research and Informatics Core**

Interested? Check out our REDCap Survey at www.cfatl.org/for-researchers

NEW PUBLICATIONS IN HIGH-IMPACT JOURNALS

Denlinger LC, ... **Fitzpatrick AM**, ... Israel E; National Heart, Lung and Blood Institute's Severe Asthma Research Program-3 Investigators. **Responsiveness to Parenteral Corticosteroids and Lung Function Trajectory in Adults with Moderate to Severe Asthma.** Am J Respir Crit Care Med. 2020 Dec 8. doi: 10.1164/rccm.202002-0454OC.

NEW GRANT AWARDS

McCarty, Nael A. "CFF Bridge Funding: Mechanisms Underlying the Lung Pathophysiology of CF-related Diabetes" Cystic Fibrosis Foundation. 2021 - 2022

SPOTLIGHT HELPING CHILDREN WITH ASTHMA

Drs. Ed Horwitz, Anne Fitzpatrick, and Lokesh Guglani are leading a novel study with mesenchymal stem cells to help reduce airway inflammation and symptoms in affected patients.

The activity of mesenchymal stem cells is mediated by a variety of cell-to-cell contacts and soluble mediators which have direct effects on immune cells and tissue. The hope is that these stem cells can "heal" damaged airways in children with asthma. Enrollment is expected to begin in Spring 2021.

In this first-of-its-kind phase 1 clinical trial, two preparations of mesenchymal stem cells will be infused in up to 24 children with asthma through a dose-escalation design. The primary objective of the trial is to demonstrate safety of the stem cell products.

The Marcus Foundation is funding \$3.45 million to advance this important project including but not limited to experimental therapeutics, clinical tests, preparing cells, and more. [Click here to learn more.](#)



Don't forget to join in the CF@LANTA Joint Lab Meeting & Research Workshops the 1st and 3rd Wednesday of the month from 3:00 - 5:00 PM! Contact Lilly Meier for more information or to schedule a presentation.

If you have anything you would like highlighted in the CF-AIR Monthly Round Up, please reach out to Lilly Meier (lilly.meier@emory.edu)