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satellite cells and collagen remodeling during disuse and recovery in aged muscle

Litchman ML, Ng A, Sanchez-Birkhead A, Allen NA, Rodriguez-Gonzales B, Iacob E, feeding

lysophosphatidylcholine induces skeletal muscle myopathy that is aggravated by high-fat diet


neurodegeneration, and cancer. We also are interested in using chemical reactions to deliver

With such DNA-encoded libraries, one can simply “fish” for drug candidates, greatly simplifying
discovery by attaching DNA-barcodes to libraries of compounds.

Research Highlights

Medicinal Chemistry, College of Pharmacy

pathogenesis of cerebral malaria infection, I discovered that a member of the Ephrin neuronal

Unfortunately, therapeutic options for managing fibrotic diseases are

body and is responsible for up to 45% of all deaths in developed nations.

organ dysfunction and failure. Fibrosis can affect any organ in the human

improving access to insulin.

My work has centered around infoveillance of do-it-yourself solutions to

diabetes, many people still do not have access to

34 million Americans live with diabetes. Even with amazing

Improving Access to Diabetes Care

Research Highlights

Discovery and Development of a BNIP3 agonist to Target Mitochondrial-derived

mitochondrial dysfunction to mitigate tissue damage in fibrosis.

We are proud that in 2021, the DMRC:

pandemic both at home and at work.

2021 was a year full of challenges and successes. We welcomed new members to

While 2022 is starting off with some uncertainty,

We continue to be grateful to be part of such

Good News

And enjoy Angie’s blog in

Research Highlights

Quarterly update from the DMRC

The Seminars in Metabolism (SIM) listserv

The DMRC listserv

The samples are indexed with electronic health records and contain extensive information

obesity, gastric bypass), premature coronary artery disease, heart failure, diabetes, etc.

process

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