Louisiana Supplement

Richard L. James, PGC, KCT, KC, PGHP, Editor
163 L. E. Phillips Road
Eros, LA 71238-8371
Cell Phone (318) 235-2050
E-mail: RichardRLJ@aol.com

Cryptic Masons Masonic Research Foundation

One of our great York Rite masonic charities is the CMMRF. Please visit the web site at CMMRF – Cryptic Masons Medical Research Foundation for more information about the remarkable healing power of Stem Cells, current pioneering research, clinical trials, and more about the wonderful work that relates directly to us and our families. Here are some areas from the web site where our CMMRF is actively working using your donations:

Abdominal Aortic Aneurysms

An aortic aneurysm is a balloon-like bulge in the aorta, the large artery that carries blood from the heart through the chest and torso. An abdominal aortic aneurysm occurs below the chest. Abdominal aortic aneurysms happen more often than thoracic aortic aneurysms. Abdominal aortic aneurysms are more common in men and among people aged 65 years and older. Abdominal aortic aneurysms are usually caused by atherosclerosis (hardened arteries), but infection or injury can also cause them.

Chronic Obstructive Pulmonary Disease (COPD) **is anticipated to become the third leading cause of death by 2020**. Today, COPD affects 600 million people worldwide and is a major consequence of environmental exposures to toxins, particularly tobacco smoking.

Heart Failure

Heart failure (HF) is an important cardiovascular disease in its own right, a risk factor for disease (atrial fibrillation, stroke, coronary artery disease), and a consequence of other diseases (e.g. rheumatic, hypertensive or coronary artery disease), **therefore posing a triple threat to public health.**

Juvenile Diabetes (Type 1)

There is emerging evidence that Type 1 diabetes, also known as Juvenile Diabetes, is an auto-immune disease where cytotoxic T-cells attack the beta cells, the insulin producing cells of the pancreas, leading to diabetes. There is emerging evidence that patients with diabetes, much like those with aortic aneurysms, have defective regulatory T cells. Current research is focusing on how to correct these defective regulatory T-cells and we plan to use our discoveries in AAA to treat diabetes in our mouse models.

Peripheral Artery Disease (PAD)

PAD is a disease of high human and social impact and after coronary heart disease (CHD) and stroke, **is the third most prevalent form of atherosclerotic cardiovascular disease.**
In the laboratory Dr. Steve Miller has developed a model of PAD in a diabetic mouse in which we are testing new cells, called spheroids, and cells that have been transfected with a gene to secrete specific signals to the surrounding tissue to make blood vessels grow.

Stroke

The therapeutic substances that adipose stem cells secrete have demonstrated the ability to rescue brain at risk both in young and adult laboratory rodents after interruption of blood flow to the brain. These findings can lead the way to entirely new treatments for stroke and cerebral palsy (stroke in babies) **that can be applied up to 36 hours after the onset of stroke symptoms**.

Companions, please help us support this charity with donations to CMMRF through our local Councils!

"Chivalry, Christianity, Templary - A Way of Life"
"Every Christian Mason should be a Knight Templar"