

## 2008 Seed Grants Awarded

### March 2008

#### ***Secondary Hyperparathyroidism as a Cardiovascular Risk Factor in Hispanic Patients with Chronic Kidney Disease***

*Principal investigator:* Kalpana Bhairavarasu, MD, Internal Medicine, Odessa

*Co-Investigators:*

Ronald Gibbons, MD, Internal Medicine, Odessa

Rama Chemitiganti, M.D. Internal Medicine, Odessa

Amount Awarded: \$17,100

#### ***Decreased level of high density lipoprotein cholesterol [HDL-C] is mediated by a specific plasma protease.***

*Principal Investigator:* Walter McConathy, Ph.D., Internal Medicine, Odessa

*Co-Investigators:*

Craig Spellman, PhD, D.O., Internal Medicine, Odessa

Rama Chemitiganti, M.D., Internal Medicine, Odessa

Amount Awarded: \$33,647

#### ***Role of AMP-Activated Protein Kinase (AMPK) in Vascular Complications of Diabetes***

*Principal Investigator:* Sharma Prabhakar, MD, Internal Medicine, Lubbock

*Co-Investigator:*

Elmus Beale, PhD., CBB, Lubbock (now El Paso)

Amount Awarded: \$ 34,958

#### ***Molecular Mechanisms of Atrial Fibrillation Induced by Mutations of Connexin 40***

*Principal Investigator:* Luis Reuss, MD, Cell Physiology and Molecular Biophysics, Lubbock

Amount Awarded: \$29,370

### July 2008

#### ***Effect of HMG-CoA Reductase Inhibitor Treatment on Serum MMP-13 and TIMP-1 Levels as a Sign of Plaque Stabilization***

*Principal investigator:* Gary Meyerrose, MD, Internal Medicine, Lubbock

*Co-Investigators:*

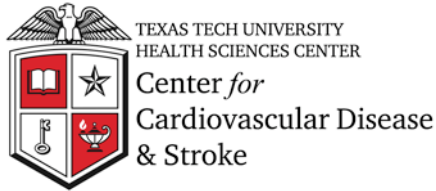
Cihan Cevik, MD, Internal Medicine, Lubbock

Kenneth Nugent, M.D. Internal Medicine, Lubbock

Mohammed Otahbachi, M.D. Internal Medicine, Lubbock

Jan Simoni, PhD. Surgery, Lubbock

Amount Awarded: \$11,000



***Optimizing Treatment of RAAS-mediated CHF in Mexican-Americans: effectiveness of renin and aldosterone inhibitors***

*Principal investigator:* Selim Krim, MD, Internal Medicine, Lubbock

*Co-Investigators:*

Sandra Rodriguez, Internal Medicine, Lubbock

Gary Meyerrose, M.D. Internal Medicine, Lubbock

Yasir Yaqub, M.D. Internal Medicine, Lubbock

Jan Simoni, PhD. Surgery, Lubbock

Amount Awarded: \$15,000

***Impact of Metabolic Syndrome on Non-Ischemic Heart Failure in Mexican Americans***

*Principal investigator:* Rey Vivo, MD, Internal Medicine, Lubbock

*Co-Investigators:*

Selim Krim, MD, Internal Medicine, Lubbock

Cihan Cevik, M.D. Internal Medicine, Lubbock

Robert Paige, PhD, Statistics, TTU

Amount Awarded: \$14,601

***Identification of heritage-related genetic determinants of cardiovascular diseases in Mexican-Americans and Caucasians***

*Principal investigators:*

Leigh Ann Jenkins, MD, Internal Medicine, Lubbock

Parastoo Momeni, PhD, Internal Medicine, Lubbock

*Co-Investigators:*

Piraon Sutthiwan, MD, Internal Medicine, Lubbock

Simon Williams, PhD, CBB, Lubbock

Yasir Yaqub, M.D. Internal Medicine, Lubbock

Amount Awarded: \$15,000