

## **KALPANA BALLAL**

**Cell : 832-867-6268**

Skilled at managing multiple projects with conflicting priorities. Familiarity with clinical trials. Ability to develop and effectively deliver presentations. Excellent interpersonal skills

### **Education**

- BSN, RN University of Texas Health Science Center, School of Nursing, (Pacesetter program), Houston, Texas
- Ph.D., in Biochemistry, Nagpur University & CSIR (Council of Scientific & Industrial Research), India

### **Work Experience**

**Transplant Sub -Specialty** May 2018-  
Baylor CHI St Luke's Healthcare, Texas Medical Center, Houston, Texas

Transplant team member of solid organ transplant both pre and post (Liver, Kidney & Lung), post -transplant telemetry floor. Patient population of multiple co-morbidities and acute care needs.

October 2016-April 2018  
Kindred Acute Care Hospital, Medical Center, Houston, Texas

Performed a vital clinical role in the recovery process for chronic, critically ill medically complex pre and post organ transplant patients who required acute care and rehabilitation. Also involved in coordination of care for patient population of solid organ pre and post-transplants.

**Adjunct Faculty of Nursing** 2011-

Vocational Nursing Program, Houston Community College, Coleman Health Science Center, Houston, Texas

Instructor for Clinical Nursing, Pre- nursing courses including Anatomy-physiology & Nutrition

**Senior Research Scientist** 2006-  
University of Texas Health Science System, Houston, Texas

- Identified various mechanisms of obesity, diabetes, and heart failure in different animal models as well as in human samples

- Extensive experience in presentation of research findings in national and international scientific meetings
- Experience in research grant proposals and manuscript preparation
- Supervised a group of researchers in multiple research projects

## **Honors & Awards**

- Member of National Society of Collegiate Scholars
- American Association for Cancer Research & Bristol-Myers Squibb Oncology- Scholar-in-Training award
- Senior Research Fellowship, Council of Scientific & Industrial Research (CSIR), India.
- Member of patient satisfaction committee at CHI St. Luke's Medical Center Hospital, Houston, Texas

## **Certifications**

BLS & ACLS

## **Selected Research Publications**

- Taegtmeyer H. and Ballal K. No Low-Fat Diet for the Failing Heart? *Circulation*, 114: 2092 – 2093, 2006.
- Natalia Sorokina, J. Michael O'Donnell, Ronald D. McKinney, Kayla M. Pound, Gebre Woldegiorgis, Kathryn F. LaNoue, Kalpana Ballal, Heinrich Taegtmeyer, Peter M. Buttrick, and E. Douglas Lewandowski. Recruitment of compensatory pathways to sustain oxidative flux with reduced CPT1 activity characterizes inefficiency in energy metabolism in hypertrophied hearts. *Circulation*, 115(15): 2033-41, 2007.
- Ballal, K. and Taegtmeyer, H. "Western" diet induces apoptosis in the hearts of rat model with diet-induced obesity. **FASEB Journal** 22: 1091.4, 2008.
- Ballal, K. and Taegtmeyer, H. et al. Decreased malic enzyme expression is associated with contractile dysfunction in the heart of rats fed a western diet: a critical role for anaplerosis. **American Heart Association Annual Meeting**, 2008.
- Pound KM, Sorokina N, Ballal K, Berkich DA, Fasano M, LaNoue, KF, Taegtmeyer HT, O'Donnell JM, and Lewandowski ED. Enzyme Substrate Competition Attenuates Upregulated Anaplerotic Flux through Malic Enzyme in Hypertrophied Hearts and Restores Triacylglyceride Attenuating Upregulated Anaplerosis in Hypertrophy *Circulation Research*, 104(6): 805-812, 2009.
- Kassiotis C, Ballal K, Wellnitz, K., Frazier OH, Taegtmeyer H. Downregulation of Autophagy Markers in Failing Human Heart with Mechanical Unloading Downregulation of Autophagy Markers in Failing Human Heart with Mechanical Unloading. *Circulation*, 2010.