

A long-exposure photograph of the Houston Methodist Hospital and Research Institute at night. The building is a large, modern structure with a curved glass facade that reflects the city lights. The interior lights are on, and the building is illuminated from within. The sky is a deep blue. In the foreground, there are light trails from cars and streetlights, indicating a busy urban environment. The text "Houston Methodist Hospital and Houston Methodist Research Institute" is overlaid in white, bold, sans-serif font. Below it, "George Taffet, MD" is also overlaid in the same font style.

Houston Methodist Hospital and Houston Methodist Research Institute

George Taffet, MD

Bio Repository

- Almost 100,000 samples/specimens
- Mostly serum but also tissue blocks
- Limited clinical information available
- Ability to request specific specimens (whole blood, buffy coat, urine)
- With HMH/TMHRI collaborator things are free (right now)
- Need to have HMH/TMHRI protocol



Cognitive Foci

- Nantz Alzheimer's Center
 - Joe Masdeu, MD leader
 - Large number active protocols
 - Major interest in Imaging
 - Additional focus on Non-AD dementias
- Delirium Focus
 - Nursing Research
 - Interventions



Research Cores

- **Imaging Core (collaboration with Siemens)**
 - 7 Tesla magnets, clinical and preclinical MRI's
 - MR Spectroscopy expertise
- **Scanning Core**
 - Images entire slide
 - Removes bias of selective imaging
- **RNA Core**
- **EnMED Core (TAMU)**
- **CardioVascular Core**



X-Prize Team: Team GlyNAC

- \$110,000,000 prize for slowing/reversing aging
 - Lead by Jaimie Justice, Ph.D.
- 1000 International teams entered competition
- 40 teams made first cut
- Team GlyNAC lead by Raj Sekhar only Houston team
 - BCM/HMH collaboration
- Working on Next Steps

