The diabetes-related research base at Vanderbilt builds on the longstanding, broad-based excellence of basic and clinical research at Vanderbilt and encompasses a wide range of scientific disciplines and specialties related to the physiology of carbohydrate, protein, and fat metabolism, the pathogenesis and treatment of diabetes, the complications of diabetes, and the translation of new knowledge to the clinic and the community.

Vanderbilt DRTC-affiliated investigators are grouped into five research areas based on common scientific interests:

**Cell Signaling and Oxidative Stress Research**
*Co-Leader:* James May; James.May@Vanderbilt.Edu  
*Co-Leader:* Roger Colbran; Roger.Colbran@Vanderbilt.Edu  
[More Details HERE »](#)

**Clinical Research and Epidemiology**
*Co-Leader:* Tom Elasy; Tom.Elasy@Vanderbilt.Edu  
*Co-Leader:* Alp Ikizler; Alp.Ikizler@Vanderbilt.Edu  
[More Details HERE »](#)

**Complications Related to Diabetes**
*Co-Leader:* Jeff Davidson; Jeff.Davidson@Vanderbilt.Edu  
*Co-Leader:* John Penn; John.S.Penn@Vanderbilt.Edu  
[More Details HERE »](#)
In Vivo Metabolic Regulation and Obesity Research

**Co-Leader:** Alyssa Hasty; Alyssa.Hasty@Vanderbilt.Edu

**Co-Leader:** Kevin Niswender; Kevin.Niswender@Vanderbilt.Edu

More Details HERE »

---

Islet Development, Biology, and Immunology

**Co-Leader:** Guoqiang Gu; Guoqiang.Gu@Vanderbilt.Edu

**Co-Leader:** Tom Thomas; James.W.Thomas@Vanderbilt.Edu

More Details HERE »

---

Vanderbilt Clinical Trials Online Database »

National Clinical Trials Database »