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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

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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

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In Vivo Metabolic Regulation and Obesity Research

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

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

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Islet Development, Biology, and Immunology

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

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

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[Vanderbilt Clinical Trials Online Database »](#)

[National Clinical Trials Database »](#)