Dr. Kebebew is Head of Endocrine Oncology Section, Surgery Branch, National Cancer Institute. He received his bachelor's degree from the University of California, Los Angeles in Chemical Engineering. Dr. Kebebew completed his medical training, surgical residency and NCI T32 Surgical Oncology Basic Science fellowship at the University of California, San Francisco. Dr. Kebebew joined the surgical faculty at the University of California, San Francisco in 2002. In 2009, Dr. Kebebew was recruited to the NCI.

Dr. Kebebew has published over 200 articles, chapters and textbooks, and serves on the editorial board and as a reviewer for 25 medical journals. He has received awards from the American Cancer Society, American Association for Cancer Research, American Thyroid Association, American Association of Endocrine Surgeons, and International Association of Endocrine Surgeons.

His laboratory investigates gene expression and regulation in endocrine cancers with the ultimate goal of identifying therapeutic targets and novel anticancer agents for endocrine cancers, and diagnostic and prognostic markers for endocrine tumors. Dr. Kebebew is a Fellow of the American College of Surgeons, and is an internationally recognized expert in Endocrine Surgery, and has performed more than two thousand operations on the thyroid, parathyroid, pancreas and adrenal glands.