

Karen Reue, Ph.D.

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Dr. Karen Reue is Professor of Human Genetics at UCLA. Her research interest is on Genes underlying disorders in lipid and glucose metabolism. Her recent work has focused on the fatty liver dystrophy (fld) mutation, which results in lipodystrophy (lack of fat tissue), insulin resistance, and increased susceptibility to atherosclerosis. Using a positional cloning approach, her team identified the fld mutation in a novel gene that we named Lipin. They are studying the role of lipin in fat tissue development and metabolic disorders in several models, including engineered mouse strains, cultured cells, human adipose tissue, and invertebrate organisms.