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New insights **into** renal lipid dysmetabolism in diabetic kidney disease

Mitrofanova A *et al.* Lipids in DKD

Alla Mitrofanova, George Burke, Sandra Merscher, Alessia Fornoni

Abstract

Lipid dysmetabolism is one of the main features of diabetes mellitus and manifests by dyslipidemia as well as the ectopic accumulation of lipids in various tissues and organs, including the kidney. Research suggests that impaired cholesterol metabolism, increased lipid uptake or synthesis, increased fatty acid oxidation, lipid droplet accumulation and an imbalance in biologically active sphingolipids (such as ceramide, ceramide-1-phosphate and sphingosine-1-phosphate) contribute to the development of diabetic kidney disease. Currently, the literature suggests that both quality and quantity

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What are other names for diabetic kidney disease? ▾

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