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New role for ceramide in hypoxia and insulin resistance

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Abstract

Ceramides are significant metabolic products of sphingolipids in lipid metabolism and are associated with insulin resistance and hepatic steatosis. In chronic inflammatory pathological conditions, hypoxia occurs, the metabolism of ceramide changes, and insulin resistance arises.

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Author: Jan Górski

Publish Year: 2012

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www.ncbi.nlm.nih.gov/pmc/articles/PMC6712072/ **ngolipid ceramide** is the main culprit that combines a plethora of nutrients (e.g.,

Insulin

Hormone



Insulin is a peptide hormone produced by beta cells of the pancreatic islets; it is considered to be the main anabolic hormone of the body. It regulates the metabolism of carbohydrates, fats and protein by promoting the absorption of glucose from the blo... +

W Wikipedia

May treat: Type 2 Diabetes · Type 1 diabetes · Diabetic Ketoacidosis · Hyperglycemia · Hyperkalemia · Gestational Diabetes +

Possible side effect: Acanthosis Nigricans

Legal status: Over-the-counter drug · Prescription drug · Availability, OTC, Over the counter · Availability, , Discontinued +

Brand name: Exubera

Pregnancy risk category: Pregnancy Category C (FDA) · Pregnancy Category B (FDA)

Trivia: On January 23, 1922, 14-year-old Leonard Thompson is injected with insulin, a new drug that saves... · See more

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