

Culprits or consequences: Understanding the metabolic dysregulat





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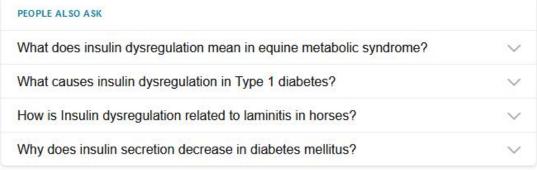
Jul 19, 2021 · Prior to understanding the consequences of weight loss on metabolism, it is imperative to recognize that at the metabolic level, weight loss is a continuous metabolic adaptation process progressing through many biochemical and physiological changes involving the role of hormones, enzyme functions, metabolite effectors, and bioenergetics.

Metabolic Culprits in Obese Pregnancies ... - Diabetes Care https://care.diabetesjournals.org/content/42/5/718 •

May 01, 2019 - Pregnancy has been equated to a "stress test" in which placental hormones and growth factors expose a mother's predisposition toward metabolic disease, unleashing her previously occult insulin resistance (IR), mild β-cell dysfunction, and glucose and lipid surplus due to the formidable forces of pregnancy-induced IR. Although pregnancy-induced IR is intended to assure adequate nutrition ...

Cited by: 20 Author: Linda A. Barbour

Publish Year: 2019 Estimated Reading Time: 12 mins



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Feb 01, 2019 - The etiology of diabetes and associated metabolic derailments is a complex process that relies on crosstalk between metabolically active tissues. Dysregulation of secreted factors and metabolites from islets, adipose tissue, liver, and skeletal muscle contributes to the overall progression of diabetes and metabolic syndroms.