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Complement activation in obesity, insulin resistance, and type 2 diabetes mellitus에 대한 학술자료

Inflammation, **insulin resistance**, and adiposity: a study ... - Kriketos - 143회 인용

... low-grade inflammation in **type 2 diabetes mellitus**: ... - Van Greevenbroek - 186회 인용

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Complement Factor 3 Is Associated With Insulin Resistance ...

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N Wlazlo 저술 - 2014 - 52회 인용 - 관련 학술자료

2014. 3. 16. - OBJECTIVE Immune dysregulation can affect **insulin resistance** (IR) and β -cell function and hence contribute to development of **type 2 diabetes mellitus** (T2DM). The **complement system**, as a regulator of immune and inflammatory homeostasis, may be a relevant contributor therein.

관련 질문

How does obesity contribute to insulin resistance?



Can Type 2 diabetes be autoimmune?



Is insulin resistance autoimmune?



Name of Journal: *World Journal of Diabetes*

Manuscript NO: 50677

Manuscript Type: REVIEW

Complement activation in obesity, insulin resistance, and type 2 diabetes mellitus

Shim K *et al.* Complement activation in metabolic disorders

Kyumin Shim, Rayhana Begum, Catherine Yang, Hongbin Wang

Abstract

Amplified inflammatory reaction has been observed to be involved in

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The role of the complement system in metabolic organs and ...

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In fact, the obesity-associated chronic low-grade inflammation seen in the AT and the liver is unequivocally linked to the development of **non-alcoholic fatty liver disease**, insulin resistance and type 2 **diabetes mellitus (T2DM)**, and their associated **cardiovascular complications**.

Cited by: 85**Author:** Julia Phielers, Ruben Garcia-Martin, John ...**Publish Year:** 2013

[PDF] Innate immunity, insulin resistance and type 2 diabetes

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with insulin resistance, type 2 diabetes, obesity and **atherosclerosis**. Cellular innate immune associations with obesity and insulin resistance include **increased white blood cell count** and **adipose tissue macrophage** numbers. The innate immune response is modulated possibly by both predisposition (genetic or fetal pro-

Relationship between inflammation, insulin resistance and ...

<https://www.ncbi.nlm.nih.gov/pubmed/18220627>

There is debate as to whether these associations are independent of **body fatness** or, rather, an epiphenomenon of obesity, particularly central obesity, a strong predictor of insulin resistance and type 2 diabetes and an important source of **inflammatory cytokines**, such as **interleukin-6**.

Cited by: 131**Author:** Jerry R. Greenfield and Lesley V. Campbell**Publish Year:** 2006

Complement Factor 3 Is Associated With Insulin Resistance ...

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Jul 01, 2014 · **OBJECTIVE** Immune **dysregulation** can affect **insulin resistance (IR)** and **β-cell function** and hence contribute to development of **type 2 diabetes mellitus (T2DM)**. The **complement** system, as a regulator of immune and inflammatory homeostasis, may be a relevant contributor therein.

Cited by: 58**Author:** Nick Wlazlo, Nick Wlazlo, Marleen M.J. va...**Publish Year:** 2014