



شبكة المعلومات الجامعية

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شبكة المعلومات الجامعية
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شبكة المعلومات الجامعية التوثيق الالكتروني والميكرو فيلم



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

قسم

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15-25- c and relative humidity 20-40%

بعض الوثائق الأصلية تالفة

بالرسالة صفحات لم ترد بالاصل

Human plasma leptin in Obese & Diabetics

BY

Thesis
submitted in partial fulfillment
for MD degree in chemical pathology

BY

MONA AHMED M. ABOU EL HASSAN

Supervisors

Prof.Dr.

Nermine A. Bahgat
Professor of chemical pathology
Cairo University

Prof.Dr.

Nadida A.H. Gohar
Professor of chemical pathology
Cairo University

Dr.

Hala A. Gamal El-Din
Lecturer of medicine
Cairo University

ABSTRACT

Leptin is the protein product of the *ob* gene, an adipocyte-specific gene recently discovered in mice. Our aim was to investigate role of leptin in pathogenesis of obesity and type II DM. We have thrown the light on the relationship between insulin and leptin in 169 type II diabetic patients and 85 non-diabetic subjects taken as a control group. Fasting serum leptin levels were found to be higher in the cases compared to the controls (mean=19.7±9.4, 14.2±8.7 µg/L, respectively, $p<0.001$). Fasting serum leptin was found to be positively correlated to BMI both in diabetics ($r=0.86, p<0.001$) and controls ($r=0.73, p<0.001$). Leptin was also positively correlated to insulin levels in diabetics ($r=0.67, p<0.001$). In this study we show that serum leptin levels in a large group of patients with non-insulin dependent diabetes mellitus are correlated to BMI, sex and insulin.

Key words:

Leptin Insulin obesity Non-insulin dependent diabetes mellitus

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بِسْمِ فَادَة اِدْكْتَرَة

صنّى دساطم

مع ضريد الشكر

بِسْمِ الله الرحمن الرحيم

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