CLINICAL AND LABORATORY INVE

Obesity in psoriasis: leptin and resisti

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Conflicts of interest
None declared.

KEYWORDS

cytokines • leptin • obesity • psoriasis • resistin • UVB

ABSTRACT

Background Obesity is a significant risk factor for psoriasis and body mass index (BMI) correla

Objectives To investigate the relationship between obesity and psoriasis, focusing on the role

Patients/methods Patients with psoriasis (n = 30) were recruited and their BMI, waist circumfere were obtained on enrolment and after a course of ultraviolet (UV) B treatment. Age-, sex- and B

Results On enrolment, serum leptin and soluble leptin receptor levels were not raised compare were all significantly elevated in the patient group and serum resistin correlated with disease se CXCL8. In vitro, both leptin and resistin could induce CXCL8 and tumour necrosis factor-α pro Leptin also dose dependently increased secretion of the growth factor amphiregulin by ex vivo

Conclusions These data support the view that leptin and resistin may be involved in the pathog inflammatory infiltrate.