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Subject: Was Neues ;)

Posted by [Yes No](#) on Mon, 09 Mar 2009 21:06:19 GMT

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Aus dem Land der unbegrenzten Möglichkeiten:

Zitat:

SAN DIEGO, March 6 (2009) CA-AndroScience-Corp

SAN DIEGO, March 6 /PRNewswire/ -- AndroScience Corporation (ASC(TM)), a developmental stage pharmaceutical company announced results of a Phase 2a dose-ranging study of their lead clinical compound for the treatment of acne. The randomized, double-blinded, vehicle-controlled study completed in late 2008 enrolled 186 patients with acne and consisted of twice daily topical applications of ASC-J9(TM) cream for 12 weeks to evaluate safety and ascertain preliminary efficacy.

ASC-J9(TM) demonstrated a clinical benefit in reducing inflammatory lesions compared to placebo at certain dosages and at multiple time points during the study, though the study was not powered for statistical significance. ASC will now focus on bolstering efficacy through a new formulation and intends on forming a co-development or licensing partnership for future clinical development and commercialization. Through enhancing androgen receptor protein degradation, ASC-J9(TM) represents the first topical agent directed at modulating the effect of androgens (male hormones), through the androgen receptor, a key causative factor in the pathogenesis of acne.

Charles Shih, Ph.D., Chief Executive Officer of AndroScience Corporation, said, "We are extremely enthusiastic about the therapeutic potential of ASC-J9(TM) and the remarkable safety profile exhibited by the drug. The 0.025% cream formulation dose of ASC-J9(TM) delivered a therapeutic benefit comparable to levels seen with marketed acne drugs on inflammatory lesions, with no side effects, and we believe a higher dosage or improved formulation will translate to even greater efficacy in the treatment of acne."

ASC-J9(TM) is a small molecule with a novel mechanism of action, which selectively enhances androgen receptor degradation (ARD) to reduce androgen activity. ARD enhancers act on a key cause of acne, the androgen activation system, through reducing high levels of androgen receptor present in the sebaceous gland to lower sebum secretion, a fundamentally different approach from all other current acne treatments. ASC-J9(TM) cream is topically administered and exhibits low systemic absorption, limiting systemic side effect risks and allowing for the treatment of both males and females.

Die Kernaussage ist: Die Substanz ASC-J9 wirkt in dem sie die Zersetzung der Angrogenrezeptoren (ein Schlüsselfaktor in der Pathogenese der Akne und auch AGA) begünstigt, dh ungleich zB Finsaterid, das ein Enzym hemmt, das das Androgen Testosteron in

das Androgen DHT konvertiert, oder zB Flutamid, das mit den Androgenen Testosteron und DHT um die Rezeptoren konkurriert, verringert ASC-J9 die Zahl der Androgenrezeptoren und würde sich daher optimal mit den vorgenannten Substanzen ergänzen. Darüberhinaus wirkt es nur lokal und somit für Frauen und Männer geeignet.

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