

A new ERA for global Dermatology 10 - 15 JUNE 2019 MILAN, ITALY

PRURITUS

EFFECTS OF SERLOPITANT ON PRURITUS ASSOCIATED WITH PSORIASIS: RESULTS OF A PHASE 2 RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED CLINICAL TRIAL

David Pariser⁽¹⁾ - Stephen Tyring⁽²⁾ - Jerry Bagel⁽³⁾ - Mary Spellman⁽⁴⁾

Eastern Virginia Medical School And Virginia Clinical Research, Inc., Dermatology, Norfolk, United States⁽¹⁾ - University Of Texas Health Science Center, Dermatology, Houston, United States⁽²⁾ - Psoriasis Treatment Center Of Central New Jersey, Dermatology, East Windsor, United States⁽³⁾ - Menlo Therapeutics Inc.,, Clinical Development, Redwood City, United States⁽⁴⁾

Introduction: Pruritus is a significant symptom of psoriasis that negatively impacts quality of life. Treatments for psoriatic lesions often do not alleviate psoriatic pruritus. Thus, there remains an unmet medical need for effective treatment of psoriatic pruritus.

Objective: To study the effects of seriopitant, an oral, once-daily neurokinin-1 receptor antagonist on psoriatic pruritus in a phase 2, randomized, double-blind, placebo-controlled trial (NCT03343639).

Materials and Methods: Patients were randomized to serlopitant 5 mg (n=102) or placebo (n=102) daily for 8 weeks. Adult patients with plaque psoriasis covering $\leq 10\%$ of body surface area, pruritus ≥ 4 weeks, and mean worst-itch numerical rating scale (WI-NRS) score ≥ 6.0 over the week prior to randomization were eligible to participate. WI-NRS 4-point and 3-point improvement responder rates were evaluated. The primary and key secondary efficacy endpoints included the WI-NRS 4-point responder rate at week 8 and at week 4.

Results: Mean age of participants was 47.5 years, 54.2% were female, and 85.2% were white. Mean baseline WI-NRS scores were similar for seriopitant (8.3) and placebo (8.1). At week 8, WI-NRS 4-point responder rates were 33.3% for seriopitant vs 21.1% for placebo (P=0.028), and at week 4, the rates were 20.8% for seriopitant vs 11.5% for placebo (P=0.039). At corresponding timepoints, the WI-NRS 3-point responder rates for seriopitant were 42.1% and 31.9%. At every assessed time point in the trial, the seriopitant group demonstrated greater numerical improvement than the placebo group in the WI-NRS 4-point and 3-point responder analyses. Treatment-related adverse events were reported for 4.9% and 4.0% of seriopitant and placebo patients, respectively.

Conclusions: Serlopitant reduced psoriatic pruritus, as demonstrated by consistent WI-NRS





International League of Dermatological Societies Skin Health for the World







A new ERA for global Dermatology 10 - 15 JUNE 2019 MILAN, ITALY

4- and 3-point improvements. These results represent a clinically meaningful improvement in itch and support the ongoing development of seriopitant for this patient population.



24TH WORLD CONGRESS OF DERMATOLOGY MILAN 2019



International League of Dermatological Societies Skin Health for the World

