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ASLAN submits authorisation application with HSA

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The single ascending dose study will recruit healthy volunteers and the multiple ascending dose study will recruit patients with atopic dermatitis.

Singapore- ASLAN Pharmaceuticals, a clinical-stage biopharmaceutical company based in Asia developing novel therapeutics for global markets, today announced the submission of a clinical trial authorisation application with the Singapore Health Sciences Authority (HSA) to initiate a phase 1 trial of ASLAN004. The single ascending dose study will recruit healthy volunteers and the multiple ascending dose study will recruit patients with atopic dermatitis.

ASLAN004 is a fully human monoclonal antibody that targets the IL-13 receptor ?1 subunit (IL-13R?1) and potently inhibits interleukin 4 (IL-4) and interleukin 13 (IL-13). IL-4 and IL-13 are central to triggering symptoms of allergy in atopic dermatitis, such as redness and itching of the skin. By targeting IL-13R?1, ASLAN004 has the potential to offer both a lower dose and dosing frequency than currently available treatments for atopic dermatitis which target the same pathways. ASLAN004's selective binding may also offer a more favourable side effect profile.

Dr Carl Firth, CEO of ASLAN Pharmaceuticals, said: "We believe that ASLAN004 has the potential to be a best-in-class therapy, offering the potential for reduced injection frequency and greater convenience for patients than current treatment options for atopic dermatitis."

Atopic dermatitis is the most common dermatological disease, affecting over 200 million patients worldwide, characterised by red inflamed skin and severe daytime and night time itching, which can severely impact patients' quality of life. Up to one-third of adult atopic dermatitis patients are considered moderate-to-severe, for which currently available therapeutics are limited and management is challenging in the majority of cases.