



PRESS RELEASE

ASLAN PHARMACEUTICALS SUBMITS CLINICAL TRIAL AUTHORISATION APPLICATION FOR FIRST IN MAN STUDIES FOR ASLAN004

Singapore, 3 July 2018 – ASLAN Pharmaceuticals (ASLAN, 6497.TT, NASDAQ: ASLN), 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 $\alpha 1$ subunit (IL-13R $\alpha 1$) 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 $\alpha 1$, 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 worldwide¹, 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-severe², for which currently available therapeutics are limited and management is challenging in the majority of cases.

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About ASLAN004

ASLAN004 is a fully human monoclonal antibody that targets the IL-13 receptor $\alpha 1$ subunit, or IL-13R $\alpha 1$, with potential to be a best-in-class therapy. ASLAN004 is currently in preclinical development. By targeting IL-13R $\alpha 1$, ASLAN004 potently inhibits signalling of both interleukin 4, or IL-4, and interleukin 13, or 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, as well as asthma symptoms such as shortness of breath, wheezing and coughing.

¹ Nutten, S. 2015. Atopic dermatitis: global epidemiology and risk factors

² D'Erme AM, Romanelli M, Chiricozzi A. 2017. Spotlight on dupilumab in the treatment of atopic dermatitis: design, development, and potential place in therapy. Dove Press journal: Drug, Design and Therapy Vol 2017:11 p1473—1480



About ASLAN Pharmaceuticals

ASLAN Pharmaceuticals (ASLAN, 6497.TT, NASDAQ: ASLN) is a clinical-stage oncology-focused biopharmaceutical company developing novel therapeutics for global markets. ASLAN targets diseases that are both highly prevalent in Asia and orphan indications in the United States and Europe. Led by a senior management team with extensive experience in global and regional development and commercialisation, ASLAN is headquartered in Singapore and has offices in Taiwan and China. ASLAN's portfolio is comprised of four product candidates which target validated growth pathways applied to new patient segments, novel immune checkpoints and novel cancer metabolic pathways. ASLAN's partners include Array BioPharma, Bristol-Myers Squibb, Ammirall and CSL. For additional information please visit www.aslanpharma.com.