

Partnered program update

Melbourne, Australia; 31 July 2023: Following communication from AstraZeneca on Friday 28 July 2023 and the subsequent release of AstraZeneca's H1 and Q2 2023 results announcement that day, **Starpharma** (ASX: SPL, OTCQX: SPHRY) reports that AstraZeneca has made the decision to discontinue the development of AZD0466, after an internal review, prompted by a small number of asymptomatic adverse events (AEs) that were unrelated to Starpharma's dendrimer drug delivery technology.

These AEs have been observed in the two clinical trials evaluating AZD0466 in haematological indications (NCT04865419 and NCT05205161). AstraZeneca's decision follows the implementation of a voluntary partial clinical hold on study NCT04865419 by AstraZeneca, announced by Starpharma on 27 June 2023.

The AEs leading to this decision were asymptomatic and detected through routine laboratory testing. The AEs do not adversely impact the therapeutic and commercial potential of DEP®.

Starpharma CEO, Jackie Fairley said: "Whilst this decision is clearly not what Starpharma would have hoped for, we note that it relates to haematological malignancies and at the highest three dose groups of AZD0466 and was not due to our dendrimer technology.

"DEP® has demonstrated multiple benefits in Starpharma's clinical studies in patients with solid tissue tumours, including significant preferential accumulation in these tumours compared to blood levels."

This development with AZD0466 does not impact Starpharma's DEP® platform, the Company's internal clinical and preclinical DEP® programs, or DEP® partnerships. Starpharma's multi-product DEP® License agreement with AstraZeneca remains in effect.

About Starpharma

Starpharma Holdings Limited (ASX: SPL, OTCQX: SPHRY) is a biopharmaceutical company focussed on the development of pharmaceutical and medical products for unmet patient needs, including in the areas of oncology and infectious diseases.

Starpharma's innovative technology is based on proprietary polymers called dendrimers, which are precise, synthetically manufactured, nanoscale molecules. The unique properties of dendrimers – including their size, structure, high degree of branching, polyvalency, and water solubility – are advantageous in medical and pharmaceutical applications.

Starpharma uses its dendrimer technology to develop novel therapeutics and to improve the performance of existing pharmaceuticals. Starpharma's portfolio includes multiple clinical stage oncology products, which utilise its Dendrimer Enhanced Product ('DEP®') drug delivery technology; and marketed products, including VIRALEZE™ and VivaGel® BV, which utilise SPL7013, a proprietary dendrimer with antimicrobial properties.

Starpharma's DEP® drug delivery platform is being used to enhance the effectiveness of existing and novel therapies and to reduce drug-related toxicities through controlled and specified drug delivery.

In addition to Starpharma's internal DEP® programs, Starpharma has multiple DEP® partnerships with international biopharmaceutical companies including AstraZeneca (oncology); MSD (antibody drug conjugates); Chase Sun (anti-infectives); and other world leading pharmaceutical companies. Due to the broad applicability and optionality of Starpharma's DEP® platform, partnered DEP® programs have the potential to generate significant future milestones and royalties.

Starpharma's topical antiviral nasal spray, VIRALEZE™, is now registered in more than 35 countries*, including in Europe, in the UK, and in Asia. Starpharma's novel non-antibiotic vaginal gel, VivaGel® BV, for treatment of bacterial vaginosis (BV) and prevention of recurrent BV, is registered in more than 50 countries, including in the UK, in Europe, in Southeast Asia, South Africa, Australia and New Zealand.

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Disclosure

This ASX Announcement was authorised for release by the Chair, Mr Rob Thomas.

Forward Looking Statements

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