ASX Announcement

Starpharma signs second oncology agreement with AstraZeneca

- **Starpharma has signed a Development and Option Agreement with AstraZeneca to progress the development of a Dendrimer Enhanced Product (DEP®) version of one of AstraZeneca's major marketed oncology medicines.**
- **Following completion of agreed preclinical studies by Starpharma, AstraZeneca has the option to licence the DEP® oncology drug candidate for an option exercise fee of US$5M, plus industry standard development and commercialisation milestones and escalating royalties on sales.**
- **If AstraZeneca does not exercise the option to license the drug candidate, Starpharma has the option to license the rights to develop and commercialise the drug candidate itself or through a sub-licensee with milestones and royalties paid to AstraZeneca upon commercialisation of the product.**
- **This second oncology agreement follows an existing multiproduct licence for use of Starpharma's DEP® drug delivery platform in the development and commercialisation of several AstraZeneca oncology drug candidates, including AZD0466.**

Melbourne, Australia; 3 June 2019: Starpharma (ASX: SPL, OTCQX: SPHRY) today announced a Development and Option Agreement with AstraZeneca (LON: AZN) to progress the development of a Dendrimer Enhanced Product (DEP®) version of an undisclosed AstraZeneca major marketed oncology medicine. This is the second DEP® commercial agreement Starpharma has signed with AstraZeneca, the first agreement being a multiproduct licence which covers novel oncology drug candidates such as AZD0466 (a Bcl2/xL inhibitor).

The agreement was signed during the 2019 ASCO (American Society of Clinical Oncology) meeting in Chicago. ASCO attracts more than 40,000 cancer doctors, scientists, investors, pharmaceutical and life science executives.

Under this agreement, Starpharma will conduct preclinical testing of the DEP® version of the AstraZeneca oncology product. At any time from the signing of this agreement and for a defined period after the completion of this testing, AstraZeneca may exercise its option and licence the DEP® drug candidate for clinical and commercial development. If AstraZeneca exercises the option, an option exercise fee of US$5 million is payable to Starpharma, as well as industry standard development and commercialisation milestones and escalating royalties on sales. Further details regarding the major oncology medicine involved, drug candidates, and terms of the agreement remain confidential at this time for competitive reasons.

In the event AstraZeneca does not exercise its option to licence the DEP® drug candidate within the defined period, Starpharma has the option to license the rights to develop and commercialise this DEP® drug either itself or through a sub-licensee with milestones and royalties paid to AstraZeneca upon commercialisation of the resultant DEP® product.

Dr Jackie Fairley, Starpharma Chief Executive Officer, said: "We are delighted to sign a new commercial DEP® agreement at ASCO with our long-standing partner, AstraZeneca. This agreement follows a successful research program under which we identified a promising DEP® candidate with a number of potential benefits. This agreement represents the

culmination of that work and this DEP® product has the potential to provide significantly enhanced patient benefit. Unlike our first DEP® agreement with AstraZeneca, which applies DEP® to novel oncology drug candidates, this agreement is for an existing major AstraZeneca oncology medicine and provides further validation of the value of the DEP® platform and its broad application to both new chemical entities and existing products."

Susan Galbraith, Senior Vice President, R&D Early Oncology, AstraZeneca, said: "Building on our long-standing and successful working relationship with Starpharma, this agreement will enable us to further evaluate the potential of the DEP® technology with the aim of improving treatment outcomes for patients."

Starpharma's DEP® platform remains available for further partnerships. Licences are typically product specific and structured to allow for multiple partnered-DEP® programs to run in parallel.

About Starpharma

Starpharma Holdings Limited (ASX: SPL, OTCQX:SPHRY), located in Melbourne Australia, is an ASX 300 company and is a world leader in the development of dendrimer products for pharmaceutical, life science and other applications.

Starpharma's underlying technology is built around dendrimers – a type of synthetic nanoscale polymer that is highly regular in size and structure and well suited to pharmaceutical and medical uses. Starpharma has two core development programs: VivaGel® portfolio and DEP® drug delivery with the Company developing several products internally and others via commercial partnerships.

VivaGel®: Starpharma's women's health product - VivaGel® BV is based on SPL7013, astodrimer sodium, a proprietary dendrimer. VivaGel® BV is approved for marketing in the EU and available for sale in Australia for bacterial vaginosis (BV) and a new drug application has been submitted to the US FDA. Starpharma has licensed the sales and marketing of VivaGel® BV to ITF Pharma for the US; Mundipharma for Europe, Russia, CIS, Asia, the Middle East, Africa and Latin America; and to Aspen Pharmacare for Australia and New Zealand. Starpharma also has licence agreements to market the VivaGel® condom (an antiviral condom which includes VivaGel® in the lubricant) in several regions, including Australia, Europe, Canada, China and Japan (Okamoto). The VivaGel® condom has been launched in Australia and Canada under the Lifestyles® Dual Protect™ brand.

DEP® - Dendrimer Enhanced Product®: Starpharma's DEP® drug delivery platform has demonstrated reproducible preclinical benefits across multiple internal and partnered DEP® programs, including improved efficacy, safety and survival. Starpharma has two internal DEP® products – DEP® docetaxel and DEP® cabazitaxel - in clinical development in patients with solid tumours, with DEP® irinotecan due to commence clinical trials shortly. Starpharma's partnered DEP® programs include a multiproduct DEP® licence with AstraZeneca, which involves the development and commercialisation of two novel oncology compounds, with potential to add more. In June 2019 Starpharma signed a Development and Option agreement with AstraZeneca to progress a DEP® version of one of AstraZeneca's major marketed oncology medicines.

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Media
WE Buchan Consulting
Rebecca Wilson
Mob: +61 417 382 391
rwilson@we-buchan.com

Arthur Chan
+61 2 9237 2805
arthurc@we-buchan.com

Starpharma
Dr Jackie Fairley, Chief Executive Officer
Nigel Baade, CFO and Company Secretary
+61 3 8532 2704
investor.relations@starpharma.com

Forward Looking Statements

This document contains certain forward-looking statements, relating to Starpharma's business, which can be identified by the use of forward-looking terminology such as "promising", "plans", "anticipated", "will", "project", "believe", "forecast", "expected", "estimated", "targeting", "aiming", "set to", "potential", "seeking to", "goal", "could provide", "intends", "is being developed", "could be", "on track", or similar expressions, or by express or implied discussions regarding potential filings or marketing approvals, or potential future sales of product candidates. Such forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause actual results to be materially different from any future results, performance or achievements expressed or implied by such statements. There can be no assurance that any existing or future regulatory filings will satisfy the FDA's and other authorities' requirements regarding any one or more product candidates nor can there be any assurance that such product candidates will be approved by any authorities for sale in any market or that they will reach any particular level of sales. In particular, management's expectations regarding the approval and commercialization of the product candidates could be affected by, among other things, unexpected trial results, including additional analysis of existing data, and new data; unexpected regulatory actions or delays, or government regulation generally; our ability to obtain or maintain patent or other proprietary intellectual property protection; competition in general; government, industry, and general public pricing pressures; and additional factors that involve significant risks and uncertainties about our products, product candidates, financial results and business prospects. Should one or more of these risks or uncertainties materialize, or should underlying assumptions prove incorrect, actual results may vary materially from those described herein as anticipated, believed, estimated or expected. Starpharma is providing this information as of the date of this document and does not assume any obligation to update any forward-looking statements contained in this document as a result of new information, future events or developments or otherwise.