ASX Announcement

First VivaGel BV launch globally in Australia by Aspen

- **The Australian launch of VivaGel® BV (Fleurstat BVgel) is the first launch globally with further launches to follow in Europe and other regions**
- **Fleurstat BVgel (VivaGel® BV) is marketed in Australia by Aspen**
- **VivaGel® BV is an Australian innovation – a non-antibiotic therapy – which addresses a global unmet medical need**

Melbourne, Australia; 16 April 2019: Starpharma (ASX: SPL, OTCQX: SPHRY) today announced that VivaGel® BV has been officially launched in Australia by Aspen Pharmacare (Aspen) as Fleurstat BVgel. The product has undergone distribution across Australia and is already available in some pharmacies. It will be progressively rolled-out nationally over the coming weeks. This is the first launch of VivaGel® BV in the world and further launches by Mundipharma are expected in Europe in May/June this year.

VivaGel® BV (Fleurstat BVgel) is a novel, non-antibiotic therapy for treatment of bacterial vaginosis (BV) and relief of symptoms. BV is the most common vaginal condition worldwide and twice as common as thrush. VivaGel® BV (Fleurstat BVgel) is an Australian innovation – invented, fully developed and taken through to commercialisation by Starpharma.

BV is a troublesome and often recurrent condition that causes unpleasant vaginal odour and discharge symptoms that have significant social impacts for women. BV has also been associated with a range of other serious reproductive health-related medical problems. Until now, women have only been able to access antibiotic-based treatments for BV, which are only available by prescription from a GP or specialist.

Fleurstat BVgel is a non-antibiotic therapy and is the only BV treatment available over-the-counter (OTC) at pharmacies, without the need for a prescription. Fleurstat BVgel is being marketed in Australia by Aspen.

Aspen's sales and marketing activities will include a series of healthcare practitioner and direct to consumer programs.

Dr Jackie Fairley, Starpharma CEO, commented: "We are very pleased to have achieved the important milestone of first launch of VivaGel® BV in the world, in collaboration with our Australian partner, Aspen. Given this is the first of many launches for this breakthrough BV product globally, this is a very exciting period for the company. VivaGel® BV, marketed in Australia as Fleurstat BVgel, is a real success story for Australian innovation. It's exceedingly rare to have a global healthcare product developed by an Australian company all the way from concept to commercialisation, let alone with the first global launch in Australia".

Rob Barnes, Head of Nutritionals & Consumer OTC, Aspen Australia, commented: "Aspen is proud to be the first company in the world to launch this breakthrough BV product and to make Fleurstat BVgel available to Australian patients. We're delighted to be associated with such an innovative product, especially seeing as it's an Australian discovery. This will be the first time Australian women are able to purchase a BV product over-the-counter in pharmacies".

About VivaGel® BV
VivaGel® BV is a patented, water-based vaginal gel containing the dendrimer, astodrimer sodium (SPL7013). VivaGel® BV has a novel mechanism of action targeting biofilms. It works to treat BV by disrupting the attachment of BV-causing bacteria to the vaginal lining. The original dendrimer technology on which VivaGel® BV is based was discovered by CSIRO.

VivaGel® BV is marketed in Australia by Aspen Pharmacare under the brand name, Fleurstat BVgel. Fleurstat BVgel is for the treatment of bacterial vaginosis (BV) and relief from symptoms. Ask your pharmacist – they must decide if the product is right for you. Always read the label. Follow the directions for use. See your doctor if your symptoms persist or recur, or your condition worsens, as these symptoms may be indicative of another infection, including an STI, and if you consider you may be at risk. If you are planning to be or are currently pregnant or breastfeeding, you should seek advice of your doctor before using Fleurstat BVgel.

VivaGel® BV is a breakthrough product that works rapidly. It is a non-antibiotic therapy and is not absorbed into the bloodstream.

The VivaGel® BV treatment product targets an area of significant unmet medical need in a high-value market (est. US$750M). VivaGel® BV is also approved in Europe for treatment and prevention of recurrent BV, and has been submitted to regulatory authorities in a number of international markets, including the US. Prevention of recurrent BV is another high value market (est. US$1B) for VivaGel® BV.

About Bacterial Vaginosis (BV)
Bacterial vaginosis is the most common vaginal infection worldwide, and twice as common as thrush. It affects around 30% of women in the US. It is a highly recurrent condition with 50-60% of sufferers having it recurrently. BV is caused by an imbalance of naturally occurring bacterial flora (the usual bacteria found in a woman's vagina). Smoking, the use of some hygiene products and several other risk factors are linked to a higher risk of developing BV. BV has been associated with a range of serious medical problems.

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 for treatment and prevention of bacterial vaginosis (BV) and available for sale in Australia for treatment of BV and relief of symptoms. A marketing 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, and further DEP® products approaching clinical development. 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.

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Media
WE Buchan Consulting
Rebecca Wilson
Mob: +61 417 382 391
rwilson@buchanwe.com.au

Arthur Chan
+61 2 9237 2805
achan@buchanwe.com.au

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.