Technology Request

Partner sought for clinical investigation of trans-dermal application in animal health

Summary

German SME developed a very effective, non-invasive veterinary treatment based on trans-dermal application. The company is searching for a partner for veterinary clinical trials for research, technical or joint venture agreement in order to get the pharmaceutical approval of the technology and formulations.

Creation Date	17 June 2015
Last Update	24 June 2015
Expiration Date	23 June 2016
Reference	TRDE20150617001

Details

Description

A Northern German SME developed a novel technology for veterinary treatment. Trans-Dermal Application (in the following TDA) is a non-invasive and contact-free technology that facilitates effective penetration of active substances/molecules through skin layer to reach a target tissue.

The TDA-system is composed of a computer-assisted user interface, an easy to handle applicator and TDA-cartridges with various active substances. The TDA-applicator is guided above the skin in a defined distance without directly touching it, doctors are guided during treatment by the application program.

Several different formulations have already been developed for veterinary treatment. For more information regarding the formulations please refer to table below. The system has two versions: One is applicable for small pets like dogs and cats and another one is applicable to bigger animals like horses or camels.

Formulations:
1. A natural anti-inflammatory agent (drug-free), based on phytopharmaceutical anti-inflammatory substances, such as de-coloured curcuma and ginger.
2. Lymphatic regulation for acute swellings and haematomas.
3. Oligo-structured aminoglucose for the long-term treatment of structural bone and cartilage problems, enriched with anti-inflammatory agents.
4. Blood circulation-enhancing compound of boswellia and other natural ingredients. Stimulates in cases of muscular tension with a long-lasting effect, suitable for preventative treatments.
5. Preventative treatment substance for sport and other active challenges to the locomotory system.

6. Concentrated natural composition for the TDA-treatment of skin disorders, bacterial problems and fungal skin infections
7. Low-molecular hyaluronic acid for the treatment of wound healing problems and skin disorders
8. Diclofenac and low-molecular hyaluronic acid in TDA-carrier substance (anti-inflammatory and regenerative) - not for use on active sport animals
9. Dexamethason in TDA-carrier substance - not for use on active sport animals

The company is searching for a partner for clinical trials in order to get the pharmaceutical approval of the technology and formulations for veterinary treatment. Partner sought should be veterinary clinics or clinical research organizations (CRO). Envisaged are research, technical or joint venture agreements.

Technical Specification or Expertise Sought

Experience with clinical trials in the animal health field

Stage of Development

Field tested/evaluated

Comments Regarding Stage of Development

Technology needs pharmaceutical approval

IPR Status

Patents granted

Comment Regarding IPR status

Europe and USA covered

Keywords

Technology

006001003	Clinical Research, Trials
006001013	Medical Research
007001009	Veterinary Medicine

Market

005002004	Drug delivery and other equipment (including kidney dialysis machines)
005009002	Animal health

NACE

M.75.0.0	Veterinary activities

Dissemination

Send to Sector Group

Healthcare

Client

Type and Size of Organisation Behind the Profile

Industry SME 11-49

Year Established

2009

Turnover

<1M

Already Engaged in Trans-National Cooperation

Yes

Certification Standards

ISO 9001
ISO 13485

Languages Spoken

English
German

Client Country

Germany

Partner Sought

Type and Role of Partner Sought

Veterinary clinics or clinical research organisations (CRO) for clinical investigation/clinical trials

Type and Size of Partner Sought

SME 11-50,University,R&D Institution,>500 MNE,251-500,SME 51-250,>500

Type of Partnership Considered

Technical cooperation agreement
Joint venture agreement
Research cooperation agreement