

ACUTE AND CHRONIC PAIN MODELS

Pharmaseed provides a comprehensive array of translational research and development services, from early-stage R&D to first-in-man. Our state-of-the-art GLP-accredited laboratories and animal facility are well equipped to address the needs of all developmental stages of pharmaceutical, medical device and biotechnology products.

With more than 200 years of accumulated experience in basic and applied scientific research, Pharmaseed is your preferred choice of R&D partner.

EXPERIMENTAL PAIN MODELS

- CHRONIC PAIN
 - POST OPERATIVE PAIN
 - NEUROPATHIC PAIN
 - CHRONIC CONSTRICTION INJURY SCIATIC NERVE LIGATION (BENNET AND XIE)
 - SPINAL NERVE LIGATION (CHUNG)
 - DIABETES-RELATED NEUROPATHIC PAIN
 - CHEMOTHERAPY-INDUCED PERIPHERAL NEUROPATHIC PAIN
 - CISPLATIN-, VINCRISTINE-, TAXOL-INDUCED PAIN
 - INFLAMMATORY PAIN
 - COMPLETE FREUND'S ADJUVANT-INDUCED ARTHRITIC PAIN
 - CARRAGEENIN-INDUCED PAIN
- ACUTE PAIN
 - FORMALIN-INDUCED PAIN
 - ACETIC ACID WRITHING/ VISCERAL-INDUCED PAIN

OUTCOME MEASURES

- PAIN QUALITATIVE CLINICAL SCORE
 - SEVERITY SCORE
- BEHAVIORAL EVALUATION
 - SENSORY MOTOR EVALUATION (VON FREY)
 - INCAPACITANCE TEST
 - HOT PLATE
 - TAIL FLICK
 - PAW PRESSURE
- MORPHOLOGICAL EVALUATION
 - HISTOPATHOLOGY

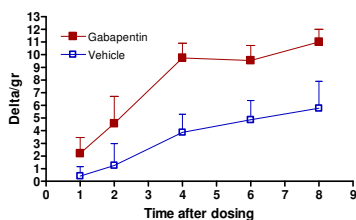


Figure I: Changes in the Responses to stimulating the plantar hind paw with a von Frey hair as a measure of neuropathic pain (Chung neuropathic pain model).

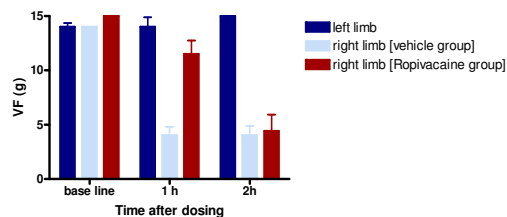


Figure II: Measurement of post operative pain utilizing the Brennan rat model.

CONTACT

Tomer Shemesh, PhD
Business Development Unit

9 Hamazmera St.
Ness Ziona 74047
Israel

Phone: +972-8-9302771 ext. 107
Fax: +972-8-9302773

E-mail: tomer@pharmaseedltd.com

