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簡歴：
臺大獸醫系副教授
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市場及需求:
目前在台灣或是全球，人類與牲畜的退化性關節炎皆具有高盛行率，且處於未來發生率還會持續上升的狀況。而在治療方面，該病症目前尚無具體有效的治療與舒緩疼痛之道。因此，針對退化性關節炎的藥品與保健食品開發市場一直以來皆非常熱絡的。

技術摘要:
利用靈芝與蜂蛋白的調配製劑，透過調解免疫，修復關節、以及增強肌肉等功能來改善動物關節炎的疼痛與行動力。

優勢:
1. 使用目標動物（犬）實驗，服用2~4週後，經獸醫師及飼主評估能有效改善動物之症狀及行動力
2. 經臨床證實無副作用

競爭產品:
1. Antinol®(安適得®)
2. 幹細胞治療

技術簡述:
(1)本研究團隊經過實驗動物的功效驗證與目標動物（犬）的臨床試驗，開發出能有效改善犬退化性關節炎對靈芝複方，透過綜合調節動物的生理功能，達成緩解關節疼痛，修復、與改善行動力的良好效果。

聯絡方式：臺大產學合作總中心，Tel: 02-3366-9945，E-mail: ntuaciac@ntu.edu.tw
The combination of curcumin and clam extract for improving canine osteoarthritis

PI: Prof. Chen-Si Lin
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Experience:
Associate Professor in Department of Veterinary Medicine, National Taiwan U.
Head of Zoonosis Center, College of Agriculture and Bioresources, NTU

Market Needs:
Degenerative arthritis (Osteoarthritis, OA) is a common joint disease in both humans and dogs. Patients with OA report persistent pain and display increased sensitivity to pressure and noxious stimuli in the arthritic joints. At present, there is no cure for OA with available therapeutic approaches and analgesics are prescribed to alleviate the pain associated with this condition. Therefore, developing food supplements to improve OA does meet the market demand.

Our Technology:
The combination of curcumin and clam extract was demonstrated to modulate immunity, improve pain and joint functions to facilitate the activity and life quality of dogs with osteoarthritis.

Strength:
1. The efficiency for improving pain, joint function, and immune-modulation has been demonstrated in both lab animal OA model and canine clinical trials.
2. No side effects were observed in canine clinical trials.

Competing Products:
1. Antinol®
2. Stem cell therapy

Intellectual Properties:
The efficiency and mechanisms of the combination of curcumin and clam extract for improving canine OA have been comprehensively validated.

Contact:
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