

# 專題演講

演講題目：

"Isoxazoline chloride channel blockers as novel ectoparasiticides".

時間：105 年 1 月 5 日下午 2:00

地點：動物疾病診斷中心 108 教室

演講者：徐灝 教授(Dr. Walter Hsu),  
Iowa State University, USA

Abstract: Isoxazolines are a novel class of ectoparasiticides that are potent inhibitors of  $\gamma$ -aminobutyric acid (GABA)-gated chloride channels (GABA<sub>Cl</sub>s) and L-glutamate-gated chloride channels (GluCl<sub>s</sub>).. Afoxolaner (Nexgard®) and fluralaner (Bravecto®) are recently developed isoxazolines that are effective against a number of ectoparasites which include fleas, ticks, and mites. Fluralaner has been shown to effectively treat demodicosis. The clinical pharmacology of chloride channel blockers including isoxazolines will be discussed in this seminar.

聯絡人：獸醫病理所 陳德勛