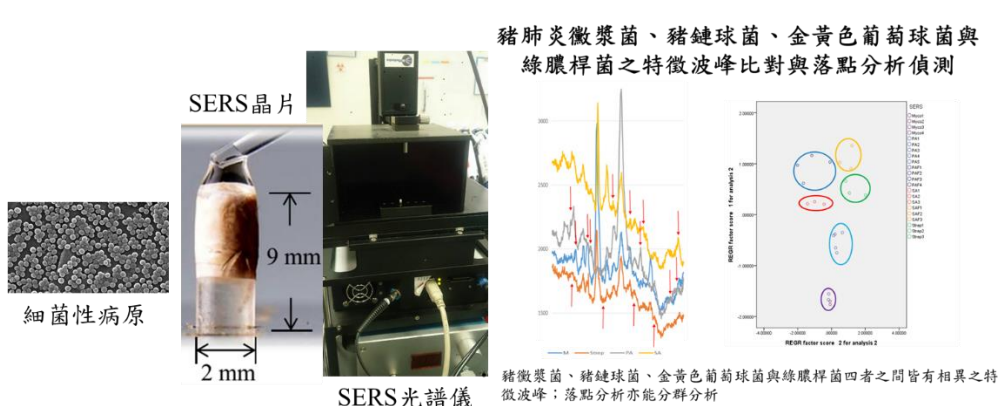


財團法人農業科技研究院 可移轉技術簡介

<p>技術名稱 Technology Term</p>	<p>開發表面共振技術搭配拉曼光譜用於動物病原檢測</p> <p>Development of the Surface-Enhanced Raman Scattering and Raman Spectrum on the Surveillance of Animal Pathogens</p>
<p>技術發明人 Technology Representative</p>	<p>洪紹文 博士</p> <p>Dr. Shao-Wen Hung</p>
<p>技術應用領域 Technology Field</p>	<p>檢測檢驗</p> <p>Detection and test</p>
<p>技術簡介 Technology Description</p>	<p>利用非侵入性即時影像系統，以表面共振效應搭配拉曼光譜，應用於生醫分子偵測系統，發展出新式技術監控動物疾病發生。藉由即時監控可快速且準確地檢測出病原，初步控制疾病的散播，減少經濟上的損失。</p> <p>Using a non-invasive real-time surveillance system, the surface-enhanced Raman scattering (SERS) and Raman spectrum, was applied to the biomedical molecular detection system, and a new technology is developed to monitor animal diseases. Real-time detection applied with SERS can quickly and accurately detect pathogens that initially control the spread of disease and reduce economic losses.</p>
<p>授權方式 Agreement Term</p>	<p>10 年非專屬授權。</p> <p>授權地區為台灣與境外使用。</p> <p>Non-Exclusive License Agreement for 10 years. Authorized areas included Taiwan and worldwide.</p>
<p>技轉相關圖/表</p>	<p>表面共振技術搭配拉曼光譜用於動物病原檢測</p> <div style="text-align: center;">  <p>豬肺炎微漿菌、豬鏈球菌、金黃色葡萄球菌與綠膿桿菌之特徵波峰比對與落點分析偵測</p> <p>豬肺炎微漿菌、豬鏈球菌、金黃色葡萄球菌與綠膿桿菌四者之間皆有相異之特徵波峰；落點分析亦能分群分析</p> </div>
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