

高雄醫學大學 111 學年度 第一學期 教師專業成長社群期末成果資料表

社群名稱	微免基礎研究跨科社群(延續計畫)		
召集人	張玲麗	學院別	微生物暨免疫學科
社群主題 介紹 (200 字內)	<p>本團隊主要研究主題分為三部分，第一部份為誘導糖尿病老鼠模式探討在交感神經、副交感神經與中樞神經的離子之變化，以及給予其動物特定控制血糖或血脂的藥物治療後生理監測儀器測量老鼠的交感與副交感神經的病變化以及在神經組織的離子通道改變。第二部份為建立一個比以往更方便、快速、穩定的神經結紮/損害之動物手術平台，並比較舊式與新式的動物模式在發炎的誘導中周邊神經組織的穩定度及發炎程度的差異。第三部份為纖維細胞在周邊神經受損、創傷後引發的神經性疼痛中所扮演的角色。</p>		
活動概要 (300 字內)	<p>藉由 routine journal club and literature review sessions 來積極鼓勵並增進團隊對於研究主題及周邊相關知識的了解。每次集會也包括對於團隊成員的實驗計劃的結果及進度上的討論。所有實驗及討論皆以文章發表及國際會議報告為目標。因應 COVID-19 疫情影響，部分會議為現場+Google Meet 之 hybrid 模式為主。</p>		
本期成果 (請依社群 特色及目 標列舉， 300 字內)	<ol style="list-style-type: none"> 1. Cheng, K.-I., Wang, H.-C., Tseng, K.-Y., Wang, Y.-H., Chang, C.-Y., Chen, Y.-J., Lai, C.-S., Chen, D.-R., & Chang, L.-L. (2022). Cilostazol Ameliorates Peripheral Neuropathic Pain in Streptozotocin-Induced Type I Diabetic Rats. <i>Frontiers in Pharmacology</i>, 12, 771271. 2. Tseng, K.-Y., Wang, H.-C., Cheng, K.-F., Wang, Y.-H., Chang, L.-L. & Cheng, K.-I. (2022). Sciatic Nerve Intrafascicular Injection Induces Neuropathy by Activating the Matrix Modulators MMP-9 and TIMP-1. <i>Frontiers in Pharmacology</i>, 13, 859982. 3. [Manuscript in progress] Tseng, K.-Y., Wang, H.-C., Wang, Y.-H., Chang, L.-L. & Cheng, K.-I. (2022). Cilostazol ameliorates hyperglycaemia-induced epidermal afferent nerve damages in streptozotocin-induced type-I diabetic rats. <i>Frontiers in Neurobiology</i>. 		
活動照片	 <p>The first photograph shows a meeting in progress. A person is seated at a desk in the foreground, facing a large projection screen. The screen displays a diagram of a neural pathway with green and red highlights. The room has a whiteboard and other office equipment.</p> <p>The second photograph shows a group of nine people standing in a room, likely a meeting room or a common area. They are dressed in casual business attire. Some are holding small objects, possibly awards or tokens. They are all smiling and appear to be in a positive mood.</p>		