



Laboratory of Neuropathology 神經病理實驗室

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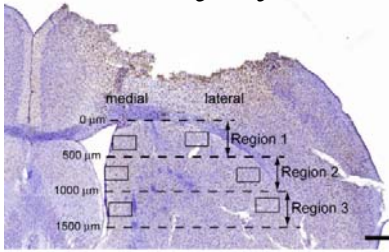
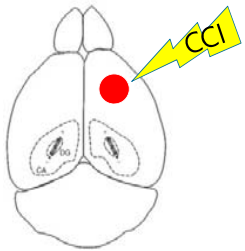
研究主軸:

探討大腦損傷後神經發炎 (neuroinflammation) 與神經新生 (neurogenesis) 之交互作用，及其在神經系統疾病進程中的角色。我們關注海馬迴神經新生型態異常、丘腦功能失調 (diaschisis)、以及嗅覺與認知功能受損等現象，並進一步研究神經膠細胞介導之病理機轉。透過動物模式的建立與組織、分子層次及動物行為觀察分析，釐清神經迴路重塑與行為功能缺損的機轉，尋找潛在治療標的。

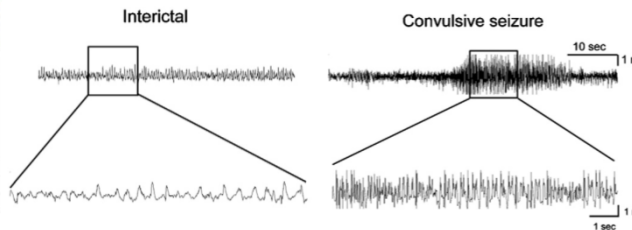


Animal models:

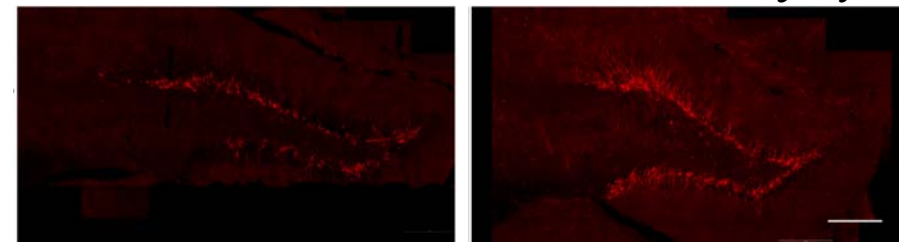
-Traumatic brain injury



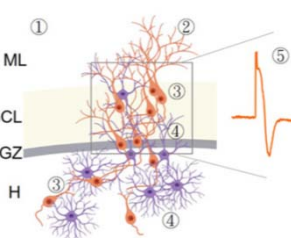
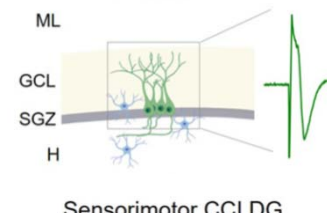
-Temporal lobe epilepsy



Aberrant adult neurogenesis and neuroinflammation after brain injury



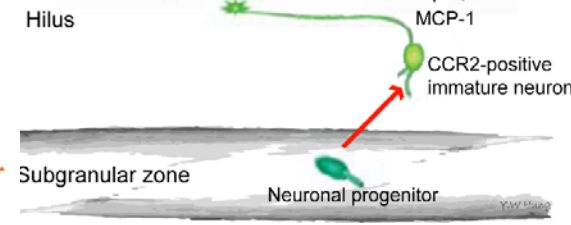
Normal DG



Resting microglia



Reactive microglia



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