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基于非靶向代谢组学的APP/PS1小鼠与认知功能障碍相关的生物标志物发现及黄连解毒汤干预机制研究

中枢神经炎症可增加罹患阿尔茨海默病风险。基于非靶向代谢组学技术,发现APP/PS1小鼠脑组织及外周血清中代谢轮廓发生显著变化,以前列腺素及白三烯等为代表的差异内源性代谢物与炎症密切相关,且中枢和外周之间存在关联。清热解毒经典方剂黄连解毒汤可调节中枢及外周的花生四烯酸代谢途径,改善能量、脂肪酸和氨基酸代谢,实现对阿尔茨海默病中枢炎症的有效干预。

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