Findings on three key proteins have implications for dementia, heart patients

**Associate Professor Guillaume Thibault**

"We know there are missing components in our understanding, and we want to discover that. We think we have built foundational knowledge that is sufficient to answer the question of how neurons distribute cholesterol, which is an age-old mystery."

**AGE-OLD MYSTERY**

Prof Thibault, who specializes in cell biology and neuroscience, said: "Modern medicine has introduced drugs to reduce cholesterol, which is an essential part of the cell, such as in the cell membrane. Understanding how these drugs work could help us develop new therapeutic strategies targeting atherosclerosis and cardiovascular diseases." He added that while there is no cure for Alzheimer's disease, "we are always looking for a therapeutic strategy that can slow the progression of the disease."