

Mechanism of herb-drug interaction

Primary Supervisor: Dr Suong Ngo

Email: suong.ngo@adelaide.edu.au

Phone: 8303 0660

The effects of St John's Wort (SJW) on membrane transport. The project examines the molecular mechanism by which SJW changes the way the body handles conventional medicines, particularly examining the factors responsible for drug up-take and handling along different regions of the intestines, the liver and kidneys. The project involves extraction and quantification of active constituents of SJW, animal studies, and analyses of CYP3A protein and mRNA expression utilising molecular biology techniques.