

Destiny L. D. Proffett (Research Technician)

In addition to the expression and purification of P450 enzymes, work is being done on the binding of ligands to fatty acid binding protein 1 (FABP1). The protein (F) has two binding sites for ligands (S), and occupancy of one with a fluorescent ligand such as DAUDA (D, 11-dansylundecanoic acid) allows for quantification of binding to the second site. These analyses are being extended to more hydrophobic P450 substrates, including drugs, steroids, and carcinogens.

