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Current efforts include preparation of enzymes, LC-MS analyses, and maintenance of equipment. Research also involves new efforts on some of the human mitochondrial P450s (11B1, 11B2, and 27C1), which utilize the electron transfer proteins adrenodoxin and NADPH-adrenodoxin reductase. We are also interested in the kinetics of binding of substrates to several mitochondrial and microsomal P450s, as well as the basis for the selective loss of catalytic activity of P450 17A1.

