

## The Muscatine Study

IRB# 2001-029

Principal Investigator: Ed Lammer, MD

### Synopsis:

The Muscatine Study has collected blood samples for DNA preparation in about 900 subjects for future studies of genotypes related to the development of atherosclerotic disease. These bloods were all collected from individuals who participated in the initial childhood screenings carried out many years ago as well as currently, in their adult life. Over the past 6 years, these subjects have all participated in three NIGM funded studies of the measurement of carotid artery intima-media thickness, coronary artery calcification, and brachial artery flow-mediated vasodilation. These non-invasive studies of the early atherosclerotic process have been shown to relate to childhood cardiovascular risk factors measured both during childhood and in adulthood in the Muscatine Study.