

## Bindu Prabakhar Statement

My work in Dr. Theodore Rasmussen's lab focuses on the production and hepatic differentiation of induced pluripotent stem cells (iPSCs), a potential source of patient specific tissues, which is used to test personalized responses of toxicants/drugs. Induced pluripotent stem cells also serve as a platform to better understand the effects of teratogens (a drug/substance that might lead to birth defects or developmental malformations) on the growing embryo fetus using embryoid bodies produced from the iPSCs.