

Final Project Figures

Figure 2: 10mg/kg single oral dose plasma AUC over time

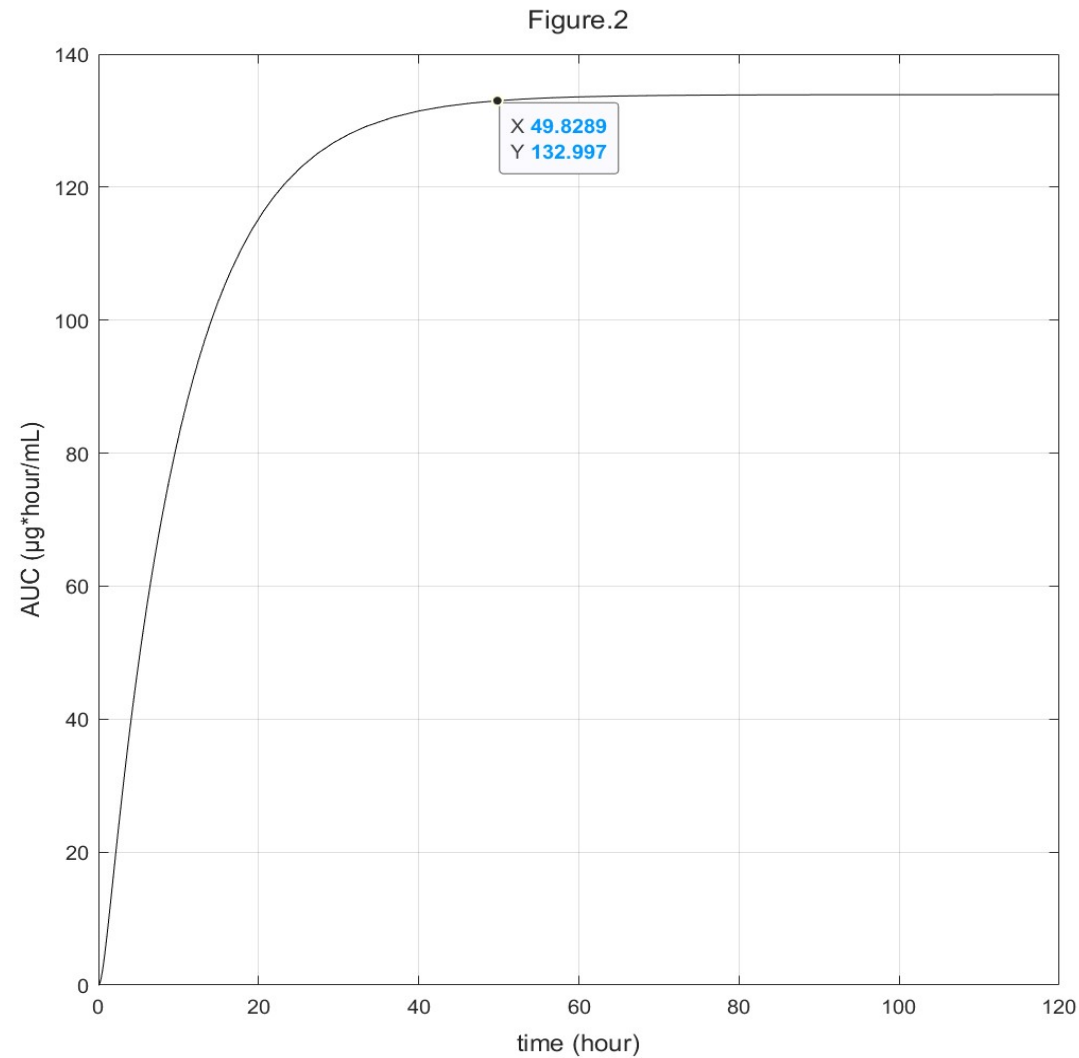


Figure 3: 10mg/mL and 15mg/kg oral bolus dose
Rifampin concentrations over time in mouse plasma

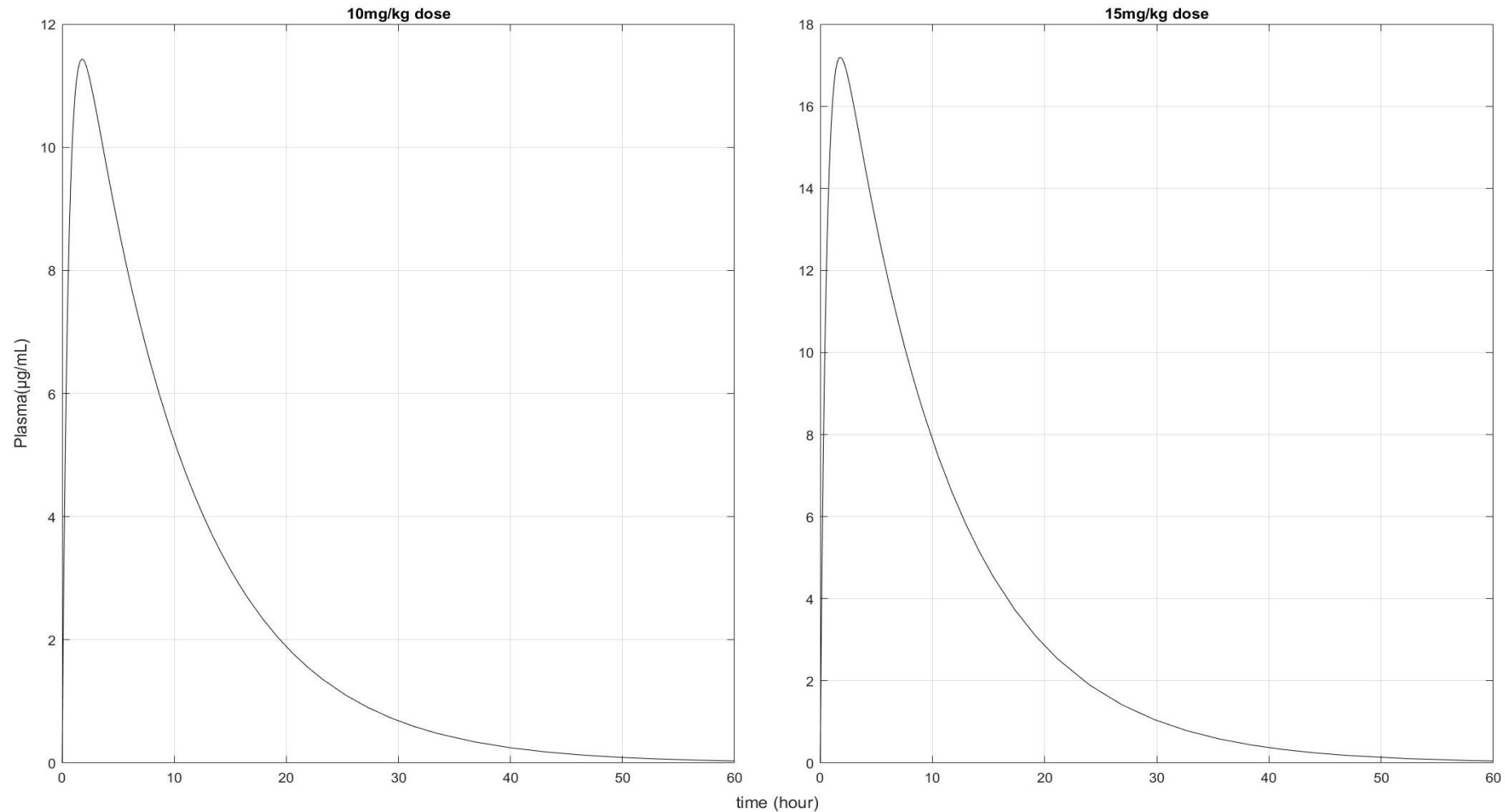


Figure 4: 10mg/mL oral bolus dose Rifampin concentrations over time in mouse plasma, lung, liver, and kidney

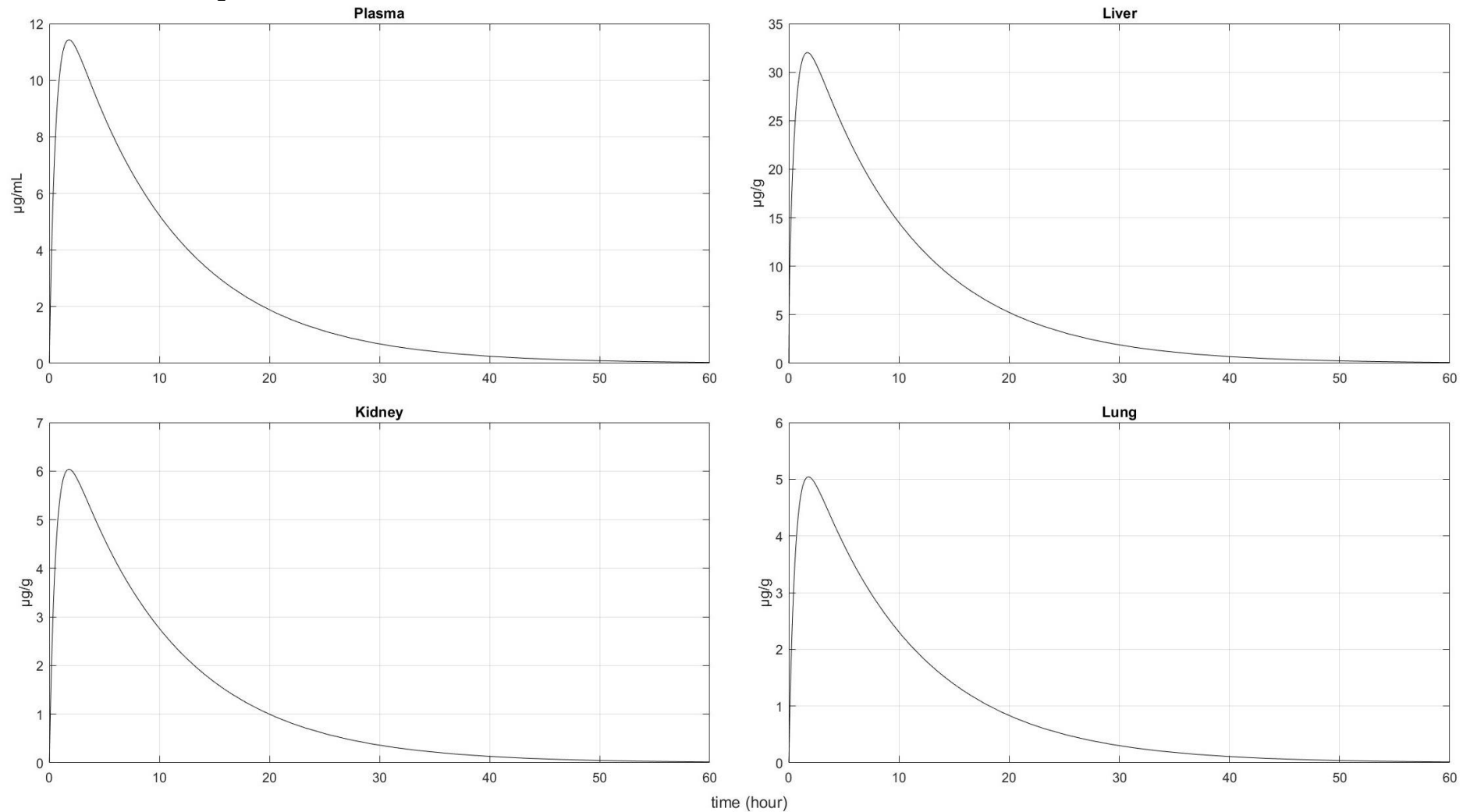


Figure 5: 10mg/mL 24 thrice repeated oral bolus dose
Rifampin concentrations over time in mouse plasma and
liver

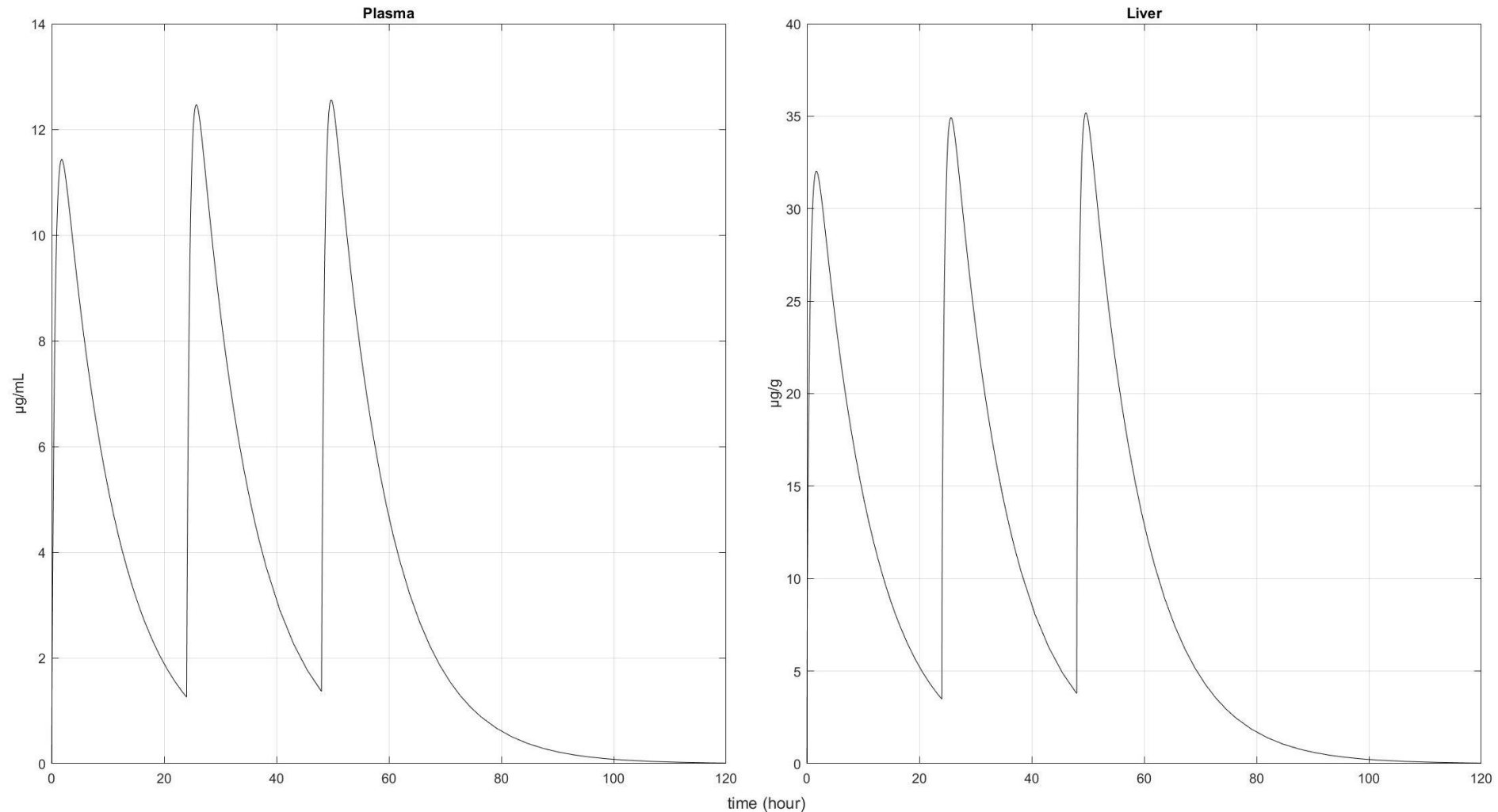


Figure 6: 10mg/mL, 20mg/kg, and 40mg/kg oral bolus dose Rifampin concentrations over time in mouse plasma

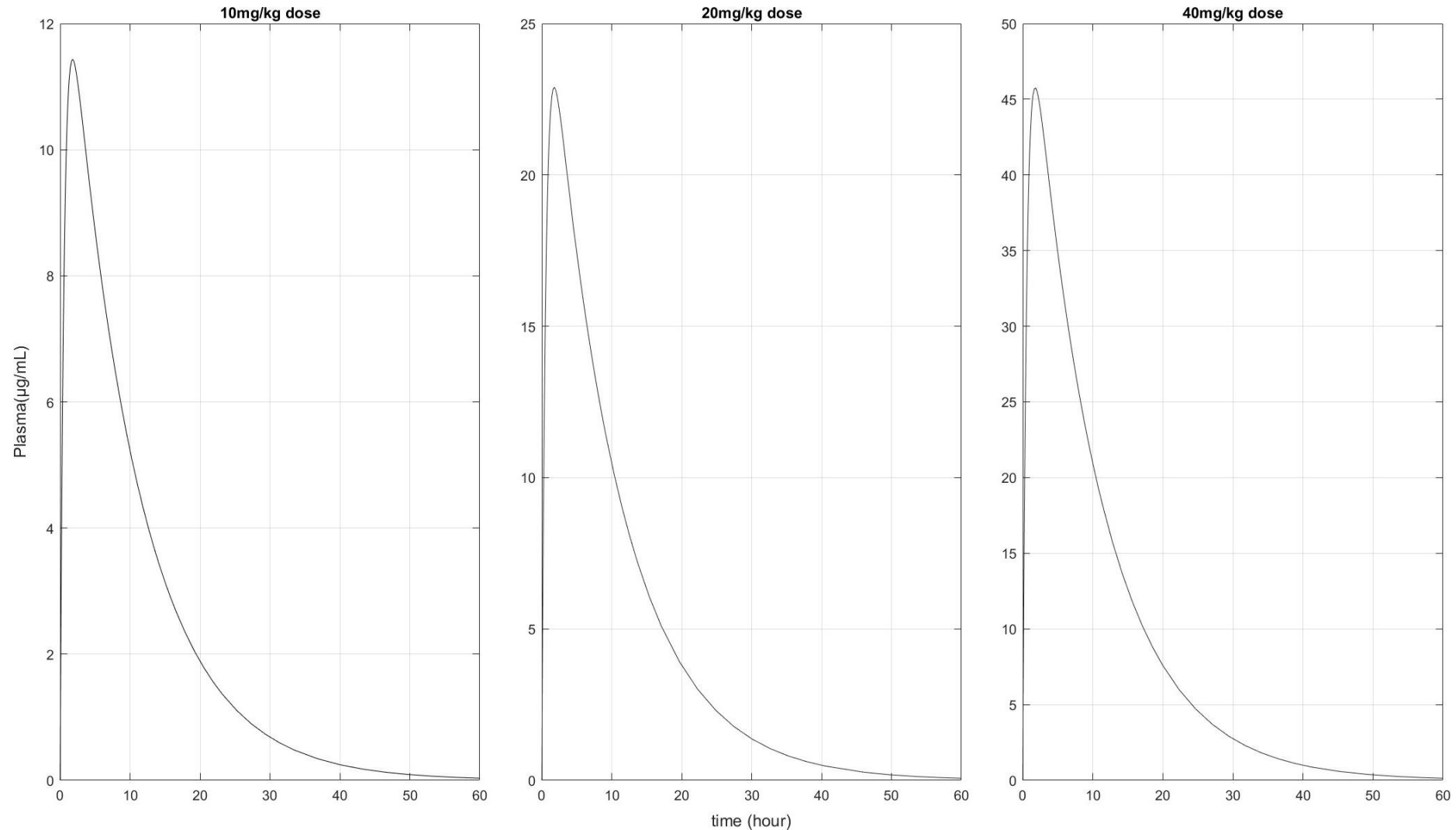


Figure 7: 10mg/mL baseline plasma Rifampin concentration over time with a 50% increase and decrease in PM

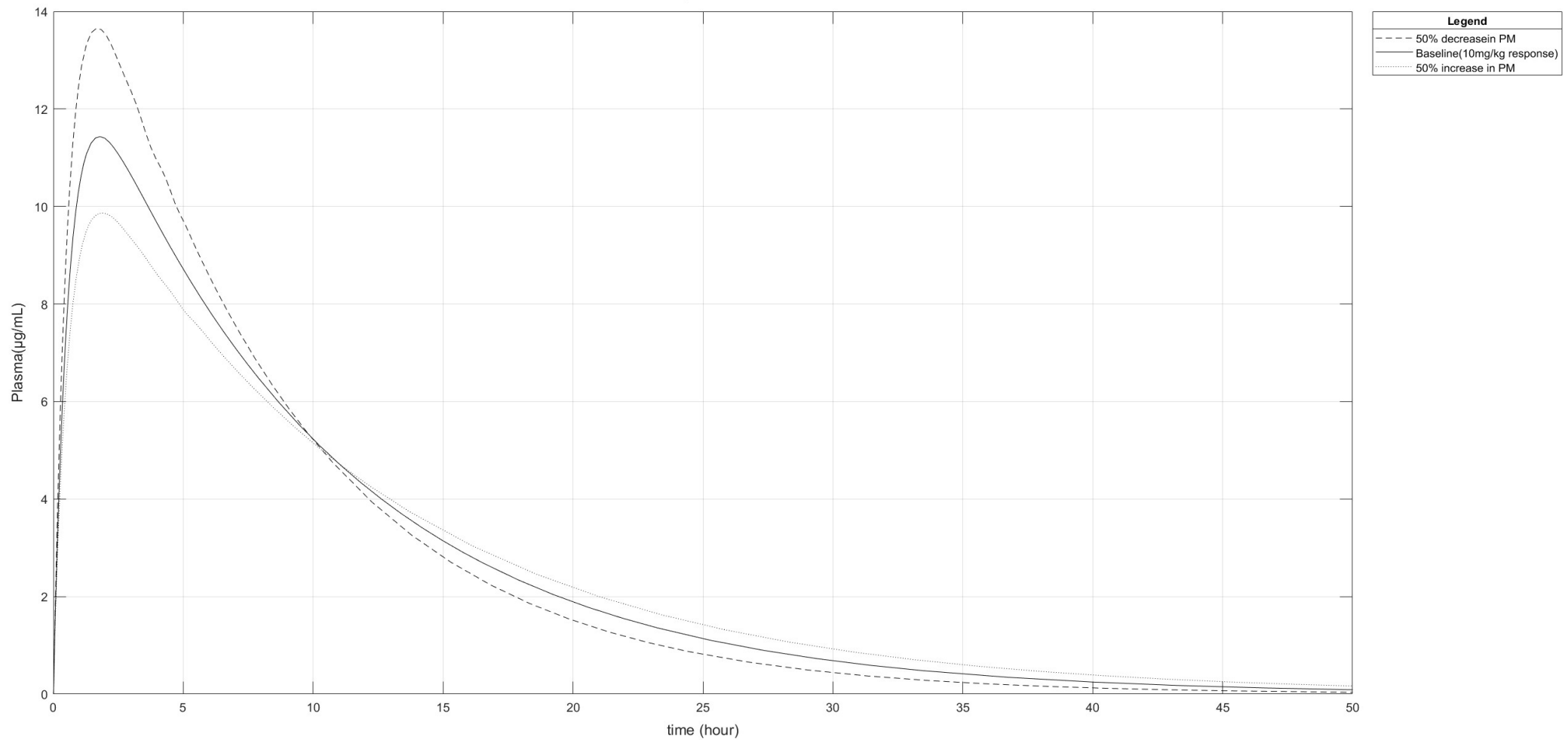


Figure 8: 10mg/mL baseline plasma Rifampin concentration over time with a 50% increase and decrease in absorption rate(k_a)

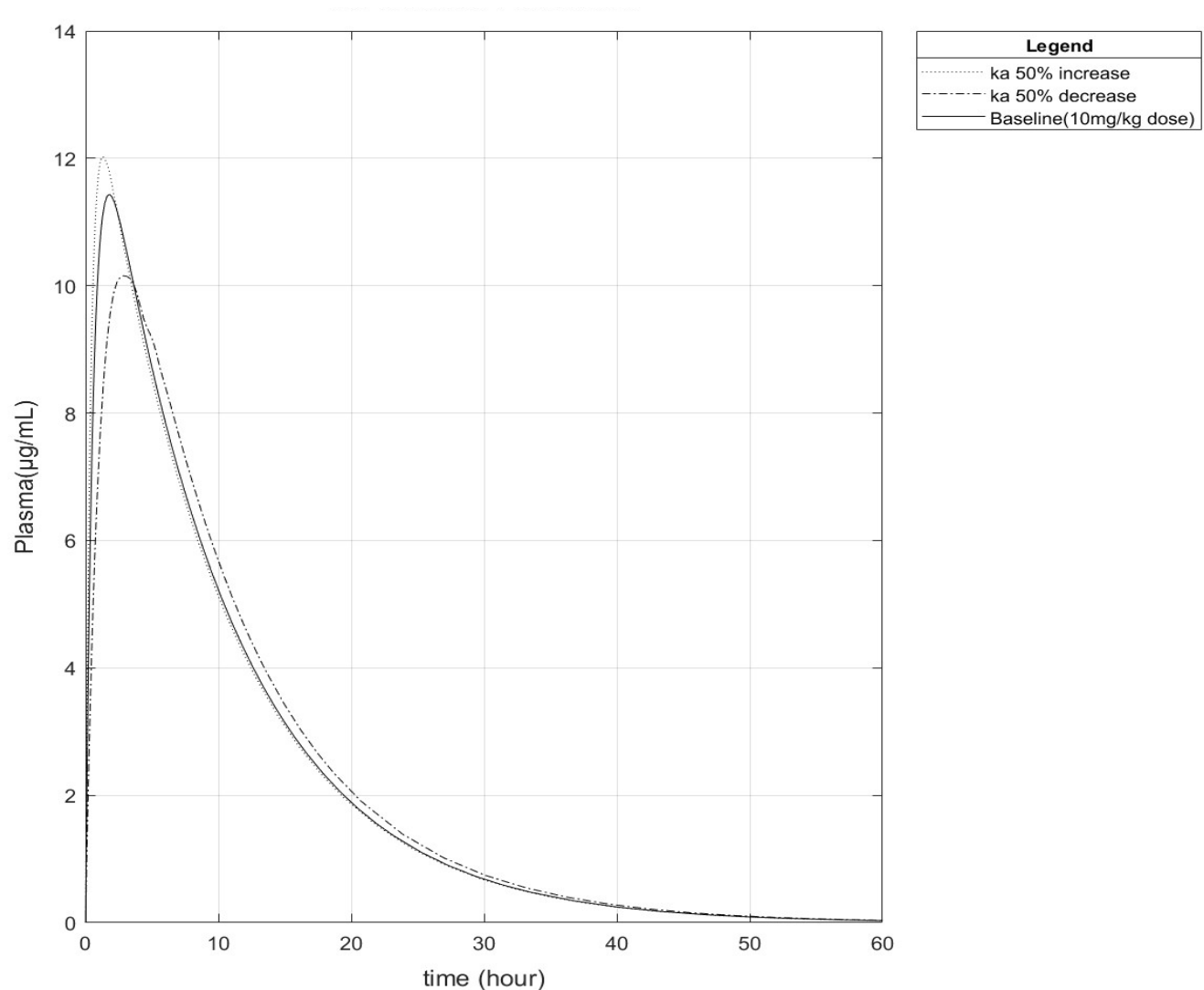


Figure 9: 10mg/mL baseline plasma Rifampin concentration with a 50% increase and decrease in clearance rate(CL)

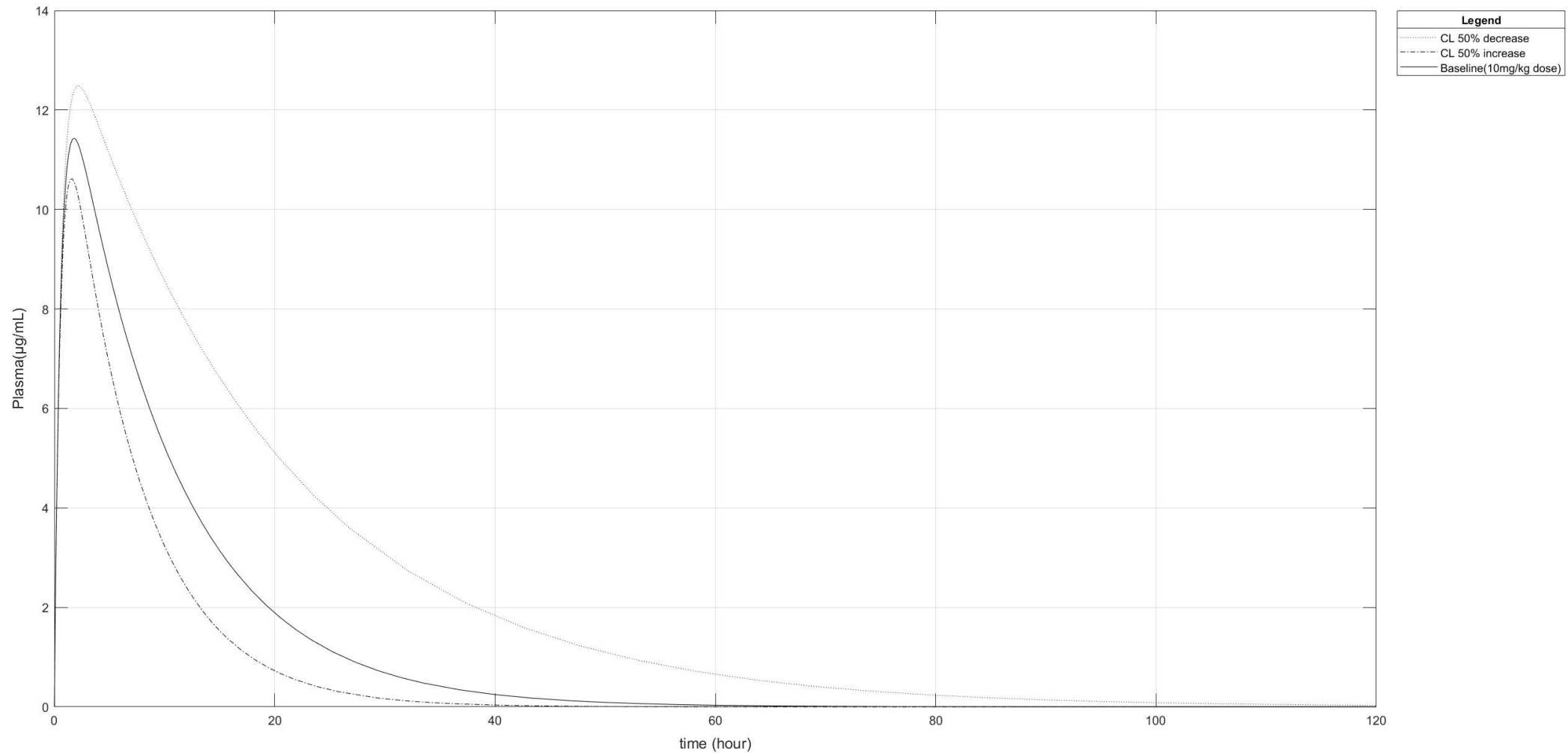


Figure 10: 10mg/mL baseline mouse plasma Rifampin concentration with a 50% increase and decrease in Bioavailability(F_a)

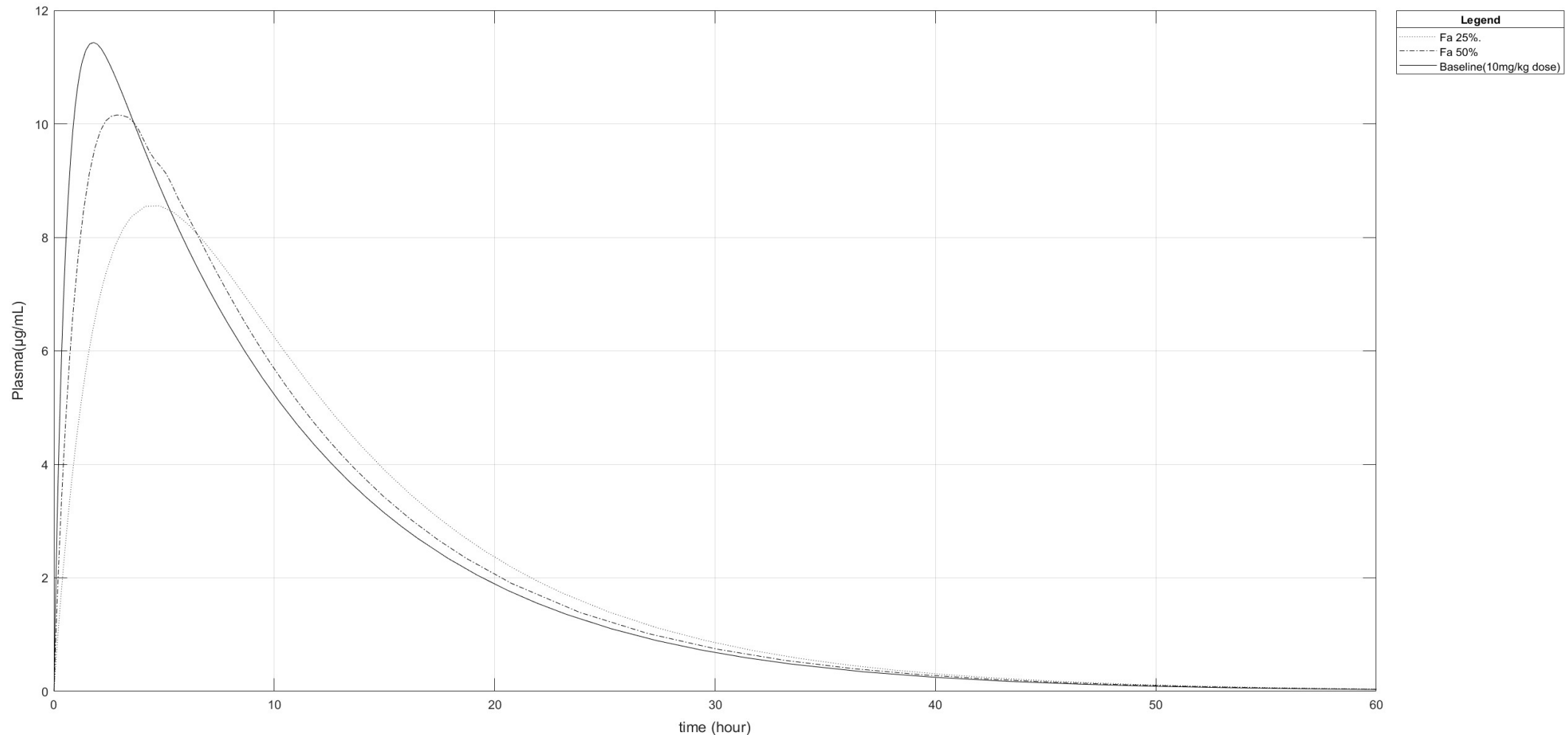


Figure 11: Pearson correlation coefficients between sensitive parameters and 10mg/kg dose of rifampin plasma concentration as a function of time

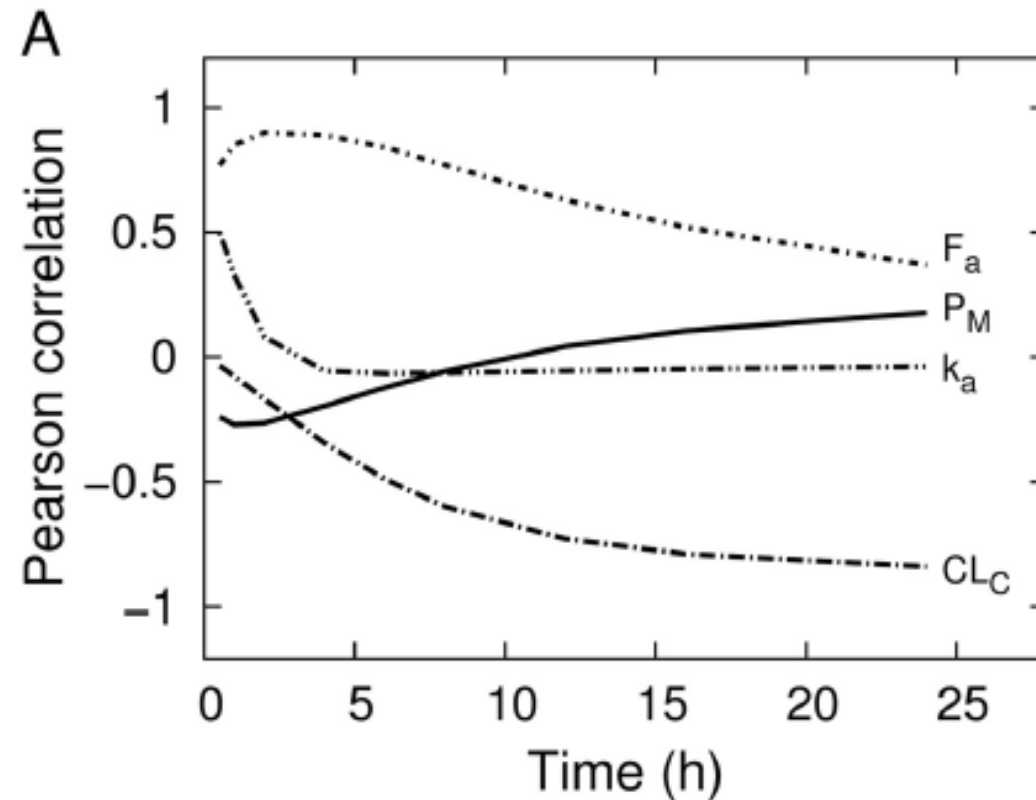


Figure 12: 10mg/mL IV bolus dose Rifampin concentrations in mouse plasma, lung, liver, and kidney

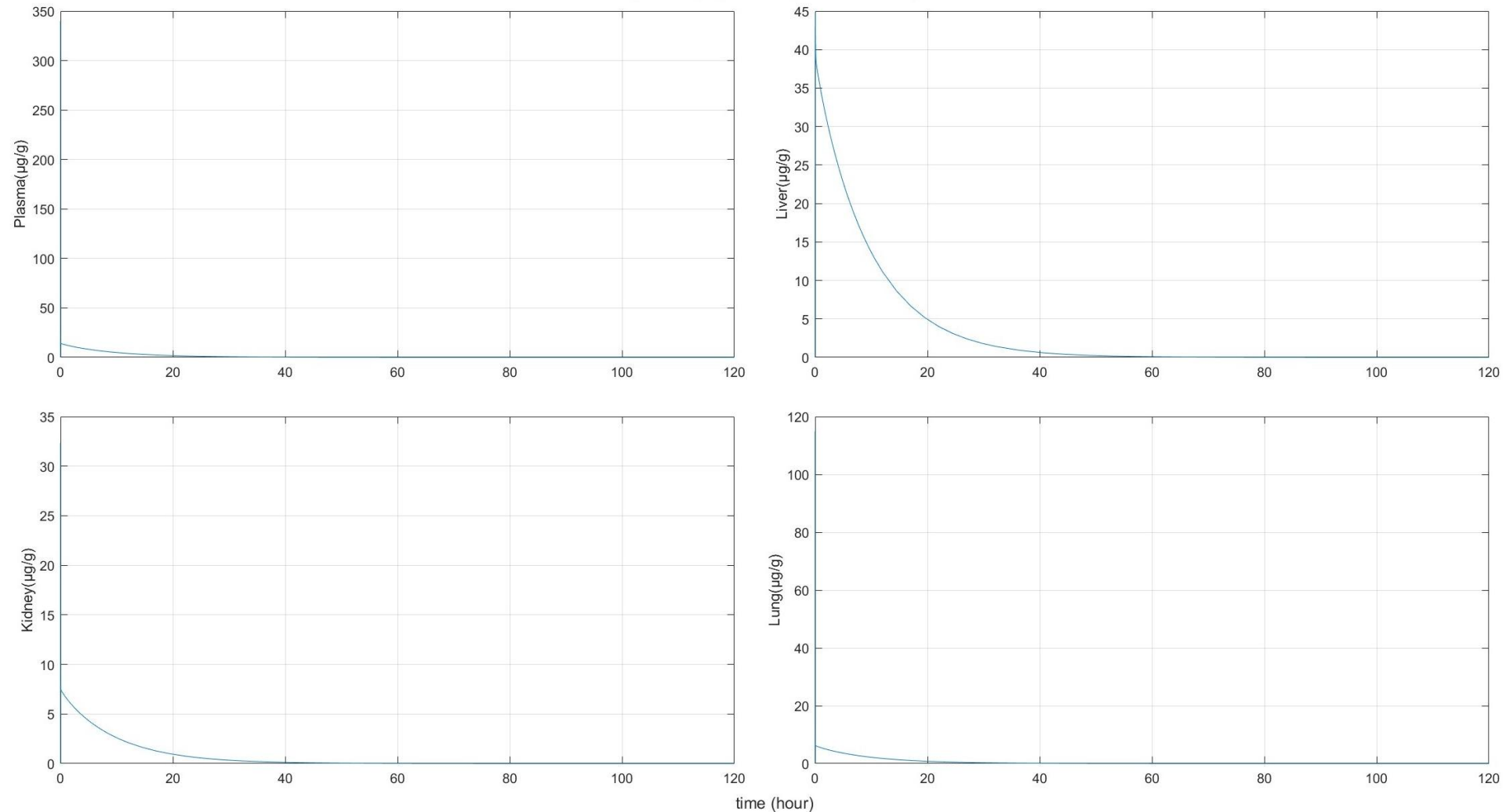


Figure 13: 10mg/mL repeated IV bolus dose Rifampin concentrations in mouse plasma and liver

