Tamoxifen and Mefloquine Combination Time: 24 Hours Time: 24 Hours 30 Tamoxifen Concentration (µM) Excess over CDA Observed Tamoxifen and 0.248-GoF p-value = 0.509; $\rho = -0.05$ 0.72 1.52 3.04 4.96 0.5 15.04 24.96 40 90 Mefloquine Concentration (μ M) Estimate for Tamoxifen and Mefloquine Viability **Tamoxifen and Mefloquine Combination** Time: 12 Hours Time: 12 Hours Time: 12 Hours C D Viability 06 30 Tamoxifen Concentration (µM) $2.79 \, \mu M$ **Excess over CDA** 1.11 μ M 1.91 μ M 2.39 μ M 3.43 μ M 5.35 μ M 6.78 μ M 3.04- $0.74 \,\mu\text{M}$ $0.96 \,\mu\text{M}$ $1.76 \,\mu\text{M}$ $2.24 \,\mu\text{M}$ $3.28 \,\mu\text{M}$ Tamoxifen os 2- $0.66 \, \mu \text{M}$ $0.88 \, \mu \text{M}$ $1.68 \, \mu \text{M}$ $2.16 \, \mu \text{M}$ $2.55 \, \mu \text{M}$ $2.9 \, \mu \text{M}$ $3.82 \, \mu \text{M}$ $4.74 \, \mu \text{M}$ $6.54 \, \mu \text{M}$ $9.28 \, \mu \text{M}$ 1.24 μM 1.32 μM $0.63 \,\mu\text{M}$ $0.78 \,\mu\text{M}$ $0.86 \,\mu\text{M}$ $1.05 \,\mu\text{M}$ 1.4 μΜ 2.32 μΜ 3.24 μΜ 5.04 μΜ 7.78 μΜ 0.248- $0.38 \,\mu\text{M}$ $0.52 \,\mu\text{M}$ $0.61 \,\mu\text{M}$ $0.8 \, \mu M$ 1.15 μ M 2.07 μ M 2.99 μ M 4.79 μ M 7.53 μ M 3.04 4.96 10 15.04 24.96 0.72 1.52 Mefloquine Concentration (μ M) 0.248-GoF p-value = 0.087; $\rho = 0.12$ Tamoxifen Equivalent Dose 0.5 0.72 1.52 2 3.04 4.96 10 15.0424.96 40 100 Estimate for Tamoxifen and Mefloquine Viability Mefloquine Equivalent Dose Mefloquine Concentration (μ M) **Tamoxifen and Mefloquine Combination** Time: 48 Hours Time: 48 Hours Time: 48 Hours H Observed Tamoxifen and Mefloquine Viability 1.77 μ M 2.25 μ M 3.29 μ M 30 Concentration (μ M) Tamoxifen Concentration (µM) 1.6 μ M 2.08 μ M 3.12 μ M 5.04 μ M 10.08 μ M $0.8 \, \mu M$ **Excess over CDA** 1.56 μ M 2.04 μ M 3.08 μ M 30 $3.04 - 0.52 \,\mu\text{M}$ $0.74 \,\mu\text{M}$ $1.54 \,\mu\text{M}$ $2.02 \,\mu\text{M}$ $3.06 \,\mu\text{M}$ $3.28 \,\mu\text{M}$ $3.53 \,\mu\text{M}$ $3.78 \,\mu\text{M}$ 20 10 3.04 2- 0.52 μM 0.74 μM 1.54 μM 2.02 μM 2.15 μM 2.24 μM 2.49 μM 2.74 μM 3.22 μM 3.96 μM $1.03 \, \mu M$ 1.06 μM $0.54~\mu\text{M}$ $0.57~\mu\text{M}$ $0.65~\mu\text{M}$ $0.65~\mu\text{M}$ $0.74~\mu\text{M}$ $0.99~\mu\text{M}$ $1.24~\mu\text{M}$ $1.72~\mu\text{M}$ $2.46~\mu\text{M}$ 0.96 0.248- $0.4 \,\mu\text{M}$ $0.49 \,\mu\text{M}$ $0.74 \,\mu\text{M}$ $0.98 \,\mu\text{M}$ $1.47 \,\mu\text{M}$ $2.21 \,\mu\text{M}$ $0.28 \,\mu\text{M}$ $0.32 \,\mu\text{M}$ $0.35 \,\mu\text{M}$ 0.72 1.52 3.04 4.96 10 15.04 24.96 Mefloquine Concentration (μ M) 0.248-GoF p-value = 0.097; ρ = 0.02 Tamoxifen Equivalent Dose 0.5 0.72 1.52 2 3.04 4.96 10 15.0424.96 40 100 Mefloquine Concentration (μ M) Estimate for Tamoxifen and Mefloquine Viability Mefloquine Equivalent Dose