Colchicine AtoB BtoA p_1.1. p_2.1. 10.0 20 20 -7.5 Blood 10 10 5.0 -0 2.5 --10 Concentration (uM) 0.0 -10 50 -20 40 --20 -30 Value 30 -Cell p_3.1. p_4.1. 20 -10-20 20 -10 10.0 10 0 7.5 Lumen -10· 5.0 0 2.5 -20 -10 0.0 --30 12 16 20 24 12 16 20 24 2500 5000 7500 10000 2500 5000 7500 10000 0 8 8 0 Time Iteration 10² MAD = 0.11, Rho = 0.89 1.012 p_4 Predicted concentration 10¹ 1.013 Parameter 5^{-d} 2 Addition.Type AtoB 1.004 BtoA p_2 10⁰ -Compartment 1.003 p_1 Lumen 10^{-1} 10⁻² 10^{-1} 10⁰ 10⁻⁴ 10² 10⁶ 10¹⁰ 10¹ 10² 10⁰ 10⁴ 10⁸ **Experimental concentration** Value (cm/hr)