Tumor growth dynamics in xenograft mice
bearing different human tumor cell lines

Additional material for "*Modeling of tumor growth and anticancer effects of combination therapy (G. Koch, A. Walz, G. Lahu, J. Schropp)*".

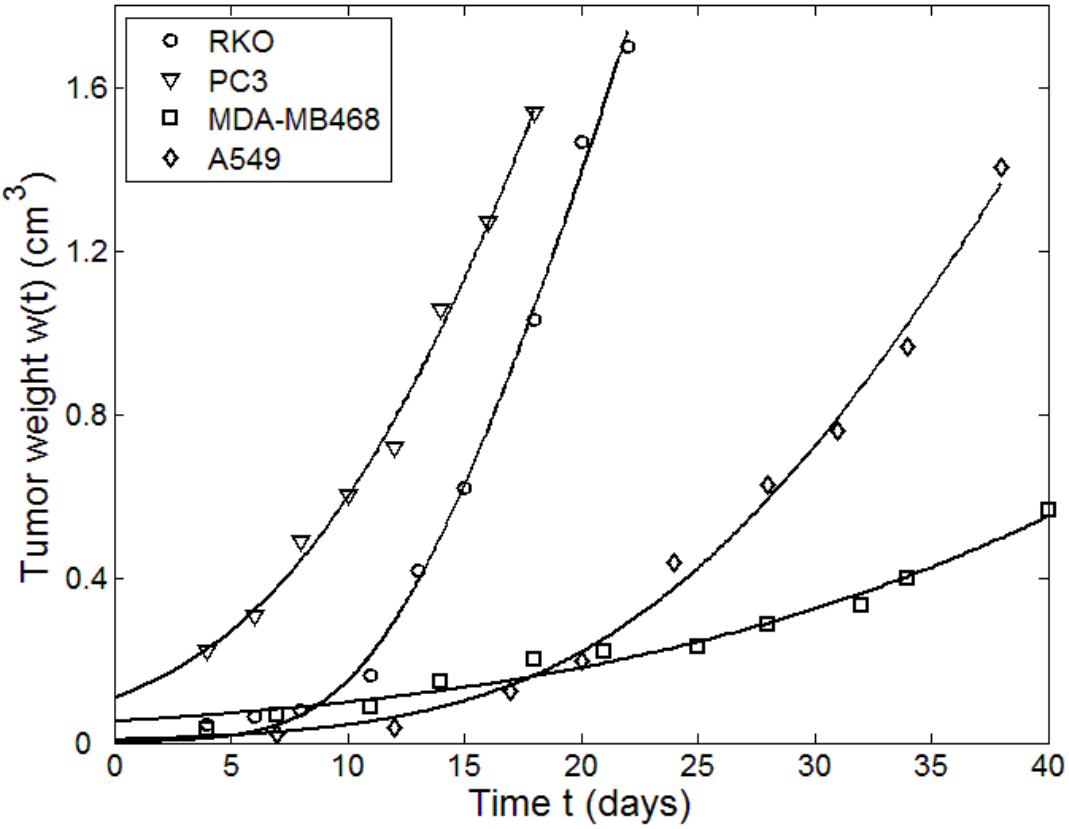

Figure. Tumor growth data of control xenograft mice fitted with the nonlinear growth function: The unperturbed tumor growth profile (solid lines) were obtained by fitting the parameters in (Eq. 2) to the observed tumor growth data (symbols) of control xenograft mice bearing different human cancer cell lines.

Table. Estimated pharmacodynamic parameters (%CV) of various untreated human cancer cells.

Parameter	**Human cancer cell lines**			
	RKO	**PC3**	**MDA-MB468**	**A549**
λ_0 [1/days] (%CV)	2.50E-1 (32.4)	1.04E-1 (27.8)	3.36E-2 (29.8)	9.30E-2 (27.1)
λ_1 [cm^3/days] (%CV)	2.23E-1 (18.3)	2.75E-1 (43.6)	1.04E-1 (>100)	1.39E-1 (30.6)
w_0 [cm^3] (%CV)	1.44E-3 (>100)	1.10E-1 (28.7)	5.21E-2 (26.2)	7.15E-3 (93.5)
MSE[a)]	2.34E-3	1.91E-3	7.55E-4	2.06E-3
R^2 [b)]	9.96E-1	9.94E-1	9.76E-1	9.93E-1

[a)] Mean squared error.

[b)] Coefficient of determination.