

Supplementary Materials

Weibull model and Korsmeyer-Peppas model data

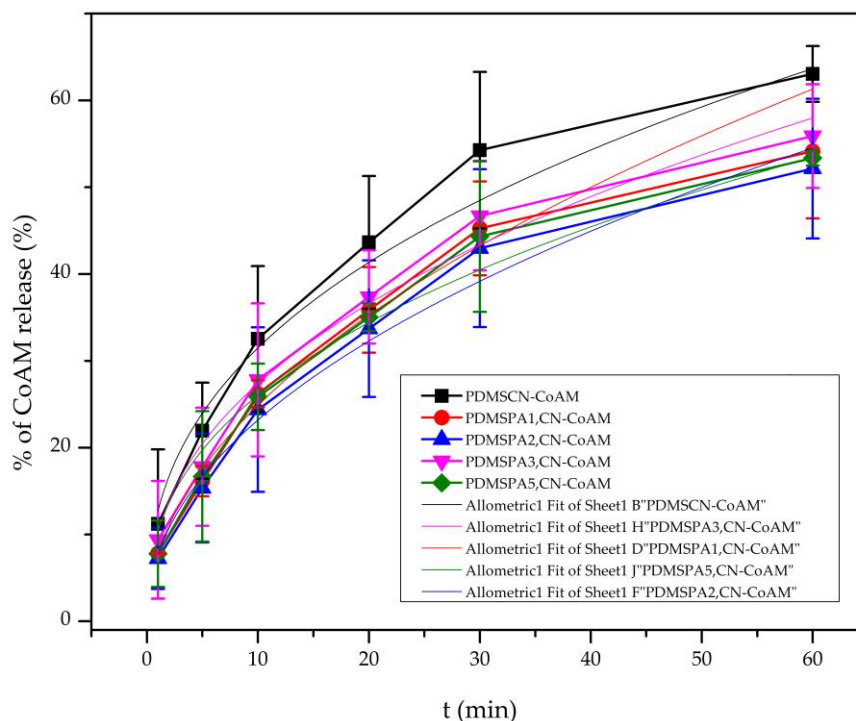


Figure S1. Time dependent change in the percentage of the released incorporated drug with Weibull model fitting graph.

Table S1. Weibull model fitting data.

Model	ExpDec				
Equation	$y = A1 \cdot \exp(-x/t1) + y0$				
Reduced Chi-Sqr	1.92182	2.29953	1.00015	1.82172	2.72962
Adj. R-Square	0.94070	0.97292	0.97202	0.96527	0.98618
		Value	Standard Error		
PDMS _{CN} -CoAM	y0	100.06891	4.78741		
	A1	-74.48291	5.65544		
	t1	115.83608	25.00505		
	k	0.00863	0.00186		
	tau	80.29145	17.33218		
PDMS _{PA1, CN} -CoAM	y0	84.51165	4.66911		
	A1	-78.74108	4.63205		
	t1	37.88751	5.52422		
	k	0.02639	0.00385		
	tau	26.26162	3.82910		
PDMS _{PA2, CN} -CoAM	y0	98.15534	4.03156		
	A1	-87.12768	4.69160		
	t1	124.53892	21.81387		

PDMS _{PA3} , CN-CoAM	k	0.00803	0.00141
	tau	86.32380	15.12022
	y0	101.20670	2.73233
	A1	-80.19450	4.59340
	t1	142.04842	18.26431
PDMS _{PA5} , CN-CoAM	k	0.00704	9.05170×10^{-4}
	tau	98.46046	12.65985
	y0	99.61290	1.62852
	A1	-80.43160	3.61425
	t1	109.90672	11.42621
	k	0.00910	9.45919×10^{-4}
	tau	76.18153	7.92005

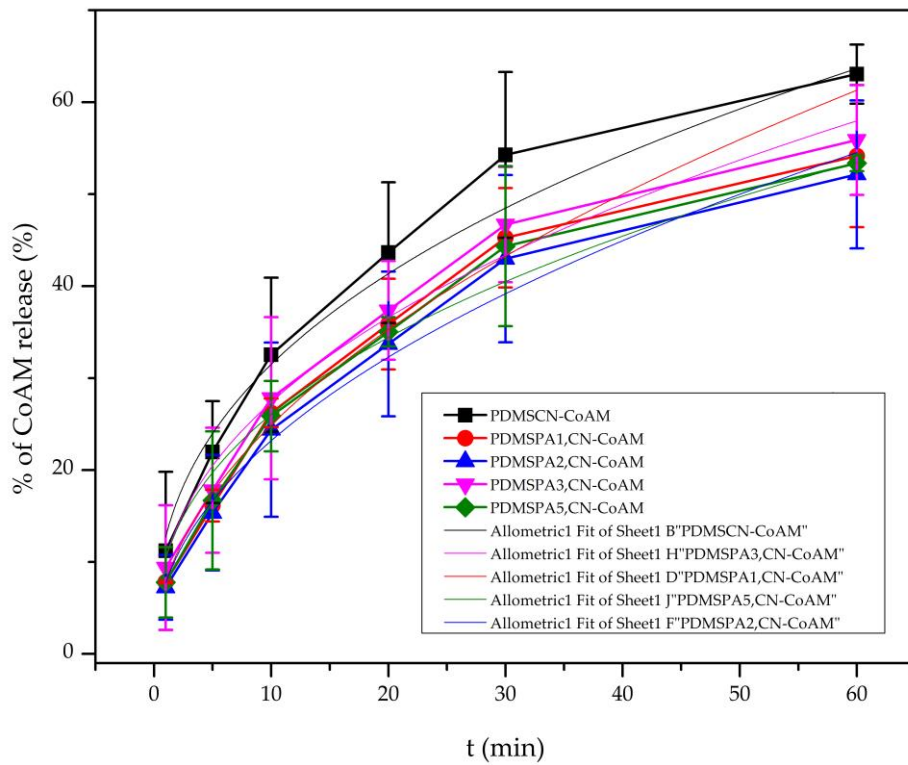


Figure S2. Time dependent change in the percentage of the released incorporated drug with Korsmeyer-Peppas model fitting graph.

Table S2. Korsmeyer-Peppas model fitting data.

Model	Allometric				
Equation	$y = a \cdot x^b$				
Reduced Chi-Sqr	0.17949	0.60260	0.09399	0.15151	0.24376
Adj. R-Square	0.98650	0.98900	0.98804	0.97963	0.99534
		Value	Standard Error		
PDMS _{CN} -CoAM	a	12.74275	1.44202		
	b	0.39287	0.02919		
PDMS _{PA1} , CN-CoAM	a	7.81056	0.11223		
	b	0.50322	0.01350		

PDMS_{PA2}, CN-CoAM	a	7.72702	0.78297
	b	0.47723	0.02930
PDMS_{PA3}, CN-CoAM	a	10.42918	1.30988
	b	0.41895	0.03549
PDMS_{PA5}, CN-CoAM	a	10.34756	0.72216
	b	0.40109	0.01759
