Supplementary material for Bilgin R. et al. 2015. Optimization of covalent immobilization of *Trichoderma reesei* cellulase onto modified ReliZyme HA403 and Sepabeads EC-EP supports for cellulose hydrolysis, in buffer and ionic liquids/buffer media. *Artif Cells Nanomed Biotechnol.* doi: 10.3109/21691401.2015.1024842.

Supplementary Table I. ANOVA results of the quadratic models proposed for the optimum conditions of cellulase immobilization.

Support	Source	Sum of Squares	df	Mean Square	F value	p-value Prob > F
Sepabeads EC-EP	Model	3152.05	9	350.23	3.10	0.1131
	X_1 Immobilization pH	75.64	1	75.64	0.67	0.4507
	X_2 Immobilization time	40.50	1	40.50	0.36	0.5757
	X_3 Initial protein concentration	972.41	1	972.41	8.6	0.0326*
	X_1X_2	39.69	1	39.69	0.35	0.5794
	X_1X_3	5.76	1	5.76	0.051	0.8304
	X_2X_3	846.81	1	846.81	7.49	0.0410*
	X_1^2	101.77	1	101.77	0.90	0.3864
	X_2^2	242.25	1	242.25	2.14	0.2032
	X_3^2	814.24	1	814.24	7.20	0.0437*
	Residual	565.65	5	113.13		
	Lack of Fit	564.93	3	188.31	523.08	0.0019*
	R-Squared	0.85				
	Model	1083.13	9	120.35	12.87	0.0058*
	X_1 Immobilization pH	0.55	1	0.55	0.059	0.8178
ReliZyme HA403	X_2 Immobilization time	9.46	1	9.46	1.01	0.3607
	X_3 Initial protein concentration	669.78	1	669.78	71.62	0.0004*
	X_1X_2	0.42	1	0.42	0.045	0.8401
	X_1X_3	10.24	1	10.24	1.09	0.3433
	X_2X_3	94.09	1	94.09	10.06	0.0248*
	X_1^2	10.21	1	10.21	1.09	0.3441
	X_2^2	122.61	1	122.61	13.11	0.0152*
	X_3^2	166.09	1	166.09	20.97	0.0060*
	Residual	46.76	5	9.35		
	Lack of Fit	46.34	3	15.45	73.56	0.0134*
	R-Squared	0.96				

*(Prob > F) value < 0.05 indicates that model term is significant.