

Table S3 – Complement to Figure 3: For each time point, the comparison between D4L-1-PSU, D4L-2-PSU, and Sivelestat-PSU mem-branes within each concentration, on the left side, the comparison between the concentration groups within each HNEI-PSU biomaterial (one-way ANOVA test); in the middle, the effect of the interaction between concentration of HNEI initial solution and type of HNEI-PSU membrane (two-way ANOVA test); on the right, according to HNEIs' incubations with plasma (top) or diluted plasma (bottom).

<i>Plasma</i>	<i>D4L-1-PSU vs. D4L-2PSU vs. Sivelestat-PSU, p</i>						<i>5 vs. 25 vs. 50 vs. 250x vs. 500 vs. 1000, p</i>		
<i>Time (min.)</i>	5	25	50	250	500	1000	D4L-1-PSU	D4L-2-PSU	Sivelestat-PSU
0	0.446	0.148	0.224	<0.001	<0.001	<0.001	<0.001	0.084	0.533
180	0.020	0.103	<0.001	0.010	<0.001	<0.001	<0.001	0.014	0.763

<i>HEPES</i>	<i>D4L-1 vs. D4L-2 vs. Sivelestat, p</i>						<i>100x vs. 10x vs. 1x vs. 0.1x vs. 0.01x IC50, p</i>		
<i>Time (min.)</i>	5	25	50	250	500	1000	D4L-1	D4L-2	Sivelestat
0	0.218	0.344	0.147	0.021	0.005	<0.001	0.161	<0.001	0.054
180	0.023	0.125	0.028	<0.001	<0.001	0.507	0.002	0.042	<0.001

PSU, polysulfone. $p < 0.05$ was considered statistically significant (ANOVA one-way test).