

## Supplementary Materials

**Table S1: Determining the proportion of p65 NFκB expressed in TH-positive control (untreated) and 6OHDA-treated dDCNs.**

	Control (- 6OHDA)		Treated (+6OHDA)	
	TH	NFκB	TH	NFκB
Mean of Assay 1	34.60	17.06	9.67	10.00
Mean of Assay 2	36.13	18.22	10.13	11.00
Mean of Assay 3	32.73	20.36	11.93	10.60
Mean of All Assays	34.49	18.55	10.58	10.53
Mean of All Assays %	100.00	53.78	30.67	30.54
Total Ratio	0.54		1.00	
<b>Total Ratio (%)</b>	<b>54</b>		<b>100</b>	
<b>t-Test</b>	<b>0.01</b>			

**Table 2. 6OHDA increased activation of NFκB in dDCNs.**

	MEAN	
	Control	Treated (+6OHDA)
NFκB Assay1	0.824	1.360
NFκB Assay 2	0.686	1.217
NFκB Assay3	0.955	1.349
NFκB Assay4	0.363	1.438
NFκB Assay 5	0.310	1.542
Mean Assay	0.627	1.381
<b>Mean Assay (%)</b>	<b>100</b>	<b>220</b>
SD	0.28	0.12
SD (%)	28.31	11.99
<b>t-Test</b>	<b>0.002</b>	

**Table S3: Determining the proportion of Caspases-2, -3 and -8 expressed in NFκB positive control and 6OHDA-treated dDCNs**

	Control (-6OHDA)		6OHDA Treated		Control (-6OHDA)		6OHDA Treated		Control (-6OHDA)		6OHDA Treated	
	NFκB	Caspa se-2	NFκB	Caspa se-2	NFκB	Caspas e-3	NFκB	Caspas e-3	NFκB	Caspa se-8	NFκB	Caspa se-8
<b>Mean of Assay 1</b>	36.6	19.33	10.00	8.13	41.93	11.00	10.47	5.47	19.67	7.60	9.87	9.87
<b>Mean of Assay 7</b>	42.33	16.01	8.00	8.33	41.40	11.20	9.93	6.00	24.20	8.21	10.40	10.40

<b>Assay 2</b>													
<b>Mean</b>	41.93	18.56	10.87	8.80	39.67	12.00	10.53	5.27	26.40	8.13	12.00	12.00	
<b>of Assay 3</b>													
<b>Mean</b>	40.31	17.97	9.62	8.42	41.00	11.40	10.31	5.58	23.42	7.98	10.76	10.76	
<b>of All Assays</b>													
<b>Mean of</b>	100.00	44.57	23.87	20.89	100.00	27.80	25.15	13.60	100.00	34.03	45.92	45.92	
<b>All Assays %</b>													
<b>Total Ratio</b>	0.45		0.88		0.31		0.54		0.34		1.00		
<b>Total Ratio (%)</b>	45		88		28		54		34		100		
<b>t-Test</b>		0.02				0.02				0.01			

**Table S4: NFkB is suppressed by IKK in 6OHDA-treated dDCNs**

	MEAN Control	MEAN IKK	MEAN treated	6OHDA-MEAN treated	6OHDA & IKK-
NFkB Assay 1	0.918	0.000	1.488	0.000	
NFkB Assay 2	1.069	0.000	1.572	0.000	
NFkB Assay 3	1.148	0.000	1.444	0.000	
Mean Assay	1.045	0.000	1.502		0.000
<b>Mean Assay(%)</b>	<b>100</b>	<b>0</b>	<b>144</b>	<b>0</b>	
SD	0.12	0.00	0.07		0.00
SD (%)	11.69	0.00	6.50	0.00	
<b>t-Test</b>			<b>0.009</b>		

**Table S5: IKK and zVADfmk promote survival of 6OHDA-treated dDCNs**

	MEAN Control	MEAN IKK	MEAN zVADfmk	MEAN 6OHDA-treated	MEAN 6OHDA & zVADfmk	MEAN 6OHDA & IKK	MEAN 6OHDA & zVADfmk & IKK
Mean of Assay 1	2.059	2.035	2.103	0.535	1.004	1.285	1.539
Mean of Assay 2	2.121	2.099	2.051	0.671	0.955	1.203	1.545
Mean of Assay 3	2.114	2.109	2.123	0.631	1.205	0.934	1.539
Mean of All	2.098	2.081	2.092	0.612	1.055	1.141	1.541

Assays							
Mean of	100	99	100	29	50	54	73
All Assays							
%							
SD	0.03	0.04	0.04	0.07	0.13	0.18	0.00
(n)	3	3	3	3	3	3	3
SQR	1.73	1.73	1.73	1.73	1.73	1.73	1.73
SE	0.02	0.02	0.02	0.04	0.08	0.11	0.00
SE %	1.97	2.31	2.15	4.04	7.65	10.60	0.20
<b>t-Test</b>					<b>0.014</b>	<b>0.026</b>	<b>0.002</b>

**Table S6: 6OHDA triggered apoptotic death in dDCNs**

	MEAN Control	MEAN 6OHDA	MEAN 6OHDA & IKK	MEAN 6OHDA & zVADfmk	MEAN 6OHDA & zIETDfm k	MEAN 6OHDA & zVDVADfmk
Mean of Assay 1	0.79	2.15	1.36	0.98	1.26	1.04
Mean of Assay 2	0.82	2.19	1.27	0.99	1.30	1.06
Mean of Assay 3	0.77	2.10	1.28	1.00	1.27	1.08
Mean of All Assays	0.79	2.15	1.31	0.99	1.28	1.06
<b>Mean of All</b>	<b>100</b>	<b>272</b>	<b>165</b>	<b>125</b>	<b>162</b>	<b>134</b>
<b>Assays%</b>						
SD	0.025	0.045	0.049	0.011	0.02	0.02
(n)	3	3	3	3	3	3
SQR	1.73	1.73	1.73	1.73	1.73	1.73
SE	0.013	0.027	0.027	0.006	0.011	0.010
SE %	1.343	2.711	2.689	0.611	1.069	0.976
<b>t-Test</b>			<b>0.00003</b>	<b>0.0003</b>	<b>0.0002</b>	<b>0.0002</b>