

Supplementary data to:

Original article:

**EVALUATION OF THE CYTOTOXIC AND IMMUNOGENIC
POTENTIAL OF TEMOZOLAMIDE, PANOBINOSTAT, AND
LOPHOPHORA WILLIAMSII EXTRACT AGAINST
C6 GLIOMA CELLS**

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<http://dx.doi.org/10.17179/excli2020-3181>

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Supplementary Table 1 (raw data to Figure 6 in main text): Tumor volume (mm³) of rats vaccinated with tumor cell lysates of C6 cells. The tumor volume was measured every third day for 13 days starting at day 7 post-inoculation. Results are presented as the mean ± standard deviation. ***p* = 0.001. CRT, control; TMZ, temozolomide; LW extract, *Lophophora williamsii* extract; PAN, panobinostat

Groups

Day	CRT (n=5)	TMZ (n=5)	PAN (n=5)	LW extract (n=5)	TMZ + LW extract + PAN (n=5)
6	440.0 ± 76.4	80.3 ± 39.4	72.9 ± 29.3	65.8 ± 24.5	277.1 ± 22.6
8	592.0 ± 36.9	383.9 ± 58.4	448.0 ± 112.4	564.7 ± 174.2	722.7 ± 99.3
10	1010.0 ± 134.1	723.9 ± 77.9	1277.1 ± 114.8	1277.1 ± 114.8	1537.6 ± 138.8
13	1533.9 ± 188.1	1408.4 ± 167.2	1750.7 ± 126.5	1788.6 ± 189.4	3184.9 ± 125.6**

Supplementary Table 2 (raw data to Figure 6 in main text): Tumor volume (mm³) raw data of unvaccinated rats. The tumor volume was measured every third day for 13 days starting at day 7 post-inoculation. The tumor volume of each unvaccinated rat is presented, as well as the mean and standard deviation (SD) per day

Control group

Day	animal no. 1	animal no. 2	animal no. 3	animal no. 4	animal no. 5	mean	SD
6	440.0	400.0	550.0	480.0	350.0	444.0	76.4
8	592.0	633.0	660.0	626.0	690.0	640.2	36.9
10	1010.0	1300.0	1095.0	1225.0	1321.0	1190.2	134.1
13	1533.9	1910.5	2024.3	1932.4	1820.6	1844.3	188.1

Supplementary Table 3 (raw data to Figure 6 in main text): Tumor volume (mm³) raw data of TMZ lysate vaccinated rats. The tumor volume was measured every third day for 13 days starting at day 7 post-inoculation. The tumor volume of each rat vaccinated with TMZ lysed C6 cells is presented as well as the mean and standard deviation (SD) per day. TMZ, temozolomide

TMZ group

Day	animal no. 1	animal no. 2	animal no. 3	animal no. 4	animal no. 5	mean	SD
6	89.6	65.2	63.1	40.2	143.4	80.3	39.4
8	310.1	424.4	459.2	365.6	360.2	383.9	58.4
10	790.3	806.2	630.5	734.2	658.5	723.9	77.9
13	1620.2	1543.6	1222.3	1305.1	1350.6	1408.4	167.2

Supplementary Table 4 (raw data to Figure 6 in main text): Tumor volume (mm³) raw data of PAN lysate vaccinated rats. The tumor volume was measured every third day for 13 days starting at day 7 post-inoculation. The tumor volume of each rat vaccinated with PAN lysed C6 cells is presented as well as the mean and standard deviation (SD) per day. PAN, panobinostat

PAN group

Day	animal no. 1	animal no. 2	animal no. 3	animal no. 4	animal no. 5	mean	SD
6	35.1	94.4	109.2	65.6	60.2	72.9	29.3
8	519.1	300.3	404.3	422.8	593.4	448.0	112.4
10	1255.4	1393.2	1125.2	1389.6	1222.2	1277.1	114.8
13	1825.5	1799.3	1620.4	1614.4	1893.8	1750.7	126.5

Supplementary Table 5 (raw data to Figure 6 in main text): Tumor volume (mm³) raw data of LW extract lysate vaccinated rats. The tumor volume was measured every third day for 13 days starting at day 7 post-inoculation. The tumor volume of each rat vaccinated with LW extract lysed C6 cells is presented as well as the mean and standard deviation (SD) per day. LW extract, *Lophophora williamsii* extract

LW extract group

Day	animal no. 1	animal no. 2	animal no. 3	animal no. 4	animal no. 5	mean	SD
6	72.9	97.6	29.2	65.6	63.7	65.8	24.5
8	416.8	690.3	654.3	722.5	339.4	564.7	174.2
10	1255.4	1393.2	1125.2	1389.6	1222.2	1277.1	114.8
13	1835.9	1500.4	2012.7	1859.4	1734.5	1788.6	189.4

Supplementary Table 6 (raw data to Figure 6 in main text): Tumor volume (mm³) raw data of TMZ + LW extract + PAN lysate vaccinated rats. The tumor volume was measured every third day for 13 days starting at day 7 post-inoculation. The tumor volume of each rat vaccinated with TMZ + LW extract + PAN lysed C6 cells is presented as well as the mean and standard deviation (SD) per day. TMZ, temozolomide; PAN, panobinostat; LW extract, *Lophophora williamsii* extract

TMZ + LW extract + PAN group

Day	animal no. 1	animal no. 2	animal no. 3	animal no. 4	animal no. 5	mean	SD
6	273.1	297.8	302.9	252.9	258.6	277.1	22.6
8	792.1	735.7	556.1	725.3	804.5	722.7	99.3
10	1432.7	1609.1	1734.6	1389.6	1522.2	1537.6	138.8
13	3187.5	3102.4	3032.5	3245.6	3356.4	3184.9	125.6