

Table S2. Total numbers of leukocytes, percentage and total numbers of lymphocytes (TCD3⁺, TCD4⁺, TCD8⁺, B, NK), granulocytes and monocytes, plasma level of interleukin 6 (IL-6) and interleukin 10 (IL-10), number of red blood cells (RBC), haemoglobin concentration (HGB), hematocrit (HCT), mean haemoglobin concentration in the red blood cell (MCHC), mean mass of the haemoglobin in the red blood cell (MCH), mean corpuscular volume (MCV), Red Cell Distribution Width (RDW) in rats non-divided and divided into rats with high (HR) or low (LR) reactivity to novelty 45 and 90 days after intracerebroventricular injections of streptozotocin (STZ, n=16) or citrate buffer (VEH, n=14).

Group/Parameter	STZ 45	STZ 90	VEH 45	VEH 90	STZ 45 HR	STZ 45 LR	STZ 90 HR	STZ 90 LR	VEH 45 HR	VEH 45 LR	VEH 90 HR	VEH 90 LR
Leukocytes (No.x 10 ³ /μl)	7.53±1.83	6.4±1.47	6.01±1.76	5.46±1.97	7.7±1.28	7.44±2.42	6.2±2.04	6.13±1.08	5.43±1.13	5.82±1.72	5.03±2.24	5.69±2.1
Lymphocytes (No.x 10 ³ /μl)	5.71±1.77	4.78±1.4	4.46±1.37	4.63±1.81	6.3±1.44	5.38±2.2	4.83±1.7	4.45±1.44	4±1.21	4.42±1.36	5.48±2.44	4.27±1.51
Lymphocyte percentage (%)	77.48±5.22	75.03±10.02	76.33±6.37	76.49±5.96	75.82±6.08	78.72±4.63	72.58±13.56	72.58±13.56	74.68±7.43	78.61±4.36	75.38±4.46	76.5±7.15
CD3 ⁺ cell percentage (%)	38.08±7.21	36.57±7.78	31.34±10.41	35.63±5.22	32.9±6.78 [#]	43.27±1.84 [§]	30.29±3.86	37.52±7.68	36.55±8.99	26.13±9.98	37.12±4.67	34.03±7.43
CD3 ⁺ CD4 ⁺ CD8 ⁺ cell percentage (%)	27.17±9.62 ^{&&}	16.42±3.53 [*]	19.43±8.92	19.61±3.47	32.71±9.95 ^{§&}	21.63±6.33	17.15±5.38	16.51±2.14 [§]	15.63±6.09 [#]	18.37±8.4	20.6±5.62	19.43±0.45
CD3 ⁺ CD4 ⁺ CD8 ⁺ cell percentage (%)	11.09±2 ^{&}	13.63±2.58 [*]	9.35±3.63	11.42±1.46	12.26±2.23 [§]	9.91±0.92 ^{&}	12.35±2.91	15.03±2.47	6.16±3.06 ^{&}	10.14±3.16	11.47±1.58	11.51±1.95
CD3-CD45RA ⁺ cell percentage (%)	11.47±2.55 ^{**&}	17.53±4.23	11.18±5.26 ^{&&}	12.88±3.5	12.26±1.18	10.67±3.61	16.54±5.9	17.83±5	9.74±2.67	14.27±5.26	11.51±1.06	13.23±5.28
CD3-CD161a ⁺ cell percentage (%)	2±0.65	3.13±2.02	2.03±0.68 ^{&}	1.4±0.51	1.99±0.33	2.02±0.98	1.92±1.48	3.3±2.27	2.01±0.8 ^{&}	2.06±0.66	0.97±0.23 [#]	1.9±0.23
Granulocytes (No.x 10 ³ /μl)	0.87±0.31	0.74±0.35	0.83±0.16	0.68±0.31	0.6±0.2 [#]	1.13±0.21 [§]	0.5±0.1	0.8±0.34	0.85±0.17 ^{&}	0.83±0.2	0.53±0.15	0.72±0.31
Granulocyte percentage (%)	8.39±3.77 [*]	10.19±4.4	12.4±3.86	11.14±4.18	6.17±2.83 [§]	9.43±4.41	7.27±1.33	12.03±5.24	13.6±1.49	12.47±4.69	10.48±5.06	12.53±3.22
Monocytes (No.x 10 ³ /μl)	1±0.21 ^{**}	0.89±0.43	0.57±0.24	0.73±0.32	0.8±0.1 ^{§#}	1.15±0.17 ^{§§}	0.6±0.2	1.03±0.55	0.43±0.06	0.57±0.23	0.93±0.37	0.64±0.28
Monocyte percentage (%)	13.6±4.06 [*]	15.96±6.17	9.27±1.97 ^{&&}	13.13±3.23	11.7±2.66	14.66±5.02 [§]	14.17±5.58	18.53±6.94	8.73±1.65 ^{&}	9.5±2.16	14.15±3.3	12.47±3.52

Table S2 cont.

Group/Parameter	STZ 45	STZ 90	VEH 45	VEH 90	STZ 45 HR	STZ 45 LR	STZ 90 HR	STZ 90 LR	VEH 45 HR	VEH 45 LR	VEH 90 HR	VEH 90 LR
Plasma IL-6 concentration (pg/ml)	252.16±59.16	301.99±111.08	296.94±97.57	382.53±141.05	267.97±87.68	242.67±44.51	312.70±132.83	298.61±106.93	349.51±80.73&	266.89±98.55	362.33±149.28	396.34±148.26
Plasma IL-10 concentration (pg/ml)	36.29±10.22&	53.55±19.3*	35.5±9.6	35.05±15.32	41.29±8.29	36.03±10.4&	62.71±14.94	58±16.37\$	33.52±8.55	36.49±10.71	41.47±15.74	32.92±14.66
RBC (No. x10 ⁶ /μl)	8.38±0.4**&	7.19±1.71	7.74±0.73	7.76±0.41	8.12±0.4 [#]	8.57±0.28\$ ^s	6.46±2.6	7.71±1.19	7.78±0.67	7.71±0.8	7.63±0.58	7.84±0.3
HGB (g/dL)	14.1±0.71*	13.85±0.76**	14.61±0.53&&&	12.82±0.83	13.72±0.74\$ [#]	14.31±0.57	13.4±0.36 [#]	14.4±0.64\$	14.64±0.51&	14.7±0.44&&&	12.6±1.23	12.97±0.54
HCT (%)	44.55±2.38&	39.74±7.31	41.62±4.71	41.02±2.27	42.9±2.54\$ [#]	45.7±1.46	35.8±11	43.23±3.25	41.73±4.38	41.45±5.38	40.4±2.76	41.4±2.18
MCHC (g/dL)	32.46±3.98&	33.18±1.14**	33.93±3.17&&	31.22±1.49	34.74±4.39 [#]	30.43±2.64 \$&&	32.33±0.06	33.43±1.2\$	33.71±3.07&	34.3±3.45	31.1±1.31	31.34±1.81
MCH (pg)	18.77±3.96	18.15±2.06**	18.59±1.67&&&	16.5±0.75	20.98±5.49	17.13±0.67\$	17.1±0.3	19±2.78\$	18.36±1.3&&	18.33±1.3&&	16.5±0.69	16.54±0.88
MCV (μm ³)	55.71±3.08	56.5±6.52	54.23±0.86	52.77±1.42	56.43±3.81	55.31±2.59	57.67±8.14	56.75±6.89	54.08±2.53	53.65±2.19	53±1.22	52.71±1.7
RDW (%)	12.67±1.76&	14.94±1.73***	13.46±1.35&&	12.42±0.84	11.7±2.14	12.96±1.61	14.8±1.99\$	15.33±1.92\$	12.83±0.31&	13.27±0.71	12.22±0.49	12.67±1.02
Group/Parameter	VEH 45 HR			VEH 45 LR			VEH 90 HR			VEH 90 LR		
CD3 ⁺ cell (No.x 10 ³ / μl)	1.39±0.16			1.43±0.53			1.67±0.21			1.30±0.32		
CD3 ⁺ CD4 ⁺ CD8 ⁻ cell (No.x 10 ³ / μl)	0.76±0.26&			1.02±0.48			0.85±0.04			0.96±0.26		
CD3 ⁺ CD4 ⁺ CD8 ⁺ cell (No.x 10 ³ / μl)	0.29±0.13			0.55±0.20			0.51±0.19			0.55±0.05		
CD3 ⁺ CD45RA ⁺ cell (No.x 10 ³ / μl)	0.58±0.31			0.59±0.4			0.52±0.08			0.52±0.24		
CD3 ⁺ CD161a ⁺ cell (No.x 10 ³ / μl)	0.79±0.04&			0.12±0.05			0.23±0.03 [#]			0.54±0.06		

Explanations: Data are presented as mean ± SD and were analyzed using Mann–Whitney-*U* test; # - $p \leq 0.05$, ## - $p \leq 0.01$ indicate significance of differences between HR and LR within the STZ or VEH animals; * - $p \leq 0.05$, ** - $p \leq 0.01$, *** $p \leq 0.001$ indicate significance of differences between STZ and VEH 45 and 90

days after injection; & - $p \leq 0.05$, && - $p \leq 0.01$, &&& $p \leq 0.001$ indicate significance of differences between 45 day and 90 day after injection; \$ - $p \leq 0.05$, \$\$ - $p \leq 0.01$ indicate significance of differences between STZHR and VEHR or STZLR and VELR.