

Supplementary table 14. TH+ fibers optical density per section and their calculated ratios (%) in rat striatum at three months post-LPS injection

| | SAL WT | LPS WT | SAL <i>Snca</i> +/- | LPS <i>Snca</i> +/- |
|--------|--------|--------|---------------------|---------------------|
| Animal | A | A | A | A |
| 1 | 0,19 | 0,357 | 0,259 | 0,247 |
| | 0,26 | 0,279 | 0,280 | 0,153 |
| | 0,24 | 0,233 | 0,232 | 0,168 |
| 2 | 0,319 | 0,299 | 0,237 | 0,211 |
| | 0,266 | 0,311 | 0,259 | 0,179 |
| | 0,291 | 0,215 | 0,222 | 0,151 |
| 3 | 0,206 | 0,303 | 0,186 | 0,291 |
| | 0,274 | 0,184 | 0,248 | 0,279 |
| | 0,123 | 0,161 | 0,202 | 0,200 |
| 4 | 0,359 | 0,275 | 0,305 | 0,283 |
| | 0,383 | 0,265 | 0,179 | 0,260 |
| | 0,297 | a | a | 0,254 |
| 5 | a | 0,244 | 0,221 | 0,262 |
| | a | 0,127 | 0,188 | 0,231 |
| | a | 0,124 | 0,184 | 0,219 |

A= Striatum mean O.D. - Background mean O.D.

B=Mean A (sections/animal)

C=[B/ Tot Mean A (SAL WT)]*100

| Animal | SAL WT | | LPS WT | | SAL <i>Snca</i> +/- | | LPS <i>Snca</i> +/- | |
|--------|--------|----------|--------|---------|---------------------|----------|---------------------|--------|
| | B | C | B | C | B | C | B | C |
| 1 | 0,228 | 85,61239 | 0,289 | 108,489 | 0,257 | 96,35819 | 0,189 | 70,993 |
| 2 | 0,292 | 109,436 | 0,275 | 103,064 | 0,239 | 89,65248 | 0,180 | 67,640 |
| 3 | 0,201 | 75,283 | 0,216 | 80,854 | 0,212 | 79,41689 | 0,256 | 96,140 |
| 4 | 0,346 | 129,668 | 0,270 | 101,132 | 0,242 | 90,63647 | 0,266 | 99,617 |
| 5 | a | a | 0,165 | 61,934 | 0,198 | 74,09606 | 0,237 | 88,986 |

a sections not available