**Supplemental Table 2.** Organ-specific changes in the different groups. Components and cumulative values of the rat-specific organ failure assessment (ROFA) score in the sham-operated, sepsis and treated sepsis groups.

| ROFA Parameters                  | Groups                           |
|----------------------------------|----------------------------------|
|                                  | Sham-operated | Sepsis + saline | Sepsis + KYNA | Sepsis + SZR-72 | Sepsis + SZR-104 |
| Lactate (mmol L⁻¹)               | 1.1 (1.1; 1.4) | 3.0 (2.3; 3.8)* | 2.5 (2.0; 3.4)* | 2.8 (2.4; 3.6)* | 2.9 (2.5; 3.4)* |
| Mean arterial pressure (mm Hg)   | 92 (84.8; 95.5) | 73.0 (57.0; 80.0)* | 69.5 (63.0; 87.8) | 71.5 (58.3; 76.5)* | 67.0 (58.0; 74.5)* |
| PaO₂/FiO₂ ratio                  | 393.3 (381.8; 442.9) | 315.7 (283.3; 369.3)* | 367.6 (344.8; 408.6) | 358.095 (293.1; 406.4) | 388.1 (313.1; 451.9) |
| Plasma ALT (U L⁻¹)               | 23.5 (13.3; 36.8) | 51.0 (42.0; 88.0)* | 39.5 (32.0; 48.3) | 24.0 (21.0; 40.0)* | 36.0 (29.5; 57.0) |
| Plasma urea (mmol L⁻¹)           | 6.3 (5.9; 7.0) | 11.8 (7.8; 20.0)* | 8.9 (6.2; 10.7) | 6.4 (5.3; 17.2) | 8.8 (7.2; 11.1) |
| ROFA score                       | 1.5 (1.0; 2.0) | 6.0 (4.0; 7.8)* | 4.9 (4.0; 5.5)* | 4.5 (2.0; 7.0)* | 5.0 (3.0; 6.0)* |

ALT: alanine aminotransferase. Data demonstrate the median and 25th and 75th percentiles. Comparison between groups was conducted with the Kruskal–Wallis test followed by Dunn’s post-hoc test. *P<0.05 vs. sham-operated groups (in boldface); xP<0.05 vs. untreated sepsis group (in boldface).