

Supplementary Materials: The Acute Toxicity of Tetrodotoxin and Tetrodotoxin–Saxitoxin Mixtures to Mice by Various Routes of Administration

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Table S1. Dose and death times for mice dosed tetrodotoxin by intraperitoneal injection.

| Dose (nmol/kg) | Total Number of Mice | Number of Deaths | Death Times (min) |
|----------------|----------------------|------------------|--------------------------------------|
| 80 | 5 | 5 | 5.25, 5.95, 5.33, 4.67, 6.95 |
| 75 | 5 | 5 | 5.66, 7.33, 6.25, 6.50, 6.06 |
| 70 | 5 | 5 | 6.82, 7.40, 7.33, 7.50, 7.10 |
| 65 | 6 | 6 | 12.66, 7.21, 8.92, 7.66, 6.25, 8.00 |
| 60 | 6 | 6 | 11.67, 8.50, 9.92, 10.50, 7.55, 8.20 |
| 55 | 7 | 6 | 10.25, 9.83, 8.25, 8.42, 8.88, 8.42 |
| 50 | 5 | 4 | 8.33, 9.33, 9.88, 14.20 |
| 45 | 6 | 5 | 10.33, 12.83, 12.58, 13.05, 11.80 |
| 40 | 5 | 4 | 13.95, 15.48, 13.08, 15.13 |
| 35 | 5 | 2 | 25.03, 21.40 |
| 30 | 5 | 2 | 33.15, 32.15 |
| 25 | 5 | 0 | - |

Table S2. Mortalities and death times of mice dosed with tetrodotoxin (TTX), saxitoxin (STX) or mixtures of the two toxins by intraperitoneal injection.

| Dose (nmol/kg) | Total Number of Mice | Number of Deaths | Death Times (min) |
|----------------------|----------------------|------------------|-------------------|
| STX | | | |
| 22.1 | 3 | 0 | - |
| 24.8 | 2 | 2 | 11.43, 24.45 |
| TTX | | | |
| 24.8 | 1 | 0 | - |
| 27.8 | 2 | 0 | - |
| 31.2 | 3 | 2 | 22.10, 45.00 |
| 35.0 | 1 | 1 | 19.98 |
| STX/TTX (1:2) | | | |
| 24.8 | 2 | 0 | - |
| 27.8 | 3 | 2 | 21.25, 33.0 |
| 31.2 | 1 | 1 | 20.0 |
| STX/TTX (1:1) | | | |
| 22.1 | 3 | 0 | - |
| 24.8 | 2 | 2 | 43.67, 30.21 |
| STX/TTX (2:1) | | | |
| 22.1 | 1 | 0 | - |
| 24.8 | 3 | 1 | 30.0 |
| 27.8 | 2 | 2 | 25.9, 15.0 |

Table S3. Mortalities and death times of mice dosed with tetrodotoxin (TTX) or saxitoxin (STX) by gavage.

| Dose (nmol/kg) | Total Number of Mice | Number of Deaths | Death times (min) |
|----------------|----------------------|------------------|-------------------|
| STX | | | |
| 1060 | 3 | 0 | - |
| 1190 | 4 | 2 | 194, 300 |
| 1340 | 3 | 2 | 60, 240 |
| 1500 | 1 | 1 | 95 |
| TTX | | | |
| 1500 | 1 | 0 | - |
| 1680 | 2 | 0 | - |
| 1890 | 3 | 2 | 120, 60 |
| 2120 | 1 | 1 | 90 |

Table S4. Mortalities and death times of mice dosed with tetrodotoxin (TTX), saxitoxin (STX) or mixtures of the two toxins by feeding.

| Dose (nmol/kg) | Total Number of Mice | Number of Deaths | Death Times (min) |
|----------------------|----------------------|------------------|-------------------|
| STX | | | |
| 2540 | 1 | 0 | - |
| 2850 | 5 | 2 | 90, 360 |
| 3200 | 2 | 2 | 98, 190 |
| TTX | | | |
| 2540 | 1 | 0 | - |
| 2850 | 3 | 1 | 90 |
| 3200 | 2 | 2 | 65, 100 |
| STX/TTX (1:2) | | | |
| 2850 | 2 | 0 | - |
| 3200 | 3 | 1 | 74 |
| 3590 | 3 | 1 | 109 |
| 4030 | 2 | 2 | 90, 120 |
| STX/TTX (1:1) | | | |
| 2540 | 2 | 0 | - |
| 2850 | 3 | 2 | 90, 225 |
| 3200 | 1 | 1 | 230 |
| STX/TTX (2:1) | | | |
| 2540 | 1 | 0 | - |
| 2850 | 3 | 1 | 208 |
| 3200 | 2 | 2 | 105, 230 |