Supplementary Material

# Supplementary Table 1. Menu, CAF-diet food items, and dietary composition.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Day of week** | **Food****Menu per day** | **Amount for a cage with 4 mice (g)** | **Total Kcal** | **Total diet Kcal/ day /mice** | **Macro****Nutrients per day menu** | **Total Energy Value** |
| **MONDAY** | **Turkey ham** | 6.7 | 8.4 | **36.9** | **Fat** | 27.9% |
| **Milk chocolate bars** | 4.9 | 25.1 |
| **Cheese chips** | 6.7 | 35.1 | **Carbs** | 57.3% |
| **Rodent Diet 5001** | 5.8 | 27.1 |
| **Marshmallow** | 12.4 | 41.5 |
| **Orange-flavored soft drink** | 50 mL | 10.5 | **Protein** | 14.8% |
| **Water** | 50 mL | 0.0 |
| **TUESDAY** | **Chocolate Cookie** | 11.3 | 53.6 | **46.2** | **Fat** | 44.0% |
| **Potato Chips** | 6.5 | 35.1 |
| **Cheese chip** | 6.7 | 35.1 | **Carbs** | 27.4% |
| **Rodent Diet 5001** | 5.8 | 27.1 |
| **Turkey Sausage** | 13.5 | 23.2 | **Protein** | 28.5% |
| **Orange-flavored soft drink** | 50 mL | 10.5 |
| **Water** | 50 mL | 0.0 |
| **WEDNESDAY** | **Turkey ham** | 6.7 | 8.4 | **33.2** | **Fat** | 45.1% |
| **Hazelnut Spread** | 9.2 | 51.9 |
| **Cheese chips** | 6.7 | 35.1 | **Carbs** | 38.7% |
| **Rodent Diet 5001** | 5.8 | 27.1 |
| **Orange-flavored soft drink** | 50 mL | 10.5 | **Protein** | 16.1% |
| **Water** | 50 mL | 0.0 |
| **THURSDAY** | **Turkey ham** | 6.7 | 8.4 | **18.9** | **Fat** | 29.2% |
| **Milk chocolate bars** | 4.9 | 25.1 |
| **Rodent Diet 5001** | 5.8 | 27.1 | **Carbs** | 46.5% |
| **Cola soft drink** | 50 mL | 10.5 |
| **Water** | 50 mL | 0.0 | **Protein** | 24.9% |
| **FRIDAY, SATURDAY AND SUNDAY** | **Chocolate Cookie** | 11.3 | 53.6 | **48.9** | **Fat** | 31.7% |
| **Rodent Diet 5001** | 5.8 | 27.1 |
| **Potato Chip** | 6.5 | 35.1 | **Carbs** | 41.3% |
| **Turkey Sausage** | 13.5 | 23.2 |
| **Marshmallow** | 12.4 | 41.5 |
| **Cola soft drink** | 50 mL | 10.5 | **Protein** | 27.0% |
| **Water** | 50 mL | 0.0 |

# Supplementary Table 2. BMI and weight of visceral adipose tissue 24 weeks post-STZ.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **PARAMETER** | **SDT+VEH** | **STD+STZ** | **CAF+VEH** | **CAF+STZ** |
| BMI (kg/m2) | 3.51 ± 0.05 | 3.61 ± 0.05 | 4.83 ± 0.11\*\*\* | 4.37 ± 0.05## |
| Weight of visceral adipose tissue (g) | 1.72 ± 0.33 | 1.56 ± 0.12 | 7.55 ± 0.49\*\*\* | 5.67 ± 0.34## |

Values are mean ± SEM. \*\*\* P < 0.001 for CAF (BMI, F=227; Adipose tissue F=208.68).

## P < 0.01 for the interaction CAF x STZ (BMI, F=15.1; Adipose tissue F=8.8).