**Table S1a. Scanner acquisition parameters used for live scans.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Current (mA)** | **Voltage (kVp)** | **Exposure Time (ms)** | **# of Views/scan** | **Frame averaging** |
| All except | 50 | 100 | 20 | 720 | 2 |
| Mouse 1 (time point 3) | 50 | 100 | 20 | 720 | 1 |
| Mouse 2 (time point 1) | 50 | 100 | 20 | 440 | 2 |

 **a** These live scans were acquired and reconstructed at 50 µm resolution.