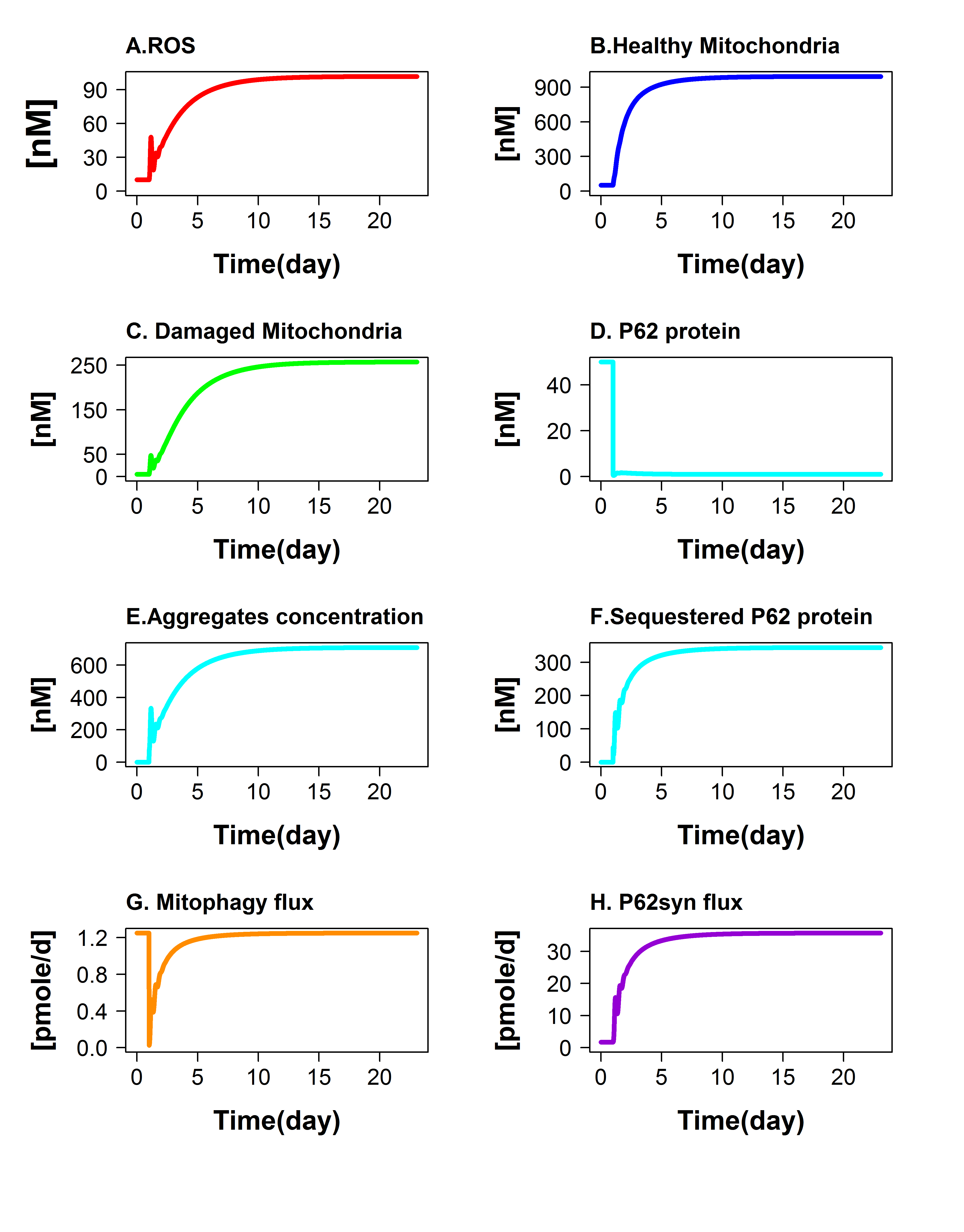
**Supplemental Material. Design 5. Alfa-synuclein.**

**Figure 2**

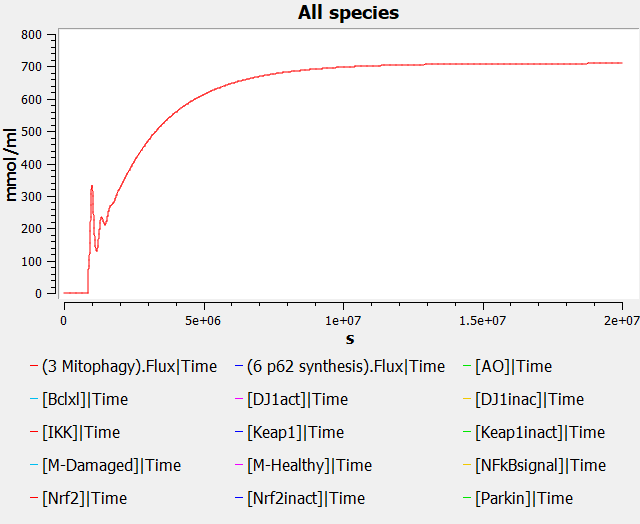
Model Synucl=7-SS.cps, Figure 2

The response to the addition of constant source of alfa-synuclein (adding 7nM fixed Synuclein concentration) at day 1 for low ROS generation.

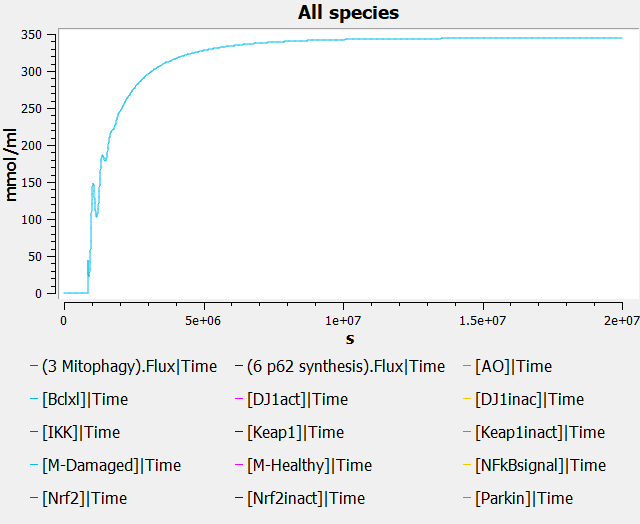
1. Aggregates concentration
2. Sequestered p62 (p62imob)
3. P62 concentration
4. P62 synthesis
5. Mitophagy will decrease
6. Healthy mitochondria
7. Damaged mitochondria
8. ROS



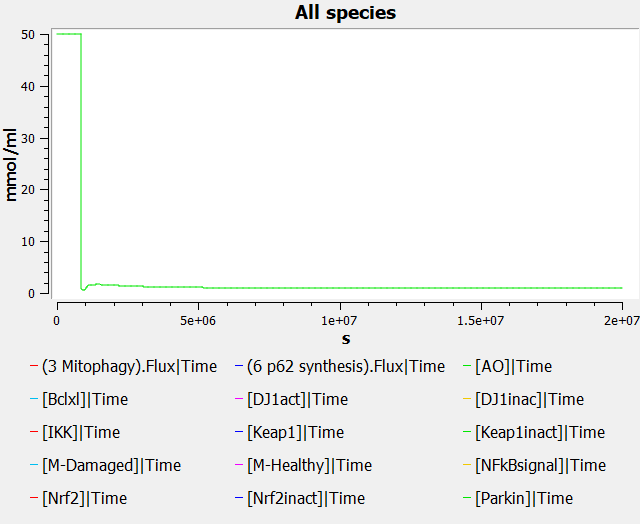
2A:



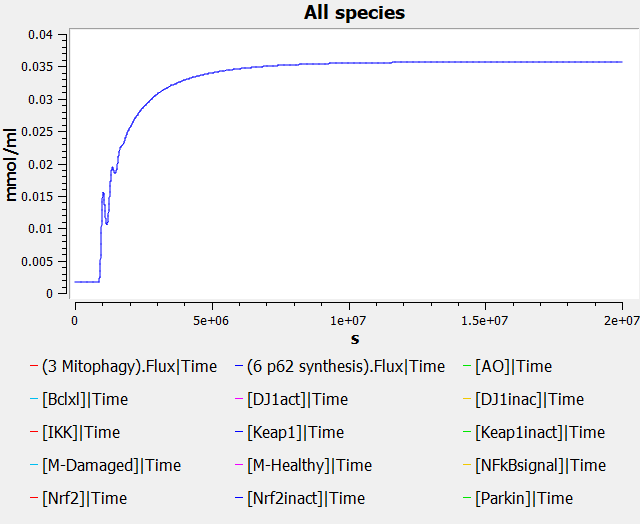
2B



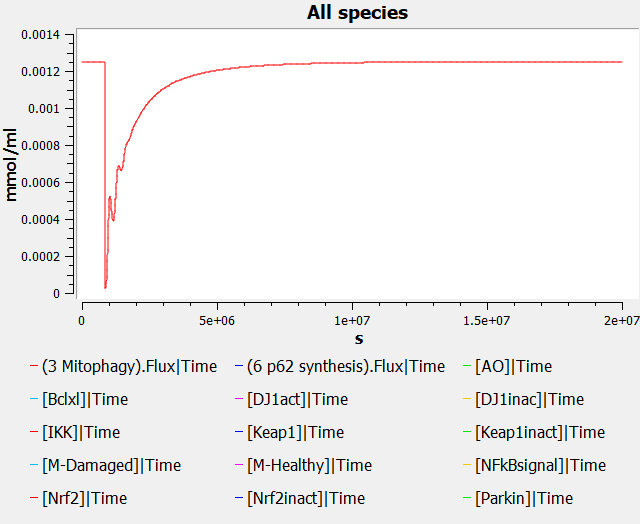
2C:



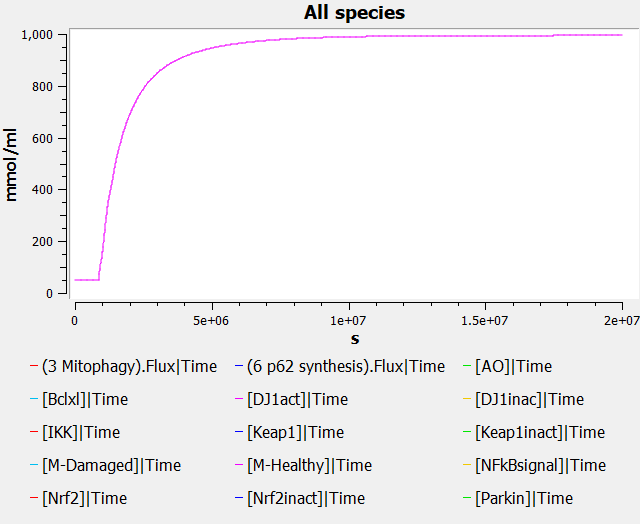
2D



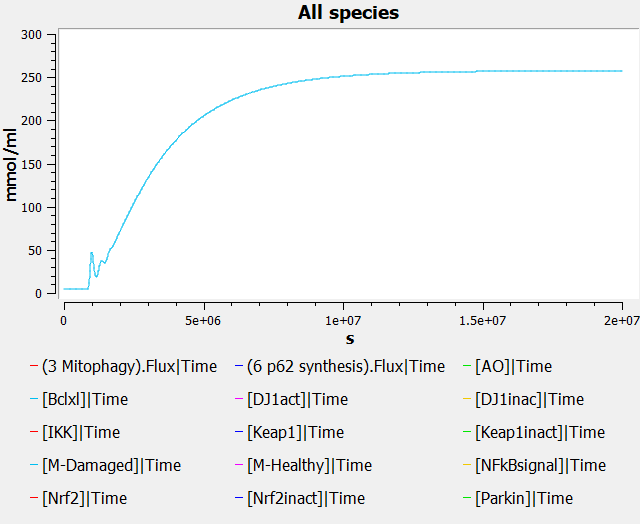
2E



2F



2G:



2H

