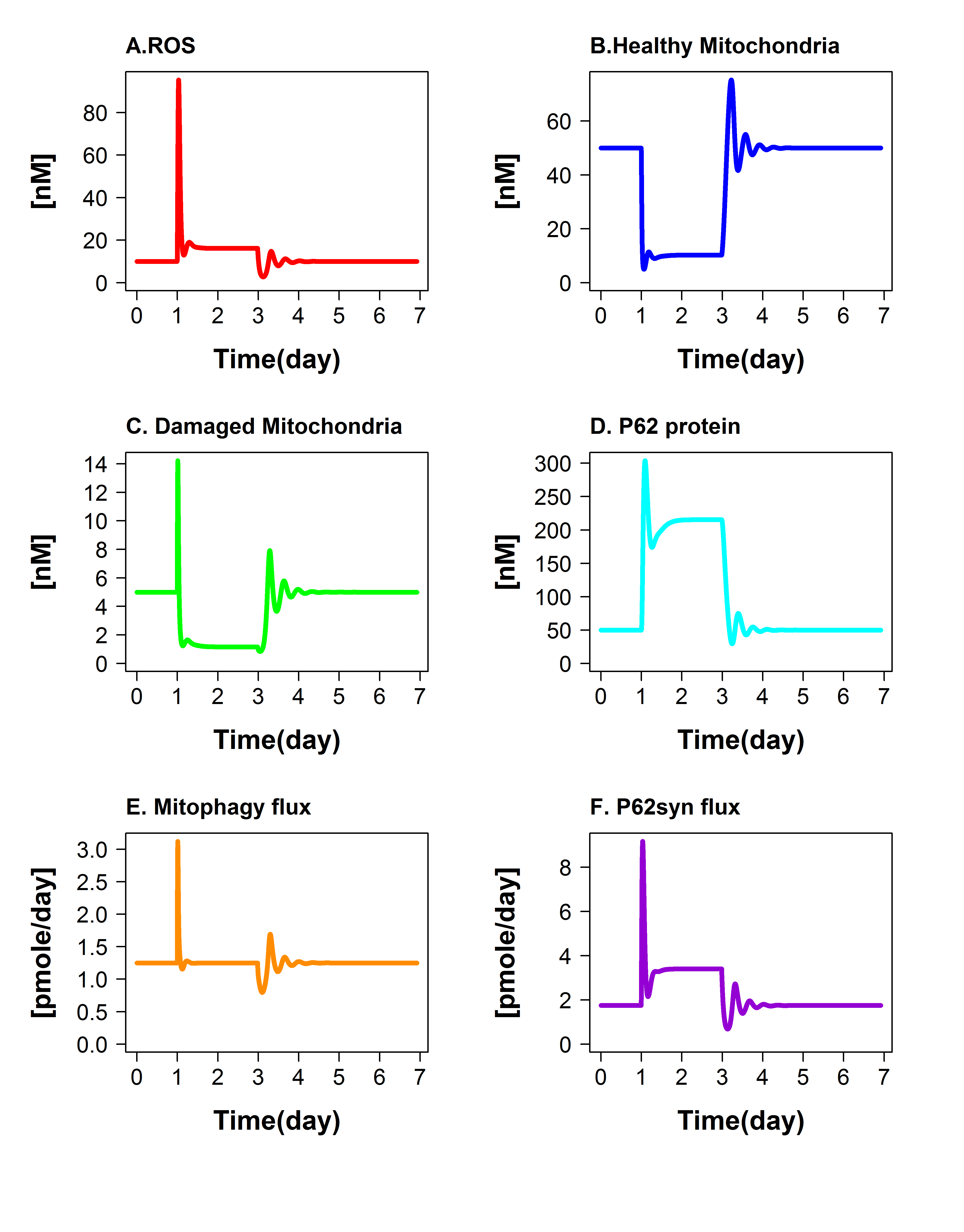
**Supplemental Material. Design 5. Alfa-synuclein.**

**Figure 1**

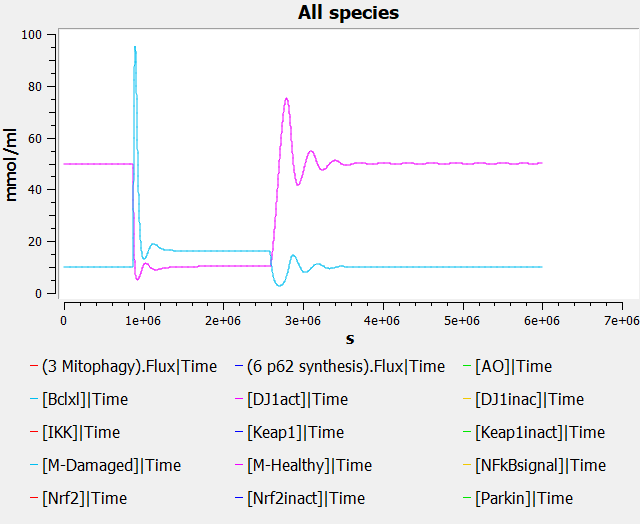
Model Synuc-0-ROSup\_and\_down-10fold.cps, Figure 1.

The response to 10 fold increase of ROS generation without alfa-synuclein. At day 1 ROS synthesis was increased 10 fold and then decreased back at day 3.

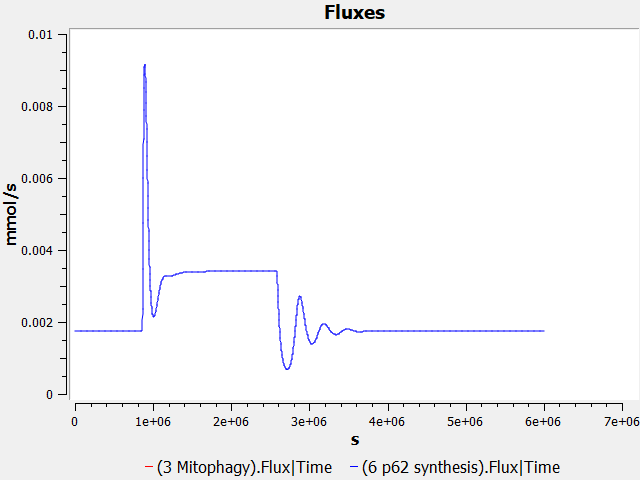
1. Mitochondria Healthy (red line) and ROS (blue line).
2. P62 synthesis
3. P62
4. Mitophagy
5. Damaged mitochondria



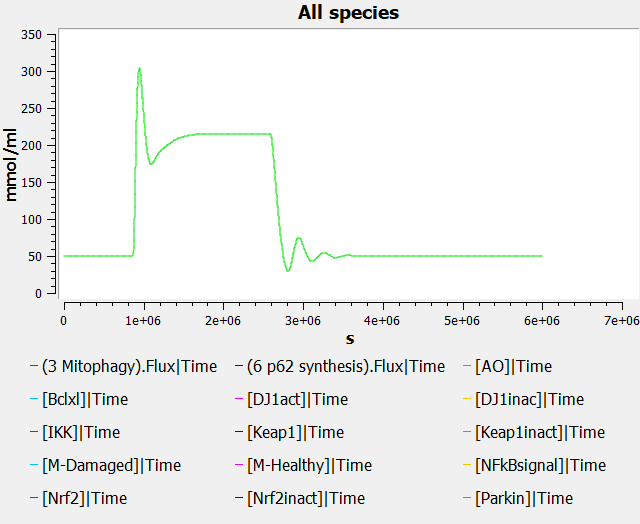
1A:



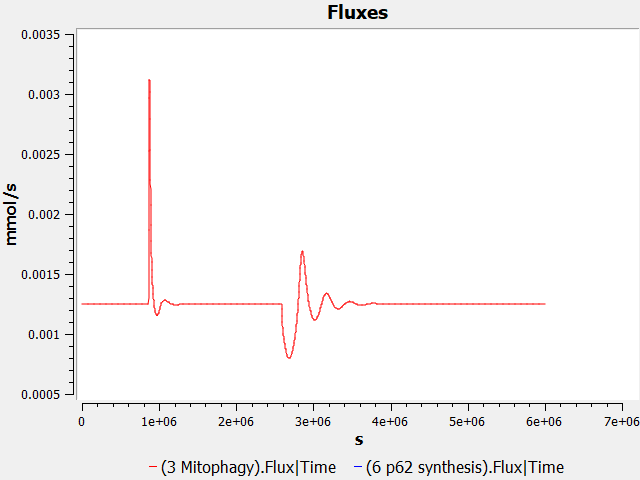
1B:



1C:



1D:



1E:

