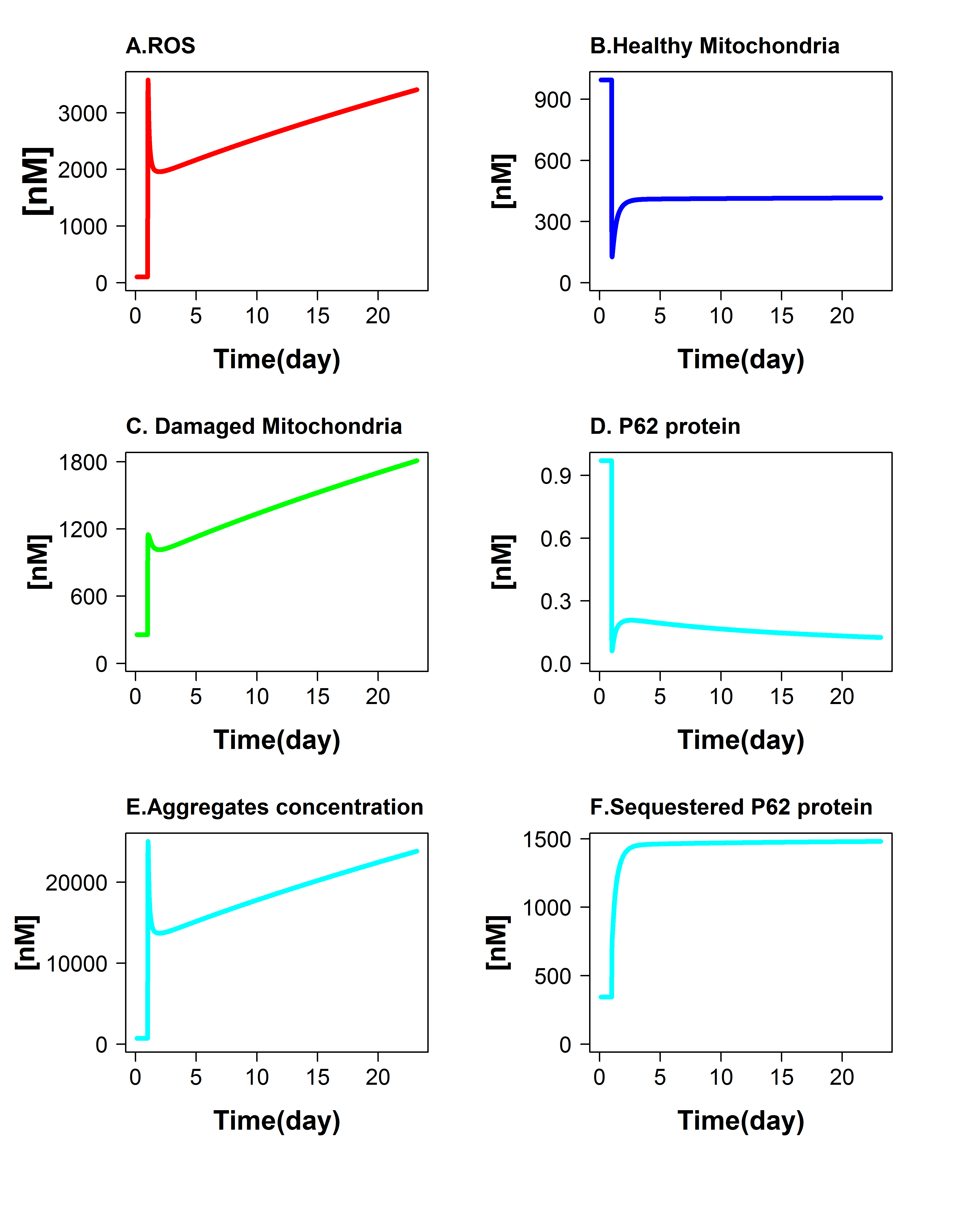
**Supplemental Material. Design 5. Alfa-synuclein.**

**Figure 3**

Model Synuc=7-ROS\_up, Figure 3

The response to 10 fold increase of ROS synthesis when alfa-synuclein is present. The perturbation (increase of ROS synthesis starts form steady stater reached at Fugure 2 (after the addition of alfa-synuclein)

1. aggregates concentration
2. p62
3. Damaged mitochondria
4. ROS
5. Healthy Mitochondria



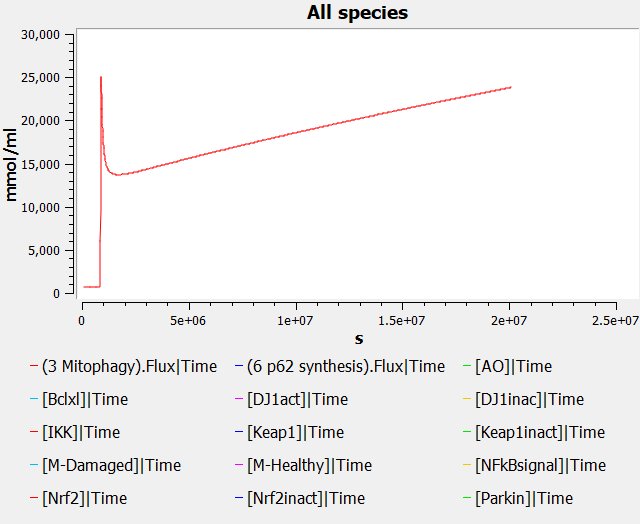


Fig 3B:

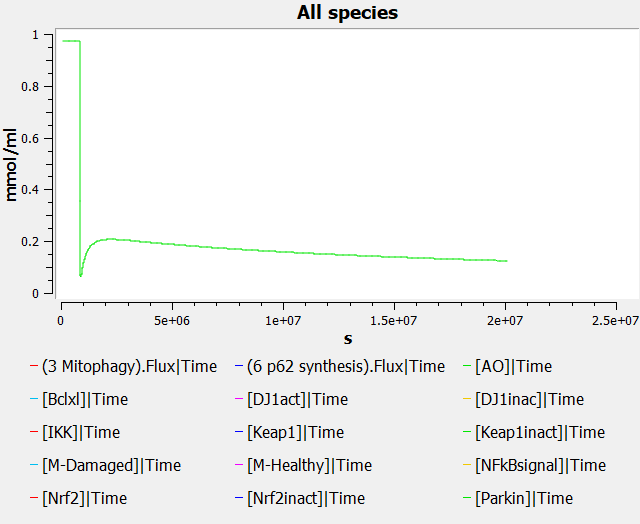


Fig 3C:

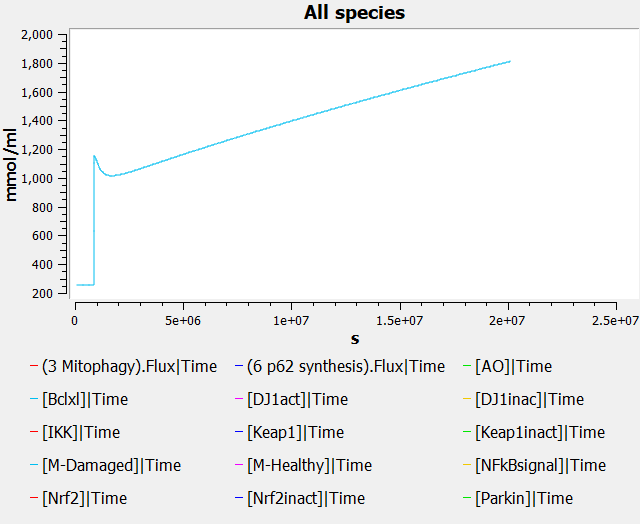


Fig 3D:

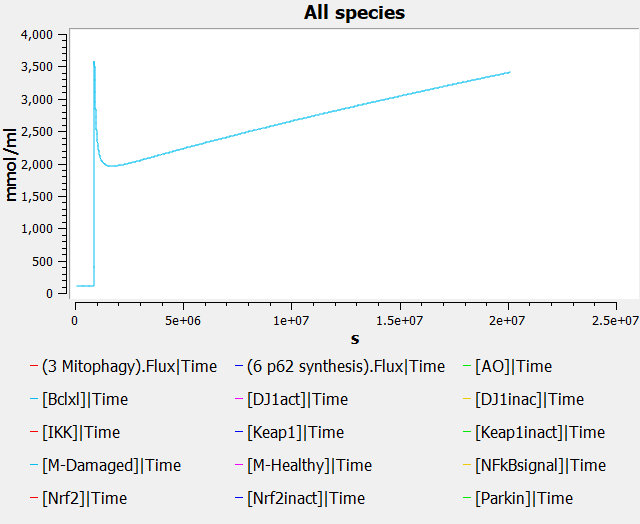


Fig 3E:

