

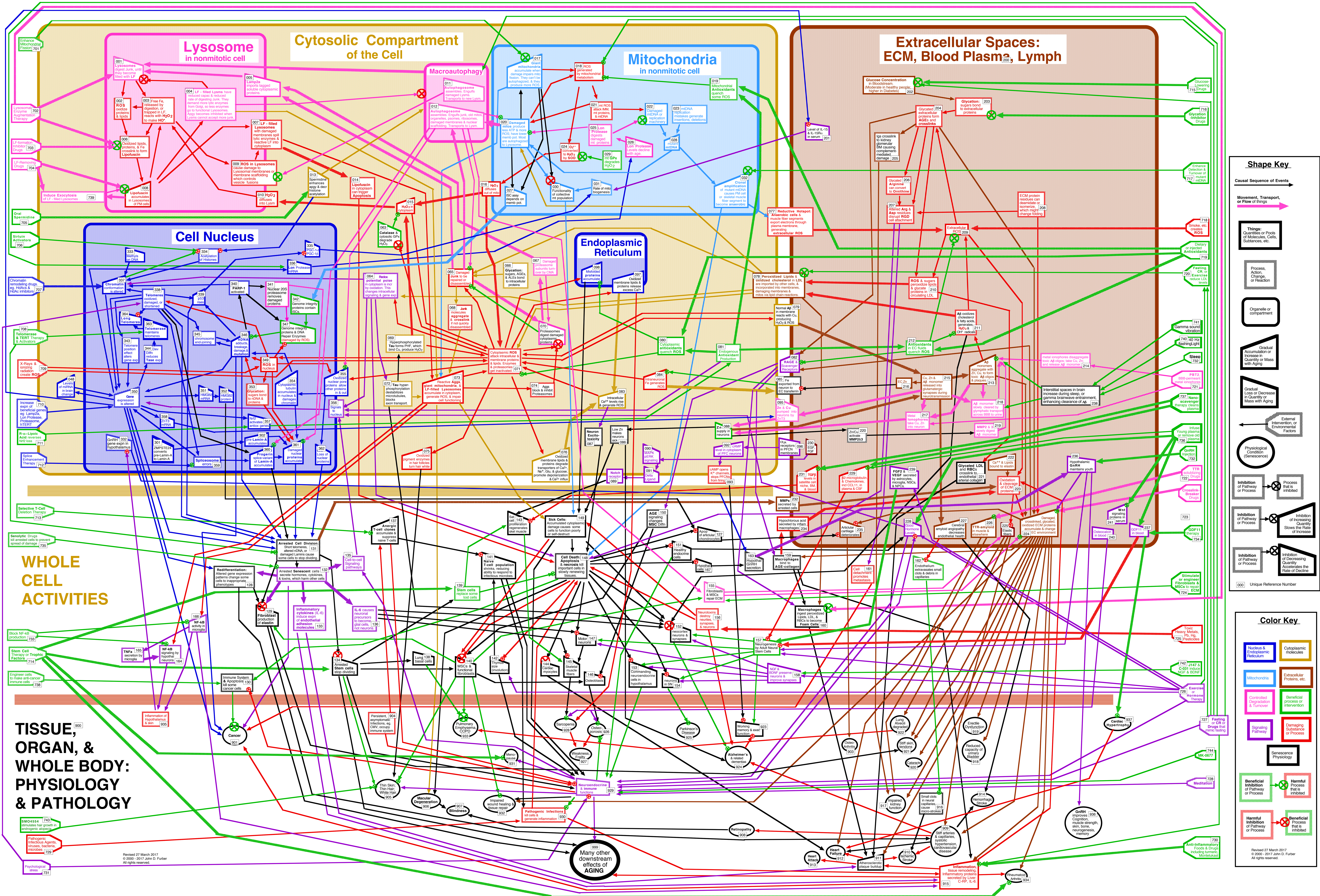
Systems Biology of Human Aging - Network Model 2017

Revised 27 March 2017
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Shape Key

Causal Sequence of Events →

Movement, Transport, or Flow of Things →

Things: Quantities or Pools of Molecules, Cells, Substances, etc. [Box]

Process: Change, or Reaction [Dashed Box]

Organelle or compartment [Oval]

Gradual Accumulation or Increase in Quantity or Mass with Aging [Trapezoid]

Gradual Loss or Decrease in Quantity or Mass with Aging [Inverted Trapezoid]

External Intervention or Factor [Circle]

Physiological Condition (Sensescence) [Circle]

Inhibition of Pathway or Process [Circle with slash]

Inhibition of Increasing Quantity or Process [Circle with slash]

Inhibition of Decreasing Quantity or Process [Circle with slash]

0001 Unique Reference Number

Color Key

Blue	Nucleus & Endoplasmic Reticulum	Yellow	Cytosolic molecules
Red	Lysosome	Green	Extracellular Proteins, etc.
Green	Mitochondria	Purple	Beneficial process or intervention
Purple	Controlled (Synaptotaxis & Turnover)	Orange	Damaging process or process
Orange	Signaling Pathway	Light Green	Beneficial process or process
Light Green	Sensescence Physiology	Light Purple	Harmful process that is inhibited
Light Purple	Beneficial inhibition of Pathway or Process	Light Orange	Harmful inhibition of Pathway or Process
Light Orange	Harmful inhibition of Pathway or Process	Light Blue	Beneficial process or process

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TISSUE, ORGAN, & WHOLE BODY: PHYSIOLOGY & PATHOLOGY

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Many other downstream effects of AGING