Monitoring protein carbonylation : 2D C=ODIGE
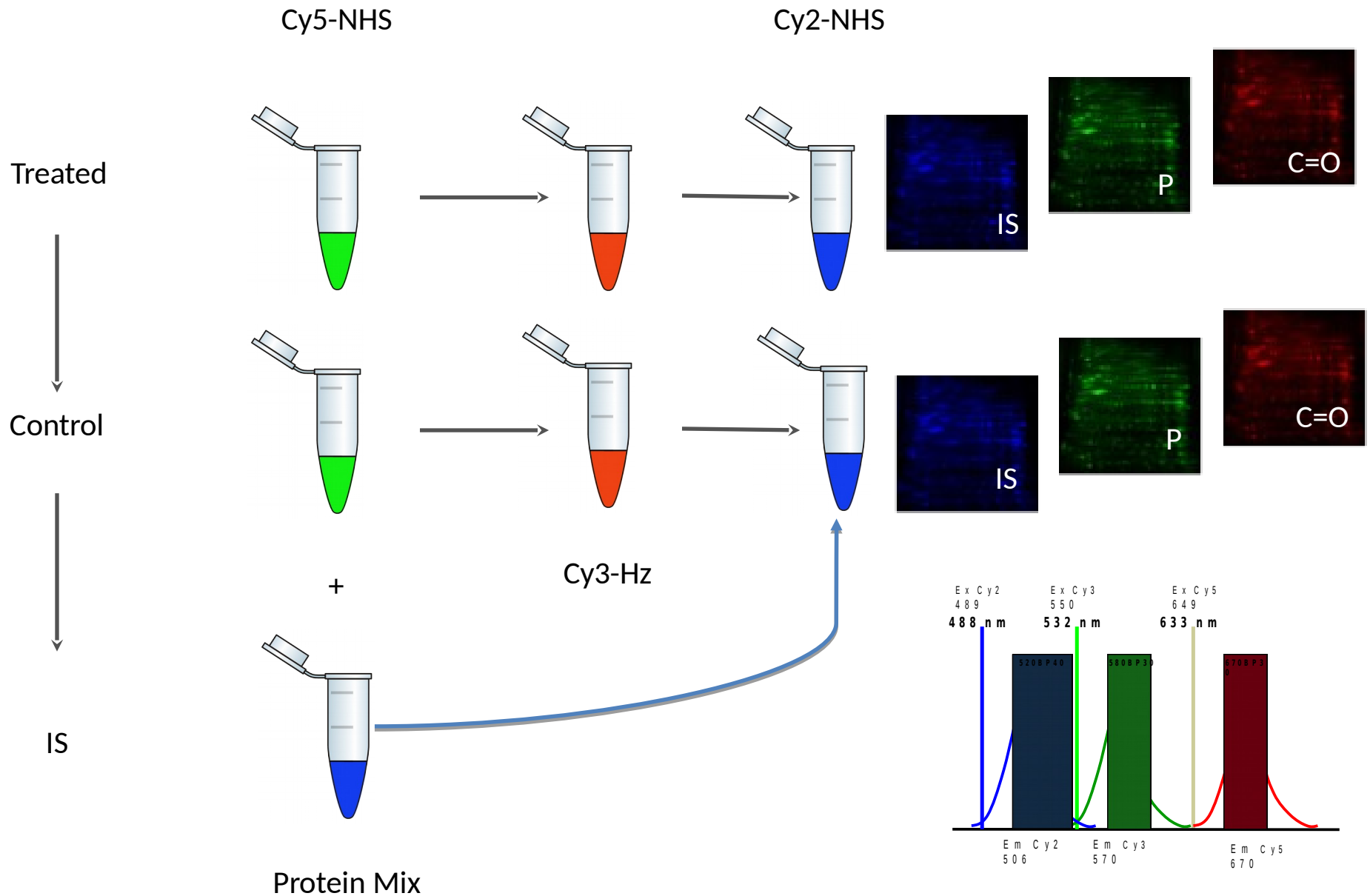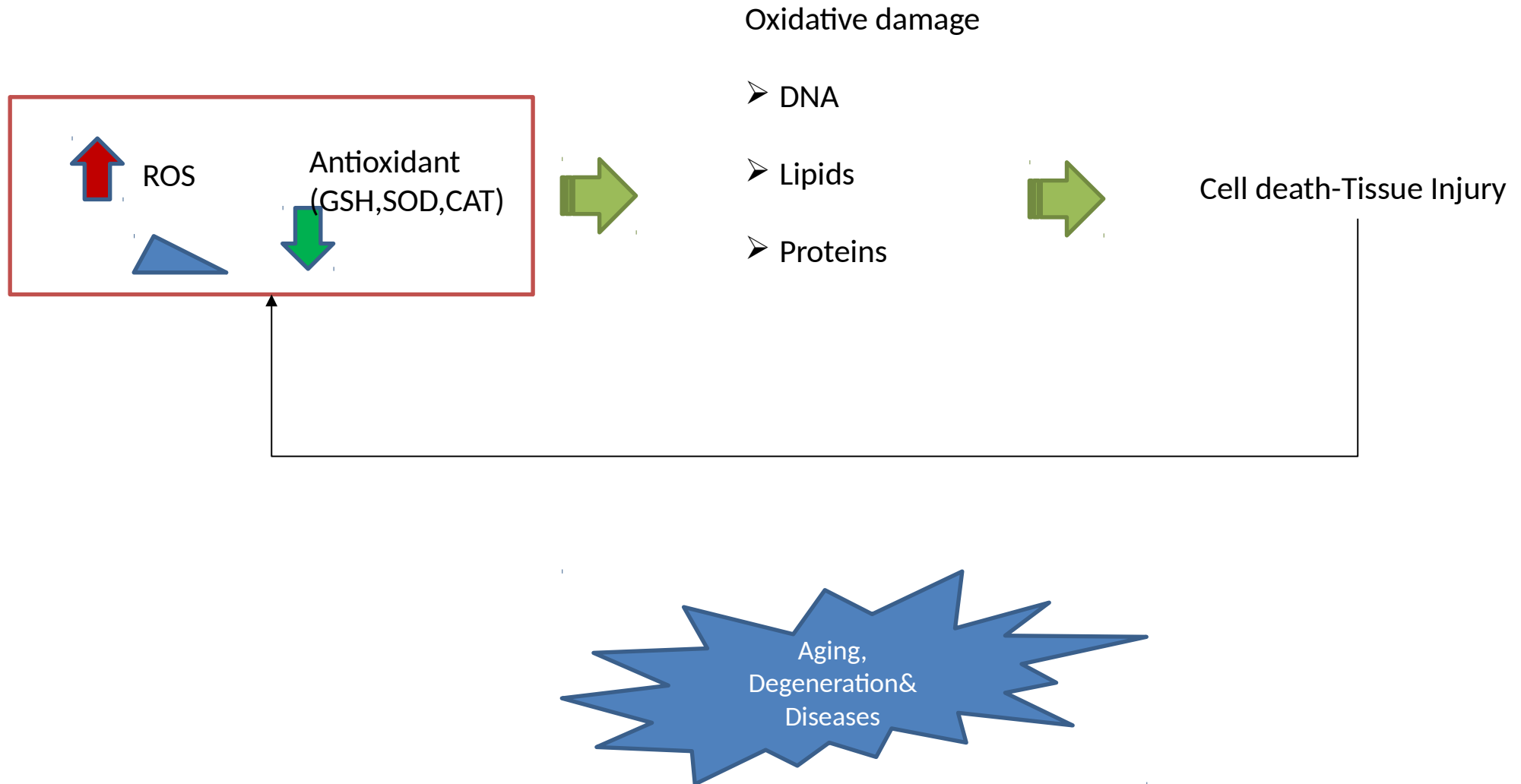
Protein carbonylation as marker of diseases

Oxidative damage

➤ DNA

➤ Lipids

➤ Proteins

ROS

Antioxidant
(GSH,SOD,CAT)

Cell death-Tissue Injury

Aging,
Degeneration&
Diseases

Protein Oxidative damage, 2D C=O DIGE

E. coli carbonylome