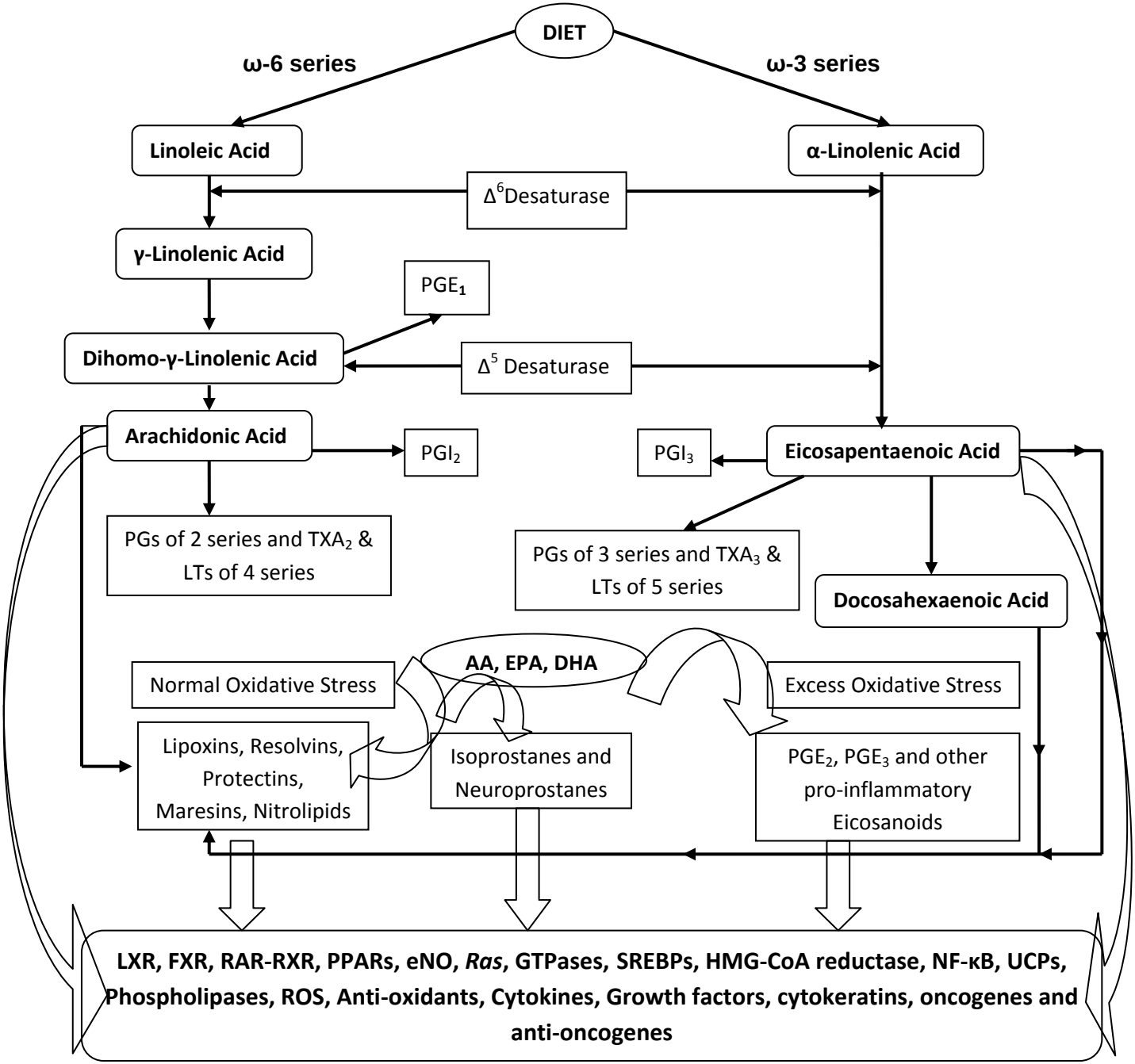
DIET
ω-6 series
ω-3 series
Linoleic Acid
α-Linolenic Acid
Δ6Desaturase
γ-Linolenic Acid
PGE1
Dihomo-γ-Linolenic Acid
Δ5 Desaturase
Arachidonic Acid
PGI2
PGI3
Eicosapentaenoic Acid
PGs of 2 series and TXA2 & LTs of 4 series
PGs of 3 series and TXA3 & LTs of 5 series
Docosahexaenoic Acid
AA, EPA, DHA
Normal Oxidative Stress
Excess Oxidative Stress
Lipoxins, Resolvins, Protectins, Maresins, Nitrolipids
Isoprostanes and Neuroprostanes
PGE2, PGE3 and other pro-inflammatory Eicosanoids
LXR, FXR, RAR-RXR, PPARs, eNO, Ras, GTPases, SREBPs, HMG-CoA reductase, NF-κB, UCPs, Phospholipases, ROS, Anti-oxidants, Cytokines, Growth factors, cytokeratins, oncogenes and anti-oncogenes