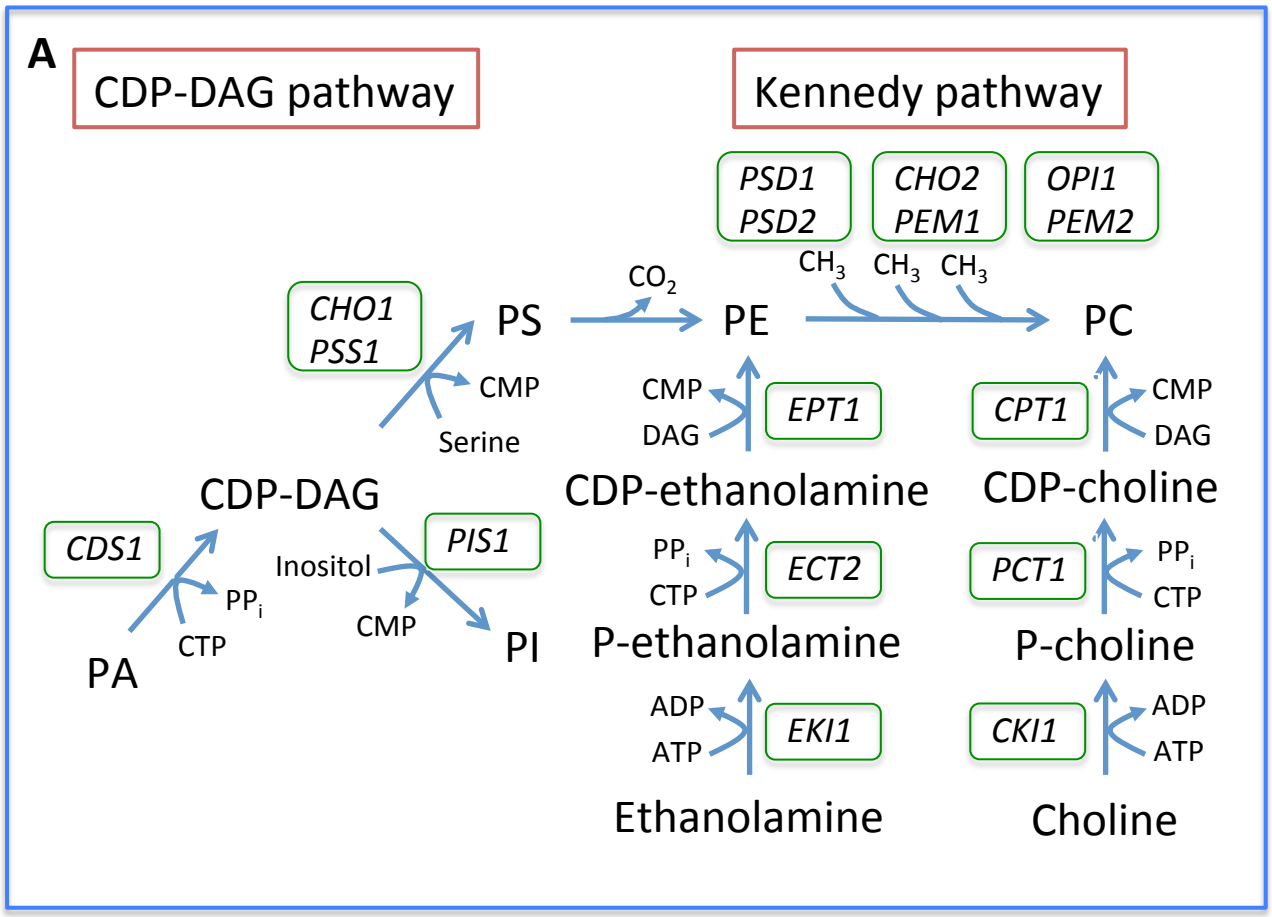
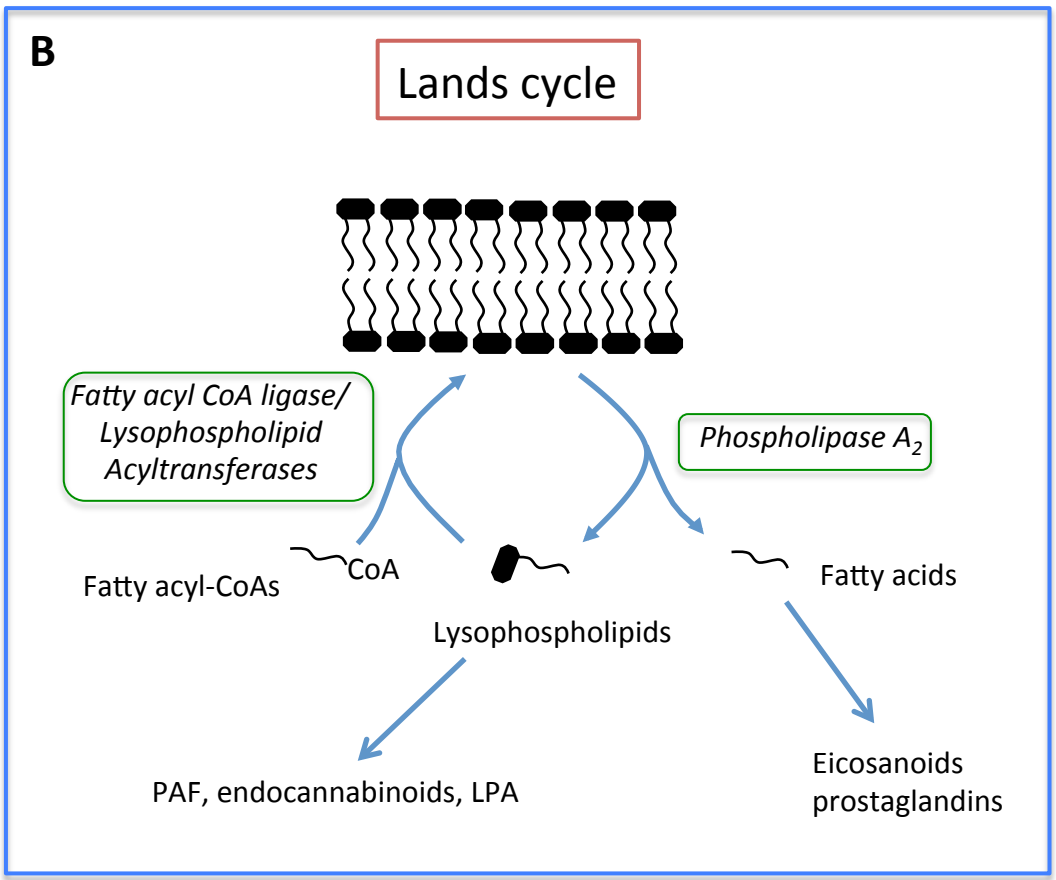
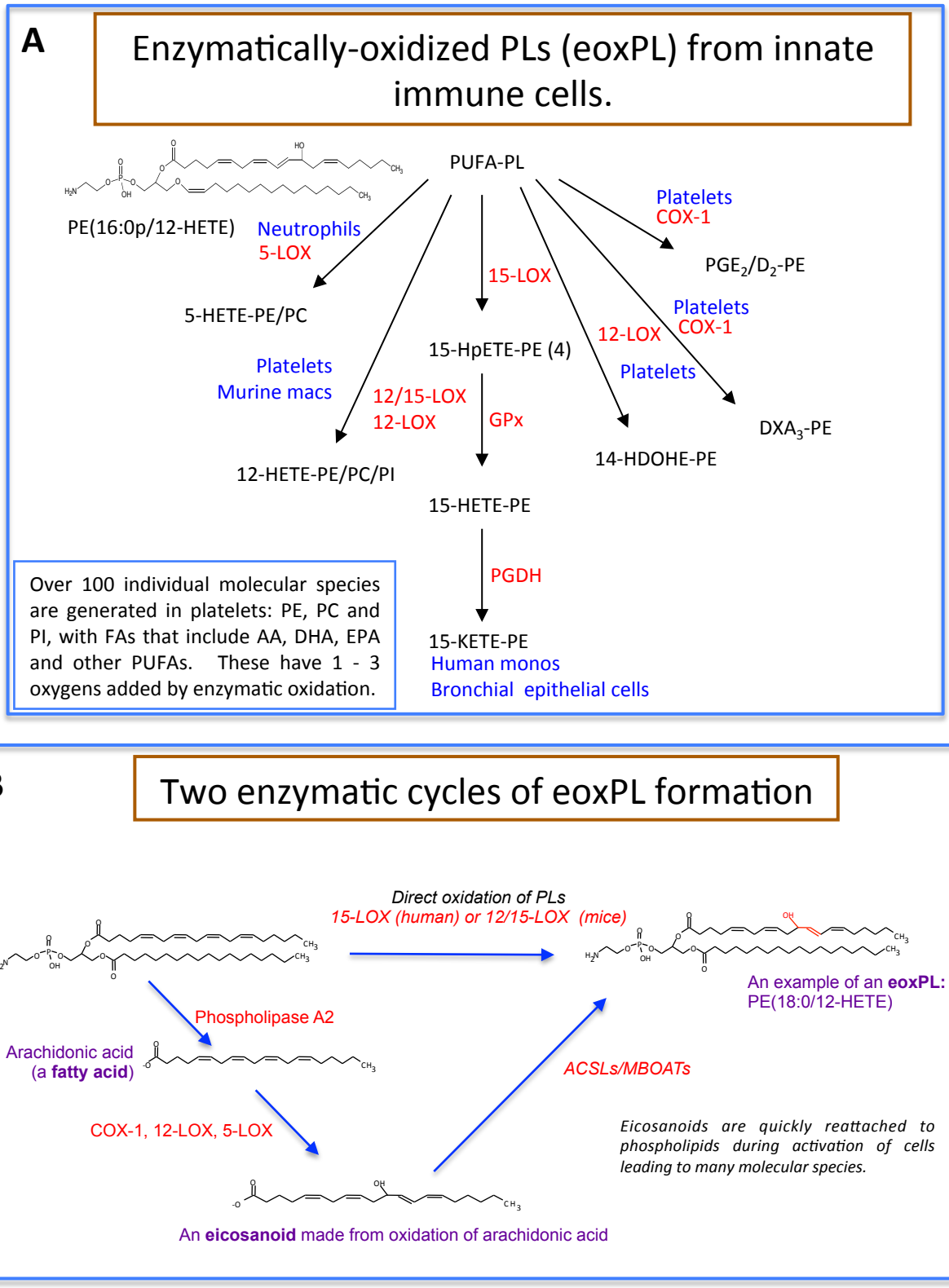
Supplementary Figure 1





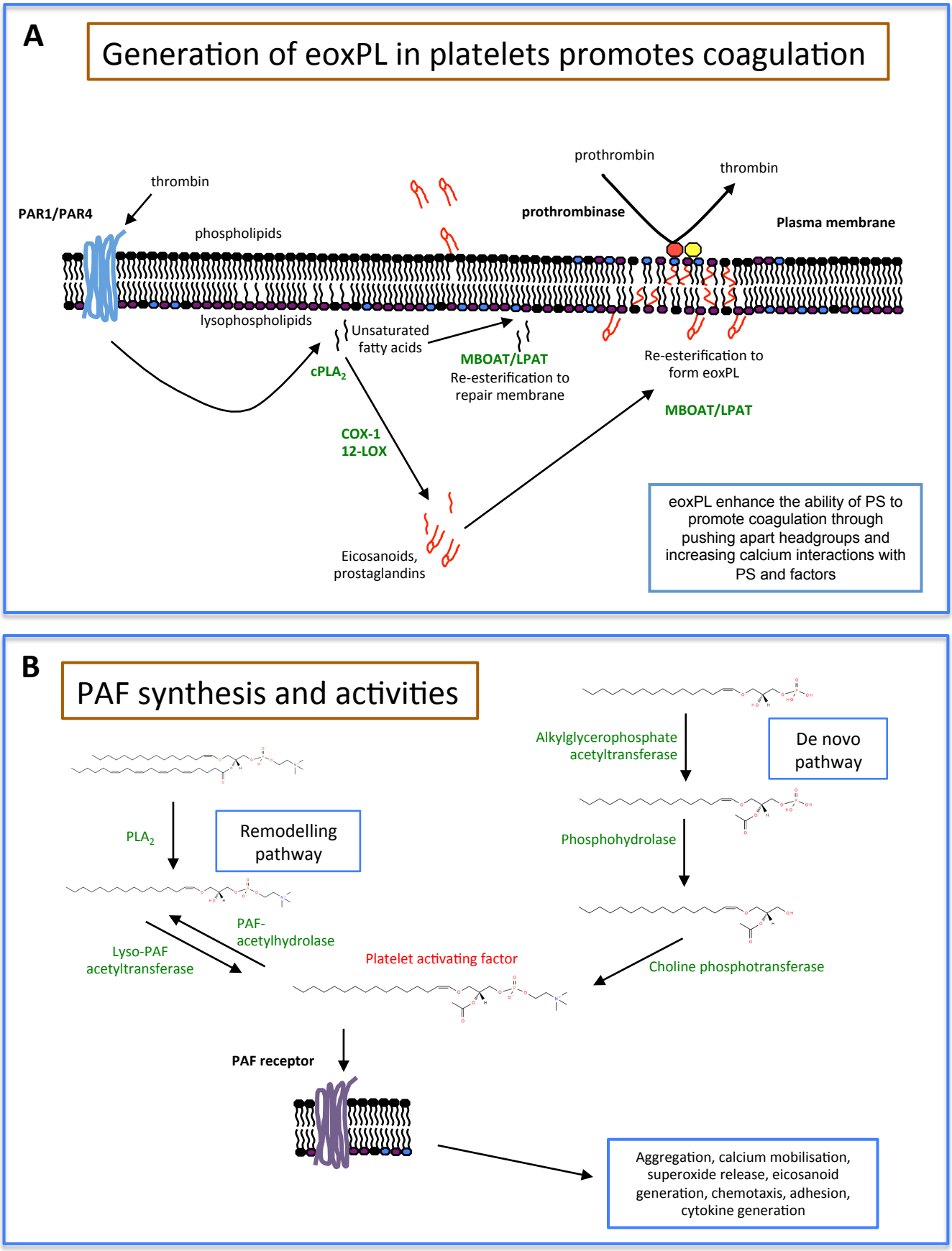
Supplementary Figure 1. Pathways of PL generation and recycling. Panel A. CDP-DAG and Kennedy pathways. Gene names are indicated in italics. Panel B. Lands cycle. Hydrolysis and re-acylation of fatty acids into lysoPLs to generate phospholipids.

Supplementary Figure 2



Supplementary Figure 2. Innate immune cells generate eoxPL via LOX or COX activities. Panel A. The diversity of eoxPL generated by immune cells. Panel B. Enzymatic cycles of eoxPL generation include direct oxidation and esterification of free acid eicosanoids into LPL, forming membrane-associated lipids.

Supplementary Figure 3



Supplementary Figure 3. Generation of eoxPL in platelets and the synthesis and activities of PAF. Panel A. eoxPL are generated in platelets following thrombin-mediated activation via a co-ordinated pathway including PLA2, COX-1/12-LOX, MBOAT/LPAT enzymes. Panel B. PAF is generated by two pathways and is potently bioactive through binding and activating the PAF receptor.