

Figure 6

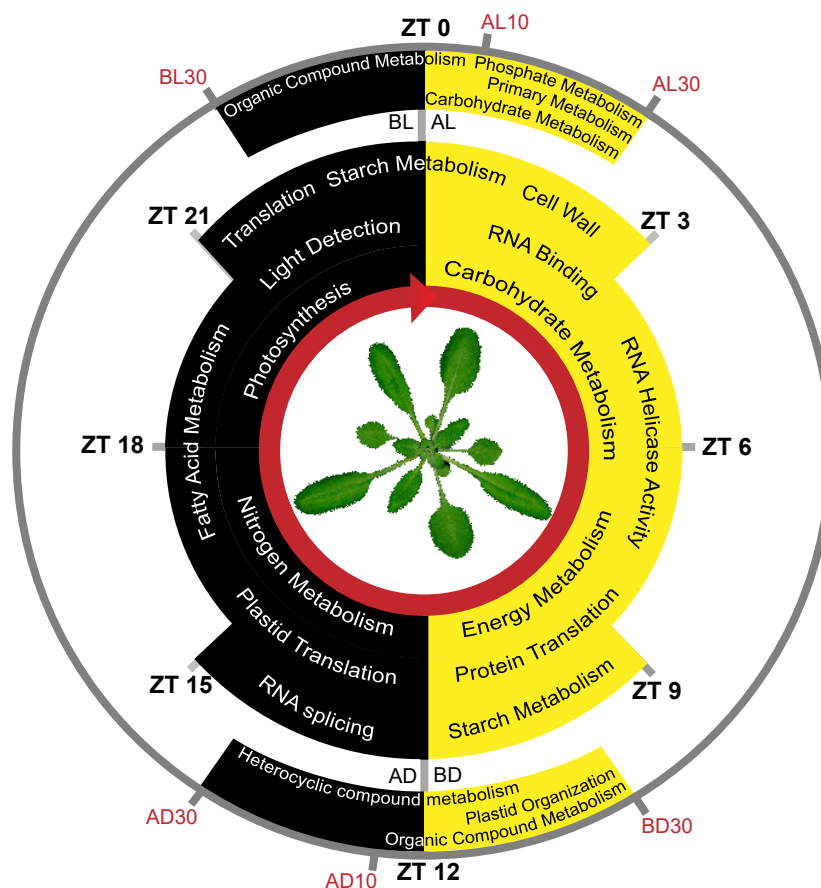


Figure 6: Schematic representation of Arabidopsis cellular and biological processes affected by diurnal fluctuations in protein abundance or protein phosphorylation. Inner terms represent processes maintaining proteins which exhibit a maximal change in abundance during the day (yellow) or night (black). Outer terms describe processes maintaining proteins undergoing changes in protein phosphorylation at the dark-to-light (D-L) transition (top) or light-to-dark (L-D) transition (bottom). The coverage of each inner ring relative to ZT0 (day) or ZT12 (night) represents the approximate time proteins (ZT) and phosphoproteins (30 min before light/dark and 10 or 30 min after light/dark) corresponding to each process exhibiting maximal change. The cellular and biological terms described here were obtained through GO term enrichment of each protein and phosphoprotein cluster as outlined in the materials and methods.