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Cover Illustration: In this volume, Antoine Baudry and Steve Kay review the recent advances in our understanding of the plant circadian clock. The cover image is a schematic representation of the ability of the clock to integrate environmental changes in light quality and temperature (input pathway) and the resulting influence on a large number of biological pathways (output pathway) through its wide impact on gene transcription, mRNA and protein turn-over. The complex gene network at the core of the oscillator is illustrated by the core feedback loop composed of the MYB-related transcription factors CCA1 and LHY, expressed in the morning, and the evening gene TOC1, founding member of the pseudo-response regulator family.

Image Credit: A. Baudry, S. Kay



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