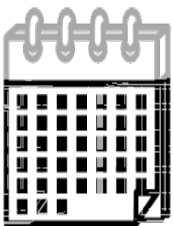


Hosted by Dr Wei WU



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All cellular processes are dynamic and rhythmic. Our research shows that ATXN2 and ATXN2L are crucial regulators of rhythmic translation in mammals, coordinating phase separation in the suprachiasmatic nucleus. This oscillatory mechanism guarantees the timely transition from mRNA processing to protein synthesis for key genes. Additionally, Dr Lin and her team are further exploring the role of phase separation in regulating circadian rhythm and cell cycle and investigating how the characteristics of protein phase separation affect compartmentalized cellular processes. Their finding the role of cellular condensates in adjusting circadian clocks and the cell cycle, opening up opportunities to explore their wider influence on the regulation of these cell processes.



*Seminar is
open for all
to attend.*

*Registration
is not
required.*

