

- P1. Sancar A, Lindsey-Boltz LA, Kang TH, Reardon JT, Lee JH, et al. (2010) Circadian clock control of the cellular response to DNA damage. *FEBS Lett* 584: 2618-2625.
- P2. El-Athman R, Fuhr L, Relogio A (2018) A Systems-Level Analysis Reveals Circadian Regulation of Splicing in Colorectal Cancer. *EBioMedicine* 33: 68-81.
- P3. Ye Y, Xiang Y, Ozguc FM, Kim Y, Liu CJ, et al. (2018) The Genomic Landscape and Pharmacogenomic Interactions of Clock Genes in Cancer Chronotherapy. *Cell Syst* 6: 314-328 e312.
- P4. Climente-Gonzalez H, Porta-Pardo E, Godzik A, Eyras E (2017) The Functional Impact of Alternative Splicing in Cancer. *Cell Rep* 20: 2215-2226.
- P5. Hu Y, Shmygelska A, Tran D, Eriksson N, Tung JY, et al. (2016) GWAS of 89,283 individuals identifies genetic variants associated with self-reporting of being a morning person. *Nat Commun* 7: 10448.
- P6. Wang J, Mauvoisin D, Martin E, Atger F, Galindo AN, et al. (2017) Nuclear Proteomics Uncovers Diurnal Regulatory Landscapes in Mouse Liver. *Cell Metab* 25: 102-117.
- P7. He E, Kapuy O, Oliveira RA, Uhlmann F, Tyson JJ, et al. (2011) System-level feedbacks make the anaphase switch irreversible. *Proc Natl Acad Sci U S A* 108: 10016-10021.
- P8. Ferrell JE, Jr., Tsai TY, Yang Q (2011) Modeling the cell cycle: why do certain circuits oscillate? *Cell* 144: 874-885.
- P9. Suter DM, Molina N, Gatfield D, Schneider K, Schibler U, et al. (2011) Mammalian genes are transcribed with widely different bursting kinetics. *Science* 332: 472-474.
- P10. Hendriks GJ, Gaidatzis D, Aeschimann F, Grosshans H (2014) Extensive oscillatory gene expression during *C. elegans* larval development. *Mol Cell* 53: 380-392.
- P11. Druzd D, Matveeva O, Ince L, Harrison U, He W, et al. (2017) Lymphocyte Circadian Clocks Control Lymph Node Trafficking and Adaptive Immune Responses. *Immunity* 46: 120-132.
- P12. Elowitz MB, Leibler S (2000) A synthetic oscillatory network of transcriptional regulators. *Nature* 403: 335-338.
- P13. Aryal RP, Kwak PB, Tamayo AG, Gebert M, Chiu PL, et al. (2017) Macromolecular Assemblies of the Mammalian Circadian Clock. *Mol Cell* 67: 770-782 e776.
- P14. Cheng X, Ferrell JE, Jr. (2018) Apoptosis propagates through the cytoplasm as trigger waves. *Science* 361: 607-612.
- P15. McShane E, Sin C, Zauber H, Wells JN, Donnelly N, et al. (2016) Kinetic Analysis of Protein Stability Reveals Age-Dependent Degradation. *Cell* 167: 803-815 e821.

- P16. Schwanhauser B, Busse D, Li N, Dittmar G, Schuchhardt J, et al. (2011) Global quantification of mammalian gene expression control. *Nature* 473: 337-342.
- P17. Klinger B, Sieber A, Fritsche-Guenther R, Witzel F, Berry L, et al. (2013) Network quantification of EGFR signaling unveils potential for targeted combination therapy. *Mol Syst Biol* 9: 673.
- P18. Lauriola M, Eneka Y, Zeisel A, D'Uva G, Roth L, et al. (2014) Diurnal suppression of EGFR signalling by glucocorticoids and implications for tumour progression and treatment. *Nat Commun* 5: 5073.
- P19. Uhlitz F, Sieber A, Wyler E, Fritsche-Guenther R, Meisig J, et al. (2017) An immediate-late gene expression module decodes ERK signal duration. *Mol Syst Biol* 13: 928.
- P20. Jamal-Hanjani M, Wilson GA, McGranahan N, Birkbak NJ, Watkins TBK, et al. (2017) Tracking the Evolution of Non-Small-Cell Lung Cancer. *N Engl J Med* 376: 2109-2121.
- P21. Trepte P, Kruse S, Kostova S, Hoffmann S, Buntru A, et al. (2018) LuTHy: a double-readout bioluminescence-based two-hybrid technology for quantitative mapping of protein-protein interactions in mammalian cells. *Mol Syst Biol* 14: e8071.
- P22. Hinze F, Drewe-Boss P, Milek M, Ohler U, Landthaler M, et al. (2018) Expanding the map of protein-RNA interaction sites via cell fusion followed by PAR-CLIP. *RNA Biol* 15: 359-368.
- P23. Schafer S, Viswanathan S, Widjaja AA, Lim WW, Moreno-Moral A, et al. (2017) IL-11 is a crucial determinant of cardiovascular fibrosis. *Nature* 552: 110-115.
- P24. Mure LS, Le HD, Benegiamo G, Chang MW, Rios L, Jillani N, Ngotho M, Kariuki T, Dkhissi-Benyahya O, Cooper HM, Panda S. (2018) Diurnal transcriptome atlas of a primate across major neural and peripheral tissues. *Science*. Mar 16;359(6381).
- P25. Wang J, Mauvoisin D, Martin E, Atger F, Galindo AN, Dayon L, Sizzano F, Palini A, Kussmann M, Waridel P, Quadroni M, Dulić V, Naef F, Gachon F. (2017) Nuclear Proteomics Uncovers Diurnal Regulatory Landscapes in Mouse Liver. *Cell Metab*.