Light O'Clock (Season 1) – Episode 3: Using light to tell time

Guidolin, C., & Lucas, R. (Hosts). (2024). *Light O'Clock (Season 1) – Episode 3: Using light to tell time* [Audio podcast episode]. Translational Sensory & Circadian Neuroscience Unit (MPS/TUM/TUMCREATE). https://www.tscnlab.org/podcast/s01e03 DOI: https://doi.org/10.17617/1.c9aw-4p24

Scientific publication on how to measure light while accounting for melanopsin

Lucas, R. J., Peirson, S. N., Berson, D. M., Brown, T. M., Cooper, H. M., Czeisler, C. A., Figueiro, M. G., Gamlin, P. D., Lockley, S. W., O'Hagan, J. B., Price, L. L. A., Provencio, I., Skene, D. J., & Brainard, G. C. (2014). Measuring and using light in the melanopsin age. *Trends in Neurosciences*, 37(1), 1-9. https://doi.org/10.1016/j.tins.2013.10.004

YouTube videos from our Seminar series related to ipRGCs and melanopsin

- Dr. Annette Allen (University of Manchester, UK). "What does time of day mean for vision?" (5 May 2022). https://youtu.be/ku8OvzRtwWQ?si=V1LowfV3mDiYCkas
- Dr. Pablo Barrionuevo (CONICET, Argentina). "How do ipRGCs work? Evidence from the pupil light reflex" (25 May 2022). https://youtu.be/ALzXG9aqCN8?si=8icrWbuZ5r1RWT-f
- Dr. Sara Patterson (University of Rochester). "Color vision circuits for primate ipRGCs" (7 July 2022). https://youtu.be/t2kqvyIB6bs?si=Ix855U3JOlytgLQW

Prof. Rob Lucas on melanopsin, body clocks and blindness

Edward Bains (Faculty of Life Sciences, University of Manchester) for Life Science Broadcast (8 February 2016) https://youtu.be/R8IXKtX5jqQ?si=hqDhSTJyVnRe1VbS