

ROBERTO DE LUCA BIOGRAPHY



Dr. Roberto De Luca is an Instructor in Neurology at Beth Israel Deaconess Medical Center and Harvard Medical School, Boston. He received his training in Biology at the University of Roma Tre, Italy, and completed his Ph.D. in Molecular Neurophysiology at Heinrich Heine University Düsseldorf, Germany. His research focuses on the neural circuits regulating sleep, wakefulness, rapid eye movement (REM) sleep, circadian rhythms, stress, respiration, metabolism, and autonomic physiology. His work combines transcriptomics, circuit mapping, electrophysiology, optogenetics, chemogenetics, pharmacology, and *in vivo* behavioral approaches to understand how genetically defined neuronal populations control physiological and behavioral states. He is currently on the promotion track to become Assistant Professor of Neurology at Beth Israel Deaconess Medical Center and Harvard Medical School.

References

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