

Orkan Ilbay

Basic Life Research Scientist, Pathology Sponsored Projects

Publications

PUBLICATIONS

- **A default silencing mechanism restrains stress-induced genes in *C. elegans*.** *bioRxiv : the preprint server for biology*
Ilbay, O., Gama, A. R., Jarosz, D. F., Morimoto, R. I., Fire, A.
2025
- ***C. elegans* LIN-28 controls temporal cell fate progression by regulating LIN-46 expression via the 5' UTR of lin-46 mRNA.** *Cell reports*
Ilbay, O., Nelson, C., Ambros, V.
2021; 36 (10): 109670
- **Regulation of nuclear-cytoplasmic partitioning by the lin-28-lin-46 pathway reinforces microRNA repression of HBL-1 to confer robust cell-fate progression in *C. elegans*.** *Development (Cambridge, England)*
Ilbay, O., Ambros, V.
2019; 146 (21)
- **Pheromones and Nutritional Signals Regulate the Developmental Reliance on let-7 Family MicroRNAs in *C. elegans*.** *Current biology : CB*
Ilbay, O., Ambros, V.
2019; 29 (11): 1735-1745.e4