

**Cristiano Bertolucci** (PhD in Animal Biology, University of Bologna, Italy, 1998) is Full Professor of Zoology and Ethology at the University of Ferrara in Italy. His research is focused on the study of the temporal and spatial organization of physiological and behavioural processes of vertebrates. Using a multidisciplinary approach (from gene to behaviour) his activity has allowed to achieve significant results for understanding the circadian timekeeping system. In the last years he investigated the evolution of the biological clock in animals adapted to extreme environmental conditions: the hypogean blind cavefish and the Antarctic krill. He had the opportunity to participate to several national and international scientific networks. This networking has resulted in a set of common publications, and in some academic invitations in order to develop common research programs. Currently, his scientific accomplishments include over a hundred articles published in international peer-reviewed journals.

https://scholar.google.it/citations?user=CvuN6YUAAAAJ&hl=it

1. D'Agostino Y., Frigato E., Noviello T.M.R., Toni M, Frabetti F., Cigliano L., Ceccarelli M., Sordino P., Cerulo L., **Bertolucci C.**, D'Aniello S. (2022) Loss of circadian rhythmicity in *bdnf* knock-out zebrafish larvae. *iScience*, 25(4): 104054.

2. Urso I., Biscontin A., Corso D., **Bertolucci C.**, Romualdi C., De Pittà C., Meyer B., Sales G. (2022) A thorough annotation of the Krill transcriptome offers new insights for the study of physiological processes. *Scientific Reports*, 12: 11415.

3. Schalm G., Bruns K., Drachenberg N., Geyer N., Foulkes N.S., **Bertolucci C.**, Gerlach G. (2021) Finding Nemo's clock genes: Switch from nocturnal to diurnal activity in clownfish development. *Scientific Reports*, 11, 6801.

4. Vera L.M., Negrini P., Zagatti C., Frigato E., Sánchez-Vázquez F.J., **Bertolucci C.** (2013) Light and feeding entrainment of the molecular circadian clock in a marine teleost (*Sparus aurata*). *Chronobiol. Int.* 30(5), 649-661.

5. Cavallari N., Frigato E., Vallone D., Fröhlich N., Lopez Olmeda J.F., Foà A., Berti R., Sánchez Vázquez F.J., **Bertolucci C.**, Foulkes N.S. (2011) A Blind Circadian Clock in Cavefish Reveals that Opsins Mediate Peripheral Clock Photoreception. *PLoS Biology* 9(9): e1001142.