CURRICULUM VITAE

Last Name	**ORLANDI**
First Name	IVAN
Title	Dr.
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Teaching Career	2005-present: Assistant Professor of Molecular Biology, University of Milano-Bicocca
Teaching Activities	2005-present: Technologies for Biotechnologies, module of Practical Course in Molecular Biology, SSD BIO/11, in the bachelor degree in Biotechnologies of the University of Milano-Bicocca 2019/2020: Cellular Biotechnologies, SSD BIO/11, in the bachelor degree in Biotechnologies of the University of Milano-Bicocca 2017-present: Marine Molecular Biology, SSD BIO/11, in the International master degree in Marine Sciences of the University of Milano-Bicocca
Other Activities	Researcher Coordinator of the PLS (Piano Lauree Scientifiche) for Biotechnologies
Research Activities	My research activity is focused on: • the mechanism of cellular aging, by using budding yeast as model organism, and in particular the role of sirtuins as regulator of cellular metabolism ang gene expression. • the effects of different biotic and environmental stressors on reef coral species in laboratory and tropical ecosystems in collaboration with the research team of Marhe - The Marine Research and High Education Center.
List of 10 main Publications of the last 5 years	1. Orlandi I et al., (2020) Nicotinamide, Nicotinamide Riboside and Nicotinic Acid-Emerging roles in replicative and chronological aging in yeast. Biomolecules. 10(4):604. d 2. Orlandi I et al., (2020) Assays for monitoring the effects of nicotinamide supplementation on mitochondrial activity in Saccharomyces cerevisiae. Methods Mol Biol. 2138:243-250. 3. Magrì A, et al., (2020) Deletion of Voltage-Dependent Anion Channel 1 knocks mitochondria down triggering metabolic rewiring in yeast. Cell Mol Life Sci. 77(16):3195-3213. 4. Seveso D. et al., (2020) Investigating the heat shock protein response involved in coral bleaching across scleractinian species in the central Red Sea. Coral Reefs 39(1):85-98 5. Orlandi I et al., (2018). Altered expression of mitochondrial NAD+ carriers influences yeast chronological lifespan by modulating cytosolic and mitochondrial metabolism. Front Genet 9:676. 6. Seveso D, et al., (2018). Diel modulation of Hsp70 and Hsp60 in corals living in a shallow reef. Coral reefs 340:1-33. 7. Seveso D, et al. (2017). The cellular stress response of the scleractinian coral Goniopora columna during the progression of the black band disease. Cell Stress Chaperones 22(2): 225-236.

	8. Orlandi I, et al., (2017). During yeast chronological aging resveratrol supplementation results in a short-lived phenotype Sir2-dependent. Redox Biol 12: 745-754. 9. Orlandi I et al., (2017). Nicotinamide supplementation phenocopies SIR2 inactivation by modulating carbon metabolism and respiration during yeast chronological aging. Mech Ageing Dev 161(Pt B): 277-287. 10. Seveso D, et al., (2016). Hsp60 expression profiles in the reef-building coral Seriatopora caliendrum subjected to heat and cold shock regimes. Mar Environ Res 119: 1-11.