

Dr PATRICIA VENTURA

General director of THALASSA Marine research & Environmental awareness



CONTACT INFORMATION

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PROFILE

Born in Lisbon (Portugal), 30/09/1987
Driving license B and boat license
PADI Open Water Diver
www.researchgate.net/profile/Patricia_Ventura

EDUCATION AND TRAINING

2016 – PhD in Environmental Sciences

“Phenotypic plasticity in the symbiotic cnidarian *Anemonia viridis*: analysis of the stress response at different levels of structural complexity”
UMR 7138, Laboratoire Symbiose Marine (Nice)

2014 – Visiting researcher

Marine Biology and Ecology Research Centre (Université de Plymouth, UK)

2011 – Master in Marine Biodiversity and Conservation

“Comparison between hydroid fauna of Porto Cesareo and Otranto”
Ghent University (Belgique)

2009 – Bachelor in Biology

« *Elysia timida* and *Acetabularia acetabulum* – Photosynthesis in sacoglossan »
Lisbon University (Portugal)

WORK EXPERIENCE

Co-founder & manager of THALASSA Marine research & Environmental awareness

From June 2018

Research contract, Oceanography Institute Lisbon

Project SYMBIOSLUG – *Mollusc/algal chloroplast symbiosis: how efficient are chloroplasts kept in the cytosol of sea slugs in the absence of algal nuclei?*
2012 (6 months)

Specialised scientific animator Science4you

Teaching scientific workshops to children
2012 (5 months)

LANGUAGES

Portugais : mother tongue

Anglais : proficient user

Italien : proficient user

French : proficient user

Espagnol : Basic user

AREAS OF EXPERTISE

Benthic communities (méthode CARLIT)

Ichthyology

Eco-physiology

Marine protected areas

Impacts of climate change

Cellular culture of marine organisms

PAPERS PUBLISHED ON ISI JOURNALS:

Ventura, P., Toullec, G., Fricano, C., Chapron, L., Meunier, V., Rottinger, E., Furla, P., Barnay-Verder, S. (2017). Cnidarian primary cell culture as a tool to investigate the effect of thermal stress at cellular level. *Mar. Biotechnol*

Ventura, P., Jarrold, M. D., Merle, P. L., Barnay-Verdier, S., Zamoum, T., Rodolfo, ... & Furla, P. (2016). Resilience to ocean acidification: Decreased carbonic anhydrase activity in sea anemones under high pCO₂ conditions. *Marine Ecology Progress Series*

Ventura, P., Calado, G., Jesus, B., 2013. Photosynthetic efficiency and kleptoplast pigment diversity in the sea slug *Thuridilla hopei* (Vérany, 1853). *Journal of Experimental Marine Biology and Ecology*

Jesus, B., Ventura, P., Calado, G., 2010. Behaviour and functional xanthophyll cycle enhance photo-regulation mechanisms in the solar-powered sea slug *Elysia timida* (Risso, 1818). *Journal of Experimental Marine Biology and Ecology*

COMMUNICATIONS AT SCIENTIFIC CONFERENCES AND SYMPOSIA

Ventura, P., Toullec, G., Chapron, L., Furla, P., Barnay-Verdier, S. Stress response of gastrodermal primary cell culture from the temperate symbiotic cnidarian, *Anemonia viridis*. 13th International Coral Reef Symposium (ICRS 2016), Hawaii (USA).

Ventura, P., Merle, P-L., Zamoum, T., Rodolfo-Metalpa, R., Guibert, I., Furla, P. (2013) Activity of carbonic anhydrase in response to pCO₂ changes in the cnidarian-dinoflagellate symbiosis. CEPA, Lyon (France).

Ventura, P., Calado, G., Jesus, B., (2010) *Elysia timida* and *Acetabularia acetabulum* – Photosynthesis in sacoglossan. Portuguese Congress of Malacology 2010, CCMAR, Algarve (Portugal)