

## Curriculum vitae

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### 1. Personal data

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**Full name**

Miguel José Teodoro Correia

**National identity card**

11210215

**Birth place and date**

Lisboa 26-08-1977

**Nationality**

PORTUGAL

**Institutional address**

Universidade do Algarve - Campus Gambelas, Lab 1.19  
8000 Faro  
PORTUGAL

**Living address**

Urbanização Paraíso - Lote 2, 4º DRT. FRT.  
8700-254 Olhão  
PORTUGAL

**Contacts**

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Email: mtcorreia@ualg.pt  
Internet webpage (url): <http://fbh.planetaclix.pt/>



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### 2. Academic degrees

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Year	Academic degree	Institution	Classification
2006	MASTERS	Faculdade de Ciências da Universidade de Lisboa	Very good
2003	LICENCIATURA	Faculdade de Ciências do Mar e do Ambiente, Universidade do Algarve	13/20

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### 3. Previous and current scientific and/or professional activities

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Period	Position or category	Institution
May to June 2003	Scientific course in Aquaculture at Aquaculture Research and Development Facility (ARDF)	Ocean Science Centre, Memorial University of

		Newfoundland, Canadá
March 2003	Teaching assistant in Oceanografia Química in Biologia Marinha e Pescas course	FCMA, Universidade do Algarve
2001 to 2002	Field technician - Halobatrachus campaign	Grupo de Fisiopatologia Cardiovascular Comparada - CCMAR - UAlg
September 2001	Scientific technician - SIRIA Project	Instituto Hidrográfico e a Universidade do Algarve
January 2003 to July 2005	Research grant - (AQUASEPIA)	Universidade do Algarve - CCMAR
August 2007 to April 2008	Research grant – SeaHorse Applied Research (SHAR)	CCMAR, Lusoreef®
June & July 2008	Field technician – Seahorse Project ( <a href="http://seahorse.fisheries.ubc.ca/">http://seahorse.fisheries.ubc.ca/</a> )	Project Seahorse, UBC
January 2009 (ongoing)	PhD grant : “Long-snouted seahorse <i>Hippocampus guttulatus</i> (Pisces: Syngnathidae) restocking management in the South coast of Portugal.” – Fundação para a Ciência e Tecnologia (FCT) - SFRH/BD/41020/2007	Zoological Society of London; CCMAR, Universidade do Algarve

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#### 4. Area of scientific activity

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Marine Biology; Marine Ecology; Aquaculture;

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## **5. Domain of specialization**

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### **Domain of specializations**

Aquaculture; Ecology

### **Present research interests**

Aquaculture, ecology and behaviour of *Sepia officinalis*  
Aquaculture, ecology, behaviour and conservation of seahorses  
(*Hippocampus guttulatus* and *Hippocampus hippocampus*)

### **Other skills/activities**

Diver - P1- CMAS (2000) - Alfa Sub, Olhão.  
Nitrox Diver (2005) - Hidroespaço, Faro.

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## **6. Supervising experience**

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## **7. Participation in research projects**

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2008 – “Project Seahorse” as scientific technician. Project Seahorse, UBC, Canada.

2007/2008 - "SHAR" (Sea Horse Applied Research) as grant researcher. Lusoreef & CCMAR

2004/2005 - "AQUASEPIA" – Cuttlefish (*Sepia officinalis*) culture, as grant researcher. Universidade do Algarve.

2001/2002 - "Halobatrachus" as scientific technician - Grupo de Fisiopatologia Cardiovascular Comparada - CCMAR – Ualg

2001/2002 - "SIRIA" as scientific technician. Instituto Hidrográfico and Universidade do Algarve.

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## **8. Prizes and awards**

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## **9. Publications**

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### **Teses / Thesis**

2003 – Licenciatura’s Thesis: "Efeito da densidade de cultivo no crescimento e na reprodução de *Sepia officinalis* (Linnaeus, 1758)"

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2006 – Master’s Thesis: “Feeding requirements of cultured juvenile

cuttlefish, *Sepia officinalis* (Linnaeus, 1758)”

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### List of publications (peer reviewed)

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Correia, M., Domingues, P., Sykes, A., Andrade J.P., 2005. "Effects of culture density on growth and broodstock management of the cuttlefish, *Sepia officinalis* (Linnaeus, 1758)". *Aquaculture*, 245 (1-4):163-173

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A. V. Sykes, P. M. Domingues, M. Correia, J. P. Andrade, 2006. "Cuttlefish Culture – state of the art and future trends". *Vie et Milieu – Life & Environment*, 56 (2) : 129-137

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Palma, J., Correia, M., Andrade J.P. 2008. Usefulness of flat bottom tanks on the settlement of spider crab (*Maja squinado*, Herbst) larvae. *Aquaculture Research*. doi: 10.1111/j.1365-2109.2008.01943.x

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Correia, M., Palma, J., Kirakowski, T., Andrade, J.P. 2008. Effects of prey nutritional quality on the growth and survival of juvenile cuttlefish, *Sepia officinalis* (Linnaeus, 1758). *Aquaculture Research*, 39: 869-876

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Correia, M., Palma, J., Andrade, J.P., 2008. Effects of live prey availability on growth and survival in early stages of cuttlefish *Sepia officinalis* (Linnaeus, 1758) life cycle. *Aquaculture Research*, 39: 33-40.

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Palma, J., Bureau D. P., Correia, M., Andrade, J. P. Quantitative dietary requirement of juvenile grass shrimp, *Palaemonetes varians* (Leach) for lysine, methionine and arginine. *Aquaculture*. (Under revision).

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Palma, J. Stockdale, J. Correia, M. and Andrade, J.P. 2008 Growth and survival of adult long snout seahorse (*Hippocampus guttulatus*) using frozen diets. *Aquaculture*. doi: 10.1016/j.aquaculture.2008.03.019

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Palma, J., Bureau, D., Correia, M. & Andrade, J.P. Effects of temperature, density and early weaning on survival and growth of Atlantic ditch shrimp *Palaemonetes varians* larvae. *Aquaculture Research*. v. 40, n. 13, p. 1468-1473, 2009

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Caldwell, I.R., Correia, M., Vincent, A.C.J. & Palma, J. (2011), "Advances in tagging syngnathids, with the effect of dummy tags on behaviour of *Hippocampus guttulatus*". *Journal of Fish Biology* 78, 1769-1785.

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Correia, M., Palma, J. & Andrade J.P. Growth performance of the broad-nosed pipefish, *Syngnathus typhle* (L.) fed different natural diets. *Aquaculture Research*. Submitted

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## 10. Communications

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### Other oral communications

"Estado actual do cultivo de choco". IV Encontro Nacional de Pescas, Faro, Algarve. 2005.

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"Cultivo do choco - Desenvolvimento da sua produção e dietas associadas". III Encontro do CIMAR - Laboratório associado, Lisboa. 2005.

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### Posters in conferences

Effects of culture density on growth and broodstock management of the cuttlefish, *Sepia officinalis* (Linnaeus, 1758). European Aquaculture Society, Barcelona. 2004. (Poster)

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Quantitative dietary requirement of juvenile grass shrimp *Palaemonetes varians* (Leach) for Lysine, Methionine and Arginine. Palma, J., Bureau, D.P., Correia, M., Andrade, J.P. - XII International Symposium on Fish Nutrition & Feeding, Biarritz. 2006. (Poster)

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Growth performance of the early stages of broad-nosed pipefish, *Syngnathus typhle* (L.) fed different natural diets. Correia, M., Palma J. & Andrade, J.P. XIII International Symposium on Fish Nutrition & Feeding, Florianópolis, Brazil. 2008. (Poster)

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Palma, J.; Stockdale, J.; Correia, M.; Andrade, J.P.. Growth and survival of adult long snout seahorse (*Hippocampus guttulatus*) using frozen diets, 13th International Symposium on Fish Nutrition and Feeding, Florianópolis, 2008. (Poster)

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Correia, M.; Palma, J.; Koldewey, H.; Andrade, J.P. Use of artificial holdfast units as habitat enrichment for seahorses (*Hippocampus guttulatus*) in the Ria Formosa lagoon, South Portugal, Fifth International Public Aquarium Husbandry Series - Husbandry, Management and Conservation of Syngnathids Symposium, 2011. (Oral)

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Correia, M.; Palma, J.; Koldewey, H.; Andrade, J.P. Use of artificial holdfast units as habitat enrichment for seahorses (*Hippocampus guttulatus*) in the Ria Formosa lagoon, South Portugal, 2nd International Marine Conservation Congress (IMCC2), Vancouver, Canada, 2011 (Poster)

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Palma, J., Fialho, A., Correia, M. and Andrade, J.P. Courtship behavior and sex ratio effect on the reproductive behavior of the long snout seahorse, *Hippocampus guttulatus*". First Syngnathid Biology International

Symposium Fiskebäckskil, Sweden, 25-29 April, 2011. (Oral)

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Palma, J., Correia, M., Stockdale, J. and Andrade, J.P. (2011)“Size of prey ingested by Syngnathids. Are these fish gape-limited predators?”. First Syngnathid Biology International Symposium Fiskebäckskil, Sweden, 25-29 April, 2011. (Oral)

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Correia, M., Palma, J. and Andrade, J. P. “Growth performance of the early stages of broad-nosed pipefish, *Syngnathus typhle* (L.) fed different natural diets”. Fifth International Public Aquarium Husbandry Series - Husbandry, Management and Conservation of Syngnathids Symposium, Shedd Aquarium, Chicago, 1-7 November, 2011. (Poster)

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