

## Publications

Tidière M et al. 2023 Survival improvements of marine mammals in zoological institutions mirror historical advances in human longevity. *Proc. R. Soc. B* 290: 20231895. <https://doi.org/10.1098/rspb.2023.1895>

Monreal-Pawlowsky, T., Vaicekauskaitė, R., Palencia Membrive, G., Delfour, F., & Manteca, X. (2021). Goal-oriented behavioural and environmental enrichment in aquarium species. *Journal of Zoo and Aquarium Research*, 9(4), 273–280. <https://doi.org/10.19227/jzar.v9i4.588>

Delfour, F.; Vaicekauskaite, R.; García-Párraga, D.; Pilenga, C.; Serres, A.; Brasseur, I.; Pascaud, A.; Perlado-Campos, E.; Sánchez-Contreras, G.J.; Baumgartner, K.; Monreal-Pawlowsky, T. Behavioural Diversity Study in Bottlenose Dolphin (*Tursiops truncatus*) Groups and Its Implications for Welfare Assessments. *Animals* 2021, 11, 1715. <https://doi.org/10.3390/ani11061715>

Delfour F, Monreal-Pawlowsky T, Vaicekauskaite R, Pilenga C, Garcia-Parraga D, Rödel HG, García Caro N, Perlado Campos E, Mercera B. Dolphin Welfare Assessment under Professional Care: ‘Willingness to Participate’, an Indicator Significantly Associated with Six Potential ‘Alerting Factors’. *Journal of Zoological and Botanical Gardens*. 2020; 1(1):42-60. <https://doi.org/10.3390/jzbg1010004>

S.M. Thornton, T. Monreal-Pawlowsky, M.F. Stidworthy & K.L. Bellamy (2018). Scuticociliate Management Philosophy in Public Aquaria. *Fish Veterinary Journal* (2018) (16) 14 - 27

Monreal-Pawlowsky, T., Marco-Cabedo V, Sanjosé J., Palencia Membrive G., Fuentes O., Jiménez E., Manteca X. (2017). Environmental enrichment facilitates release and survival of an injured loggerhead sea turtle (*Caretta caretta*) after ten years in captivity. *Journal of Zoo and Aquarium research* DOI10.19227/jzar.v5i4.303

Monreal-Pawlowsky, T., Marco-Cabedo V, Sanjosé J., Palencia Membrive G., Fresno L., Martorell J. (2017). Pneumocoelom related to physiotherapy in a loggerhead sea turtle (*Caretta caretta*) with fore flipper paralysis. *The Aquatic Veterinarian, Volume 11-1*.

Monreal-Pawlowsky T, Fernández-Bellon Hand Puigdemont A (2017). Suspected Allergic Reaction in Bottlenose Dolphins (*Tursiops truncatus*). *Journal of Veterinary Science & Animal Husbandry Volume 5 | Issue 1*

Monreal-Pawlowsky, T., Carbajal, A., Tallo-Parra, O., Sabés-Alsina, M., Monclús, L., Almunia, J., ... & Lopez-Bejar, M. (2017). Daily salivary cortisol levels in response to stress factors in captive common bottlenose dolphins (*Tursiops truncatus*): a potential welfare indicator. *Veterinary Record*, vetrec-2016.

Monreal-Pawlowsky, T., Thornton, S. M., Stidworthy, M. F., & Hale, P. (2016). Coeliotomy under general anaesthesia and removal of an enterolith from a sand tiger shark (*Carcharias taurus*). *Veterinary Record Case Reports*, 4(2), e000357.

Pawlowsky-Glahn, V., Monreal-Pawlowsky, T., & Egozcue, J. J. (2016). Representation of Species Composition. In *Compositional Data Analysis: CoDaWork, L'Escala, Spain, June 2015 6* (pp. 167-180). Springer International Publishing.

Alonso-Farré, J. M., Gonzalo-Orden, M., Barreiro-Vázquez, J. D., Barreiro-Lois, A., André, M., Morell, M., Llarena-Reino, T. Monreal-Pawlowsky & Degollada, E. (2015). Cross-sectional Anatomy, Computed Tomography and Magnetic Resonance Imaging of the Head of Common Dolphin (*Delphinus delphis*) and Striped Dolphin (*Stenella coeruleoalba*). *Anatomia, histologia, embryologia*, 44(1), 13-21.

Alonso-Farré, J. M., Gonzalo-Orden, M., Llarena-Reino, M., Monreal-Pawlowsky, T., & Degollada, E. (2013). Transitional cell carcinoma in the urinary bladder of a common dolphin

(*Delphinus delphis*) with emphasis on imaging diagnosis. *Imaging*, 6(1).

## **Conference papers**

### European Association for Aquatic Mammals (Valencia 2023)

Poster: Vaicekauskaite, R.; Monreal-Pawlowsky, T.; Delfour, F.; Jonas Livet, J.; De Luca, A.; Fountoulaki, M.V.; Olvera-Maneu, S.; Carbajal, A.; Lopez-Bejar, M.  
“Analysis of cortisol in bottlenose dolphins’ gastric fluid in view of monitoring animal welfare under human care.”

### EAZA Welfare Forum, Apeneul Primate Park, Netherlands 2022

Baumgartner K., Delfour F., Hüttner T., Garcia Hartmann M., Monreal-Pawlowsky T., Garcia-Párraga D., Manteca X., Tallo-Parra O., Pilenga C., Ternes K., Mercera B., Simon R. and von Fersen L. Vaicekauskaite R.  
“DolphinWET (Welfare Evaluation Tool): a protocol for the evaluation of Bottlenose dolphins (*Tursiops truncatus*) welfare.

### International Association for Aquatic Animal Medicine (virtual 2022)

Poster: Monreal-Pawlowsky T., Vaicekauskaite R., Sánchez-Contreras G.J., De Luca A., Olvera-Maneu S., Lopez-Bejar M.  
“First findings of changes in the gastric fluid of Bottlenose dolphins (*Tursiops truncatus*) as a potential welfare indicator”

### European Association for Aquatic Mammals (virtual 2022)

Vaicekauskaite R., Monreal-Pawlowsky T., Olvera-Maneu S., De Luca A., Fountoulaki V.M., Lopez-Bejar M.  
“Gastric fluid as a potential welfare indicator for Bottlenose dolphin (*Tursiops truncatus*)”

Vaicekauskaite R., Monreal-Pawlowsky T., Garcia Caro N., Livet J., Egozcue J.J., Pawlowsky-Glahn V., Delfour F., Manteca X.  
“How to know if your dolphin is motivated”

### International Marine Animals Trainers Association, Chicago, 2022

Vaicekauskaite R., De Luca A., Fountoulaki V.M., Livet J. and Monreal-Pawlowsky T.  
“May association between individual dolphins, their personality and their attitude tell us something about their welfare?”

Poster: Vaicekauskaite R. Baumgartner K., Delfour F., Hüttner T., Garcia Hartmann M., Monreal-Pawlowsky T., Garcia-Párraga D., Manteca X., Tallo-Parra O., Pilenga C., Ternes K., Mercera B., Simon R. and von Fersen L.  
“DolphinWET (Welfare Evaluation Tool): a protocol for the evaluation of Bottlenose dolphins (*Tursiops truncatus*) welfare”

### ABMA Conference (Virtual 2021)

Ruta Vaicekauskaite<sup>1\*</sup>, Jonas Livet<sup>2</sup>, Tania Monreal-Pawlowsky<sup>3</sup>, Fabienne Delfour<sup>4</sup>  
Environmental enrichment induces positive changes in Black Sea bottlenose dolphins’ attitude and increases their willingness to participate during public presentations

### European Association for Aquatic Mammals (virtual 2021)

Baumgartner K.\*, Clegg I., Garcia-Párraga D., Delfour F., Garcia Hartmann M., Mercera B., Monreal-Pawlowsky T., Pilenga C., Tallo-Parra O., von Fersen L., Vaicekauskaite R., Manteca X.  
Dolphin-WET (Welfare Evaluation Tool): a protocol for the evaluation of bottlenose dolphins (*Tursiops truncatus*) welfare

Monreal-Pawłowsky T., Vaicekauskaite R., Pilenga C., Garcia-Parraga D., Rödel H.G., García Caro N., Perlado Campos E., Mercera B., Delfour F.  
Dolphin Welfare Assessment under Professional Care: 'Willingness to Participate', an Indicator Significantly Associated with Six Potential 'Alerting Factors'

Vaicekauskaite R., Livet J., Monreal-Pawłowsky T., Delfour F.  
First evidence that environmental enrichment could help assessing dolphins' welfare

Wildlife Research and Conservation (WRC2019), Berlin, Germany 2019

Carbajal A, Casas-Díaz E, Rodríguez S, González-Fernández M, Palencia G, Monreal-Pawłowsky T, Lopez-Bejar M  
Two novel matrices for non-invasive monitoring of glucocorticoids in loggerhead sea turtles (*Caretta caretta*).

International Conference on Environmental Enrichment, Kyoto, Japan 2019

Ruta Vaicekauskaite, Jonas Livet, Tania Monreal-Pawłowsky, Fabienne Delfour  
Environmental enrichment as a tool towards positive changes of Black Sea bottlenose dolphins' attitude and participations during educational presentations

International Association of Aquatic Animal Medicine, Long beach, California, USA, May 2018.

Monreal-Pawłowsky, T., Marco-Cabedo V., Palencia Membrive G., Fuentes, O., Manteca, X.  
Poster: Environmental Enrichment Facilitates Release And Survival Of An Injured Loggerhead Sea Turtle (*Caretta caretta*) After Ten Years In Captivity. IAAAM Preceedings.

International Association of Aquatic Animal Medicine, Cancún, México, May 2017.

Monreal-Pawłowsky, T., Marco-Cabedo V., Sanjosé J., Palencia Membrive G., Fresno L., Martorell J.  
Poster: Pneumocoelom related to physiotherapy in a loggerhead sea turtle (*Caretta caretta*) with fore flipper paralysis. IAAAM Preceedings.

European Association of Aquatic Mammals, Genoa, Italy, March 2017.

Álvarez I.\*, Martín Y., Clegg I., López-Béjar M., Monreal Pawłowsky T., Almunia J.  
Multi facility study to determine a salivary cortisol baseline in *Tursiops truncatus*. EAAM Proceedings.

Sociedad Española de Cetaceos (SEC). Gran Canaria, Spain, October 2016.

Marco-Cabedo V., Monreal-Pawłowsky, T., Sanjosé J., Palencia Membrive G., Fresno L., Martorell J.  
Poster: Pneumocoelom of pulmonary origin in a loggerhead sea turtle.  
SEC Proceedings.

European Association for Aquatic Mammals. Benidorm, Spain, March 2016.

Perlado Campos, E., Cuenca, H., Jenniu, J., Robaina, I.I., Barros-García, C., Marco-Cabedo, V., Monreal-Pawłowsky, T.  
Development, evaluation and results of a yearly enrichment plan in Bottlenose Dolphins (*Tursiops truncatus*), EAAM Proceedings, page 14.

Barros-García, C., Moittié, S., Marco-Cabedo, V., Monreal-Pawłowsky, T., Amat-Sanjuan, A.I.  
Case Report: Deep Pyoderma in a Harbour Seal (*Phoca vitulina*), EAAM Proceedings, page 22.

Barros-García, C., García-Párraga, D., Marco-Cabedo, V., Valls, M., Álvaro, T., Monreal-Pawłowsky, T., Saviano, P., Milo, C., Sánchez-Calabuig, M.J., García-Vázquez, F.A. Intravaginal artificial insemination in Bottlenose Dolphins (*Tursiops truncatus*) using refrigerated semen and

medical training. EAAM Proceedings, page 26.

International Workshop on Compositional Data Analysis, L'Escala (Girona), Spain, June 2015.

Pawłowsky-Glahn V; Monreal-Pawłowsky, T.; Egozcue J.  
Representation of species composition.

European Association of Zoo and Wildlife Veterinarians. Barcelona, Spain May 2015.

Thornton S., Monreal-Pawłowsky T., Stidworthy M., Hale P.  
Poster: Exploratory Coeliotomy and removal of an enterolith from a sand tiger shark (*Carcharias taurus*). EAZWV Proceedings 2015.

European Association for Aquatic Mammals. Tenerife, Spain, March 2014.

Monreal-Pawłowsky, T., Carbajal, A., Sabés-Alsina, M., Talló-Parra, O., Alcázar, R., Gallardet, M., Garcia, N., González, R., López, E., Martín, M., Sanz, A., Viedma, M., Fernández, H., Lopez-Bejar, M.  
Salivary cortisol in *Tursiops truncatus*: a complementary management tool. EAAM Proceedings 2014.

Monreal-Pawłowsky, T., Puigdemont, A., Alcázar R., Gallardet M., Garcia N., González, R., López E., Martín M., Sanz, A., Viedma, M., Fernández H.  
Poster: Possible allergic reaction in *Tursiops truncatus*: a case report. EAAM Proceedings 2014.

European Association for Aquatic Mammals. Barcelona, Spain , March 2011.

Alcázar R., Gallardet M., Garcia N., López E., Martín M., Monreal T., Moore, S. Sanz, A.  
Poster: Transition from a milk-feeding to a fish-feeding diet with minimal impact on a social group of California sea lions.

Alcázar R, Gallardet M, Garcia N, López E, Martín M, Mas A, Monreal T, Moore, S., Sanz, A.  
Poster: Process and problems during the training of Bottlenose dolphins for biosonar research. EAAM Proceedings 2011.

European Association of Zoo and Wildlife Veterinarians. Budapest, Hungary, 2006.

Rosas-Rosas AG, Pérez Torres A, Reyes Montes MC, Rodríguez-Arellanes G, Frías de León G, Taylor ML, Monreal T, Parás A, Garner MM, Juan-Sallés C (co-autor)  
Disseminated *Histoplasma capsulatum* var. *capsulatum* infection in a mara (*Dolichotis patagonum*) and a wallaby (*Macropus rufogriseus*). Proceedings EAZWV 2006, pages 209-10

Posters:

Juan-Sallés C, *et al*: Megaloshizont infection in Harris' hawks (*Parabuteo unicinctus*) and a trumpeter (*Psophia crepitans*) with evidence of hemosporidian-associated hemolytic anemia. Proceedings EAZWV 2006, pages 299-300

Juan-Sallés C, *et al*: Ovarian torsion in a green (*Iguana iguana*) and a rhinoceros (*Cyclura cornuta*) iguana. Proceedings EAZWV 2006, pages 301-2

Juan-Sallés C, *et al*: Crop stasis and gastrointestinal bleeding associated with proventricular foreign body in a palm cockatoo (*Probosciger aterrimus*) chick. EAZWV Proceedings 2006, pages 297-8

American Association of Zoo Veterinarians. Tampa (FL), USA, 2006.

Rosas-Rosas AG, Pérez Torres A, Reyes Montes M, Rodríguez-Arellanes G, Frías de León G, Taylor ML, Monreal T, Parás A, Garner MM, and Juan-Sallés C.  
Disseminated histoplasmosis in two maras (*Dolichotis patagonum*) and a wallaby (*Macropus rufogriseus*) in captivity. AAZV Proceedings 2006, pages 51-52.

40º Congreso Nacional de AVEPA, Barcelona, Spain, 2005.

Juan-Sallés C, Tania Monreal Pawlowsky, Michael M. Garner: Torsión ovárica asociada a retención de huevos e infección bacteriana sistémica en una iguana (*Iguana iguana*). (Ovaric torsion associated to egg retention and systemic bacterial infection in Green Iguana (*Iguana iguana*)). AVEPA Proceedings 2005, page 271.