

Publications by Dr. Rachel V. Pool

Peer reviewed scholarship

- Ten S, **Pool RV**, Raga JA, Sweet AD, Aznar FJ. 2025. Phylogeography of *Pennella* (Copepoda: Siphonostomatoida: Pennellidae) indicates interoceanic dispersal mediated by cetacean and fish hosts. *Parasitology*, 152(2), 1 – 10. DOI: 10.1017/S0031182025000101
- Pons-Bordas C, **Pool RV**, Ten S, Armenteros-Santos JA, Balseiro A, Fayos M, Aznar FJ. 2024. *Anisakis* spp. as indicators of latitudinal movements of short-finned pilot whales, *Globicephala macrorhynchus*, in the Northeast Atlantic. *Marine Mammal Science*, e13191. DOI: 10.1111/mms.13191
- **Pool RV**, Pons-García N, Consoli F, Rivero M, Bombardi C, Raga JA, Aznar FJ. 2024. Fine-scale distribution of the lungworm *Halocercus delphini* in the lungs of the striped dolphin, *Stenella coeruleoalba*: implications about migration pathways and functional significance. *Marine Mammal Science*, 40(3), e13111. DOI:10.1111/mms.13111
- **Pool R**, Shiozaki A, Raga JA, Fernández M, Aznar FJ. 2023. Molecular phylogeny of the Pseudaliidae (Nematoda) and the origin of associations between lungworms and marine mammals. *International Journal for Parasitology: Parasites and Wildlife*, 20, 192 – 202. DOI: [10.1016/j.ijppaw.2023.03.002](https://doi.org/10.1016/j.ijppaw.2023.03.002)
- Balseiro, A., Herrero-García, G., Royo, L.J., Armenteros, J.A., Altonaga, J.R., Monasterio, J.M., Pool, R.V., García Marín, J.F., Pis-Millán, J.A., 2023. Hypertrophic osteopathy in a common dolphin (*Delphinus delphis*) with concurrent pulmonary *Halocercus delphini* infestation. *Heliyon*, 9(6), e17011. DOI:10.1016/j.heliyon.2023.e17011.
- **Pool R**, Romero-Rubira C, Raga JA, Fernández M, Aznar FJ. 2021. Determinants of lungworm specificity in five cetacean species in the western Mediterranean. *Parasites & Vectors*, 14(1), pp.1-14. DOI: 10.1186/s13071-021-04629-1.
- Pons-Bordas C, Hazenberg A, Hernandez-Gonzalez A, **Pool RV**, Covelo P, Sánchez-Hermosin P, López A, Saavedra C, Fraija-Fernández N, Fernández M, Aznar FJ. 2020. Recent increase of ulcerative lesions caused by *Anisakis* spp. in cetaceans from the north-east Atlantic. *Journal of Helminthology*, 94, e127. DOI:10.1017/S0022149X20000115
- **Pool R**, Fernández M, Chandradeva N, Raga JA, Aznar FJ. 2020. The taxonomic status of *Skryabinialius guevarai* Gallego & Selva, 1979 (Nematoda: Pseudaliidae) and the synonymy of *Skryabinialius* Delyamure, 1942 and *Halocercus* Baylis & Daubney, 1925. *Systematic Parasitology*, 97(4), pp.389-401. DOI: 10.1007/s11230-020-09921-9
- **Pool R**, Chandradeva N, Gkafas G, Raga JA, Fernández M, Aznar FJ. 2020. Transmission and predictors of burden of lungworms of the striped dolphin (*Stenella coeruleoalba*) in the Western Mediterranean. *Journal of Wildlife Diseases*, 56(1), pp.186-191. DOI: 10.7589/2018-10-242

Conferences and Symposia presentations

- **Pool RV**, Fernandez C, García-Gallego A, Brotons JM, Arcangeli A, Raga JA, Fraija-Fernández N. 2025. Species-specific assay for detecting and monitoring endangered sperm whales (*Physeter macrocephalus*) in the Mediterranean Sea. *European Cetacean Society (ECS) Conference*. São Miguel, Azores, Portugal, poster presentation.
- **Pool RV**, Caputo M, Kiszka JJ. 2024. Into the shallows: atypical behaviour of the Risso's dolphin around the atoll of St. Joseph, Amirantes. *Society of Marine Mammalogy (SMM) Conference*. Perth, Australia, poster presentation.
- Medrano MX, **Pool R**, Fernandez C, Raga JA, Fraija-Fernández N. 2024. Todo desde una muestra de agua: Monitoreo de cetáceos, tortugas marinas y otros grandes vertebrados marinos en el Mediterráneo occidental mediante el estudio de ADN ambiental. *XIV Congreso de la Sociedad Española de Cetáceos (SEC)*. Castelldefels, Barcelona, poster presentation.
- **Pool RV**, Caputo M, Kiszka JJ. 2024. Into the shallows: atypical behaviour of the Risso's dolphin around the atoll of St. Joseph, Amirantes. *Seychelles Marine Science Symposium (SMSS)*. Eden Island, Seychelles, oral presentation.
- **Pool RV**, Pons-García N, Consoli F, Rivero M, Bombardi C, Raga JA., Aznar FJ. 2024. Fine-scale distribution of the lungworm *Halocercus delphini* in the lungs of the striped dolphin, *Stenella coeruleoalba*: implications about migration pathways and functional significance. *European Cetacean Society (ECS) Conference*. Catania, Sicily, Italy, poster presentation.
- Fernández C, **Pool R**, Raga JA, Tintoré J, Martínez J, March D, Fraija-Fernández N. 2023. Monitoring cetacean biodiversity using environmental DNA. *V Iberian Congress of Biological Systematics*. Madrid, Spain, poster presentation.
- Pons-Bordas C, **Pool RV**, Ten S, Armenteros Santos JA, Balseiro A, Fayos M, Abad Castiella C, Aznar FJ. 2023. *Anisakis* spp. as biomarkers of residency of short-finned pilot whales, *Globicephala macrorhynchus*, in the Iberian Atlantic coast. *European Cetacean Society (ECS) Conference*. Galicia, Spain, poster presentation.
- Pons-Bordas C, **Pool RV**, Ten S, Armenteros Santos JA, Balseiro A, Fayos M, Abad Castiella C, Aznar FJ. 2021. *Anisakis* spp. como marcadores de movilidad geográfica del calderón tropical (*Globicephala macrorhynchus*) en el norte de España. *XII Congreso de la Sociedad Española de Cetáceos (SEC)*, online oral presentation.
- **Pool RV**, Romero Rubira C, Raga JA, Fernández M, Aznar FJ. 2021. Lungworm communities in cetaceans from the Mediterranean Sea. *European Association for Aquatic Mammals (EAAM) Conference*. Valencia, Spain, online oral presentation.
- **Pool R**, Chandradeva N, Gkafas G, Raga JA, Fernández M, Aznar FJ. 2019. Are lungworm infections in the striped dolphin, *Stenella coeruleoalba*, higher during DMV outbreaks? *World Marine Mammal Conference*. Barcelona, Spain, poster presentation.

- **Pool R**, Chandradeva N, Gkafas G, Raga JA, Aznar FJ, Fernández M. 2018. Predictors of lungworm burden in the striped dolphin, *Stenella coeruleoalba*, in the western Mediterranean. *Congreso de la Sociedad Española de Cetáceos (SEC)*. Bilbao, Spain, oral presentation.
- **Pool R**, Chandradeva N, Gkafas G, Raga JA, Aznar FJ, Fernández M. 2018. Evidence for vertical transmission of the lungworm *Skrjabinalius guevarai*. *Congreso de la Sociedad Española de Cetáceos (SEC)*. Bilbao, Spain, poster presentation.