

PEER-REVIEWED PUBLICATIONS

H-index : 19, 1315 citations (the students I have supervised are underlined)

37. Tartu S, Blévin P, Bustnes J, Chierici M, Fransson A, Gabrielsen G, **Goutte A**, Sauser C, Sire J, Bustamante P, Angelier F, Bech C, Moe B, Barbraud C, Chastel O (in revision) A U-turn for mercury concentrations over 20 years: how do environmental conditions affect exposure in Arctic seabirds?
36. Léandri-Breton DJ, Tarroux A, Elliott K, Legagneux P, Angelier F, Blévin P, Bråthen VS, Fauchald P, **Goutte A**, Jouanneau W, Tartu S, Moe B, Chastel O (2021) Long-term tracking of an Arctic-breeding seabird indicates high fidelity for pelagic wintering areas. *Marine Ecology Progress Series* <https://doi.org/10.3354/meps13798>
35. Molbert N, Agostini S, Alliot F, Angelier F, Biard C, Decencièrre B, Leroux-Coyau M, Millot A, Ribout C, **Goutte A**. (2021) Parasitism reduces oxidative stress of fish host experimentally exposed to PAHs. *Ecotoxicology and Environmental Safety* 219, 112322, <https://doi.org/10.1016/j.ecoenv.2021.112322>
34. Burkart L, Olivier A, Lourdais O, Vittecoq M, Blouin-Demers G, Alliot F, Le Gac C, Martin N, **Goutte A**. (2021) Determinants of legacy POPs levels in the European pond turtle (*Emys orbicularis*) in the Camargue wetland, France. *Environmental Toxicology and Chemistry* <https://doi.org/10.1002/etc.5077>
33. Colin Y, Berthe T, Molbert N, Guigon E, Vivant AL, Alliot F, Collin S, **Goutte A**, Petit F. (2021) Urbanization constrains skin bacterial phylogenetic diversity in wild fish populations and correlates with the proliferation of aeromonads. *Microbial Ecology*. <https://doi.org/10.1007/s00248-020-01650-2>
32. Molbert N, Angelier F, Alliot F, Ribout C, **Goutte A**. (2021) Fish from urban rivers and with high pollutant levels have shorter telomeres. *Biology Letters*. 17(1):20200819
31. Aviles A, Cordeiro A, Maria A, Bozzolan F, Boulogne I, Dacher M, **Goutte A**, Alliot F, Maibeche M, Massot M, Siaussat D (2020) Effects of DEHP on ecdysteroid pathway, sexual behaviour and offspring of the moth *Spodoptera littoralis*. *Hormones and Behavior* 125, 104808
30. **Goutte A**, Alliot F, C. Budzinski H, Simonnet-Laprade C, Santos R, Labadie P (2020) Trophic transfer of micropollutants and their metabolites in an urban riverine food web. *Environmental Science and Technology* 54(13), 8043-8050.
29. **Goutte A**, Molbert N, Guérin S, Richoux R, Rocher V (2020) Monitoring freshwater fish communities in large rivers using environmental DNA metabarcoding and a long-term electrofishing survey. *Journal of Fish Biology* 97(2), 444-452
28. Molbert N, Alliot F, Médoc V, Biard C, Meylan S, Jacquin L, Santos R, **Goutte A** (2020) Potential benefits of acanthocephalan parasites for chub hosts in polluted environments. *Environmental Science and Technology* 54(9):5540-5549.
27. Simonnet-Laprade C, Budzinski H., Maciejewski K, Le Menach K, Santos R, Alliot F, **Goutte A**, Labadie P (2019). Contribution of targeted and unknown precursors to the apparent biomagnification of perfluoroalkyl acids (PFAAs) in the food web of an urban river. *Environmental Science: Processes and Impacts* 21, 1864-1874
26. Molbert N, Alliot F, Santos R, Chevreuil M, Mouchel J-M, **Goutte A** (2019). Multi-residue methods for the determination of organic micropollutants and their metabolites in fish tissues from the Marne hydrographic network (France). *Environmental Toxicology and Chemistry* 38(9):1866-1878
25. Aviles A., Boulogne I, Durand N, Maria A, Cordeiro A, Bozzolan F, **Goutte A**, Alliot F, Dacher F, Renault D, Maibeche M, Siaussat D. (2019) Effects of DEHP on post-embryonic development, nuclear receptor expression, metabolites and ecdysteroids concentrations of *S. littoralis*, *Chemosphere*, 215:725-738

24. **Goutte A**, Meillère A, Barbraud C, Budzinski H, Labadie P, Peluhet L, Weimerskirch H, Delord K, Chastel O (2018) Demographic, endocrine and behavioral responses to mirex in the South polar skua. *The Science of the Total Environment* 631-632, 317-325
23. Fourgous C., Chevreuil M., Alliot F., Amilhat E. Faliex E. Paris-Palacios S. Teil M.J, **Goutte A.** (2016) Phthalate metabolites in the European eel (*Anguilla anguilla*) from Mediterranean coastal lagoons. *The Science of the Total Environment* 569-570, 1053–1059
22. Bustamante, P., Carravieri, A., **Goutte, A.**, Barbraud, C., Delord, K., Chastel, O., Weimerskirch, H., Cherel, Y. (2016) High feather mercury concentrations in the wandering albatross are related to sex, breeding status and trophic ecology with no demographic consequences. *Environmental Research* 144, 1-10.
21. **Goutte, A.**, Cherel, Y., Churlaud, C., Ponthus, J-P, Massé, G., Bustamante, P. (2015) Trace elements in Antarctic fish species and the influence of foraging habitats and dietary habits on mercury levels. *The Science of the Total Environment* 538, 743–749.
20. Costantini, D., **Goutte, A.**, Barbraud, C., Faivre, B., Sorci, G., Weimerskirch, H., Delord, K., Chastel, O. (2015) Demographic responses to oxidative stress and inflammation in the wandering albatross (*Diomedea exulans*). *PLOS ONE*, 10(8): e0133967
19. **Goutte, A.**, Barbraud, C., Herzke, D., Bustamante, P., Angelier, F., Tartu, S., Clément-Chastel, C., Moe, B., Bech, C., Gabrielsen, G.W., Bustnes, J.O., Chastel, O. (2015) Survival rate and breeding outputs in a high Arctic seabird exposed to legacy persistent organic pollutants and mercury. *Environmental Pollution* 200, 1-9.
18. **Goutte, A.**, Charrassin, J-B., Cherel, Y., Carravieri, A., De Grissac, S., Massé, G. (2014) Importance of ice algal production for top predators: new insights using sea ice biomarkers. *Marine Ecology Progress Series* 513, 269-275
17. Tartu, S., Bustamante, P., **Goutte, A.**, Bustnes, J.O., Cherel Y., Weimerskirch, H., Chastel, O. (2014) Age related mercury contamination and endocrine disruption in a long-lived Antarctic bird, the snow petrel. *PLOS ONE* 9(7): e103642.
16. **Goutte, A.**, Barbraud, C., Meillère, A., Carravieri, A., Bustamante, P., Labadie, P., Budzinski, H., Delord, K., Cherel, Y., Weimerskirch, H., Chastel, O. (2014) Demographic consequences of heavy metals and persistent organic pollutants in a vulnerable long-lived bird, the wandering albatross. *Proceedings of the Royal Society B* 281, 20133313
15. **Goutte, A.**, Cherel Y., Ozouf-Crosta C., Robineau C., Lanshere J., Massé G. (2014) Seasonal contribution of sea ice organic matter in the diet of Antarctic fishes: a diatom-specific Highly Branched Isoprenoid approach. *Polar Biology* 37, 903-910
14. **Goutte, A.**, Angelier, F., Bech, C., Clément-Chastel, C., Dell'Omo, G., Gabrielsen, G.W., Lendvai, Á.Z., Moe, B., Noreen, E., Pinaud, D., Tartu, S., Chastel O. (2014) Annual variation in the timing of breeding, pre-breeding foraging areas and corticosterone levels in an Arctic population of black-legged kittiwakes. *Marine Ecology Progress Series* 496, 233-247
13. Jaeger, A., **Goutte, A.**, Lecomte, V.J., Richard, P., Chastel, O., Barbraud, C., Weimerskirch, H., Cherel, Y. (2014) Age, sex and breeding status shape a complex foraging pattern in an extremely long-lived seabird. *Ecology* 95, 2324-2333
12. **Goutte, A.**, Bustamante, P., Barbraud, C., Delord, K., Weimerskirch, H. Chastel, O. (2014) Demographic responses to mercury exposure in two closely-related Antarctic top predators. *Ecology* 95, 1075–1086
11. **Goutte, A.**, Chevreuil, M., Alliot, F., Eléaume, M., Chastel, O., Cherel, Y., Massé, G. (2013) Persistent organic pollutants in benthic and pelagic organisms off Adélie Land, Antarctica. *Marine Pollution Bulletin* 77, 82-89
10. Tartu, S., **Goutte, A.**, Angelier, F., Clément-Chastel C, Moe, B., Bech, C., Gabrielsen, G.W., Bustnes, J.O., Bustamante, P., Chastel, O. (2013) Mercury disrupts luteinizing hormone release and underlies skipped reproduction in an Arctic seabird. *Biology Letters* 9(4):20130317
9. **Goutte, A.**, Cherel, Y., Houssais M.N., Klein, V., Ozouf-Costaz, C., Raccurt, M., Robineau, C., Massé, G. (2013). Diatom specific highly branched isoprenoids as biomarkers in Antarctic consumers. *PLOS ONE* e56504

8. Nordstad, T., Moe, B., Bustnes, J.O., Bech, C., Chastel, O., **Goutte, A.**, Trouvé, C., Herzke, D., Gabrielsen, G.W. (2012) POPs and baseline corticosterone levels in kittiwakes during three periods of the breeding season. *Environmental Pollution* 164, 219-226
7. Frederiksen, M., et al. (2012) Multi-colony tracking reveals the non-breeding distribution of a pelagic seabird on an ocean basin scale. *Diversity and Distributions* 18, 530-542
6. **Goutte, A.**, Kriloff, M., Weimerskirch, H., Chastel, O. (2011) Why do some adult birds skip breeding? A hormonal investigation in a long-lived bird. *Biology Letters* 7, 790-792
5. **Goutte, A.**, Antoine, E., Chastel, O. (2011) Experimentally delayed hatching triggers a magnified stress response in a long-lived bird. *Hormones and Behavior* 59, 167-173
4. **Goutte, A.**, Clément-Chastel C, Bech, C., Gabrielsen, G.W., Chastel, O. (2011) Experimentally reduced corticosterone release promotes early breeding in Black-legged kittiwakes. *Journal of Experimental Biology* 214, 2005-2013
3. **Goutte, A.**, Antoine, E., Weimerskirch, H., Chastel, O. (2010) Age and the timing of breeding in a long-lived bird: a role for stress hormones? *Functional Ecology* 24, 1007-1016
2. **Goutte, A.**, Angelier, F., Welcker, J., Moe, B., Clément-Chastel, C., Gabrielsen, G.W., Bech, C., Chastel, O. (2010) Long-term survival effect of corticosterone manipulation in Black-legged kittiwakes. *General and Comparative Endocrinology* 167, 246-251
1. **Goutte, A.**, Angelier, F., Clément-Chastel C, Trouvé, C., Moe, B., Bech, C., Gabrielsen, G.W., Chastel, O. (2010) Stress and the timing of breeding: glucocorticoids- luteinizing hormone relationships in an arctic seabird. *General and Comparative Endocrinology* 169, 108-116

BOOK CHAPTERS

- IV. Carré C, Meybeck M, Garnier J, Chong N, Deroubaix J-F, Flipo N, Gob F, Goutte A, Le Pichon C, Seguin L, Tournebize J (2020) River basin vision: tools and approaches, from yesterday to tomorrow. *The Handbook of Environmental Chemistry*, Springer, Berlin, Heidelberg. https://doi.org/10.1007/698_2019_438
- III. Bonnard M, Barjhoux I, Dedourge-Geffard O, Goutte A, Oziol L, Palos-Ladeiro M, Geffard A. (2020) Experience gained from ecotoxicological studies in the Seine River and its drainage basin over the last decade: applicative examples and research perspectives. *The Handbook of Environmental Chemistry*, Springer, Berlin, Heidelberg. https://doi.org/10.1007/698_2019_384
- II. *Antarctique: une explosion de vie*, 2012, Museum of Natural History, Le Havre, MkF éditions, ISBN-13: 979-1092305012
- I. *Mondes polaires : Hommes et biodiversités. Des défis pour la science*, 2012, ed. Le Cherche Midi, ISBN-10: 2749123666