

Publications au 10 mars 2015

- 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.
- 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
- 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.
- 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
- 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
- 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
- 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
- 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
- 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
- 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
- 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
- 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

- Frederiksen, M., Moe, B., Daunt, F., Phillips, R.A., Barrett, R.T., Bogdanova, M.I., Boulinier, T., Chardine, J.W., Chastel, O., Chivers, L.S., Christensen-Dalsgaard, S., Clement-Chastel, C., Colhoun, K., Freeman, R., Gaston, A.J., Gonzalez-Solis, J., Goutte, A., Gremillet, D., Guilford, T., Jensen, G.H., Krasnov, Y., Lorentsen, S-H., Mallory, M.L., Newell, M., Olsen, B., Shaw, D., Steen, H., Strom, H., Systad, G.H., Thorarinsson, T.L., Anker-Nilssen, T. (2012) Multi-colony tracking reveals the non-breeding distribution of a pelagic seabird on an ocean basin scale. *Diversity and Distributions* 18, 530-542
- 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
- 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
- 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
- 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
- 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
- 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