

(NSERC), Danish DANCEA and Elite Research student travel scholarship. We thank Dr. R Wells for the collection of dolphin samples.

References

- Desforges, J.-P.W., Sonne, C., Levin, M., Siebert, U., De Guise, S., Dietz, R., 2016. Immunotoxic effects of environmental pollutants in marine mammals. *Environ. Int.* 86, 126–139.
- Dietz, R., Gustavson, K., Sonne, C., Desforges, J.-P., Rigét, F.F., Pavlova, V., McKinney, M. a., Letcher, R.J., 2015. Physiologically-based pharmacokinetic modelling of immune, reproductive and carcinogenic effects from contaminant exposure in polar bears (*Ursus maritimus*) across the Arctic. *Environ. Res.* 140, 45–55.
- Kortenkamp, A., Backhaus, T., Faust, M., 2009. State of the Art Report on Mixture Toxicity. (http://ec.europa.eu/environment/chemicals/effects/pdf/report_mixture_toxicity.pdf) 1–391.
- Levin, M., Morsey, B., Mori, C., Nambiar, P.R., de Guise, S., 2005. PCBs and TCDD, alone and in mixtures, modulate marine mammal but not B6C3F1 mouse leukocyte phagocytosis. *J. Toxicol. Environ. Health. A* 68, 635–656.
- Mori, C., Morsey, B., Levin, M., Nambiar, P.R., De Guise, S., 2006. Immunomodulatory effects of in vitro exposure to organochlorines on T-cell proliferation in marine mammals and mice. *J. Toxicol. Environ. Health. A* 69, 283–302.
- Safe, S., 1984. Polychlorinated biphenyls (PCBs) and polybrominated biphenyls (PBBs): biochemistry, toxicology, and mechanism of action. *Crit. Rev. Toxicol.* 13, 319–95.
- Tryphonas, H., Fournier, M., Blakley, B., Smits, J., Brousseau, P., 2004. *Investigative Immunotoxicology*. Taylor & Francis, New York, USA.

