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Nathalie R. Le Francois

Associate Professor

Oceanography, ecophysiology of fish,
aquaculture / conservation

Montreal Biodome Division-living collections
and research

Space for Life

Canada

Actual research activities

Funding Antarctica USAP/National Science Foundation

- Detrich, Postletwaith, Le François, Desvignes et al.
- -Embryogenesis of *Notothenia coriiceps* exposed to different rearing temperature.
- -Semen characterization and cryoconservation of *Notothenioidei* species (*Chaenocephalus aceratus*, *Notothenia coriiceps*).

Funding CRSNG\FQRNT\MITACS\SABM\AIF

Le François, Blier, Lamarre, Vandenberg, Bailey, Imsland et Gunnarsson et al.

- -Physiological adjustments induced by compensatory growth in Arctic Charr
- -Cryoconservation
- -Comparative genetics (*Nauyuk, Fraser, Holar*)

Blier, Dufresne, Le François, Vandenberg et al.

- -Development of Arctic charr strains and hybrids
- -Omega-3 and antioxidative capacities in charr (*S. alpinus* and *S. fontinalis*).
- Le François, Tamigneaux, Dufresne, Blier et al.
- -Macroalgae biofiltration in large volume saltwater recirculation system.
- -Sulfur denitrification