



Nom :  
**Sébastien  
Plante**

Passion :  
**découvrir**

## Domaines de recherche

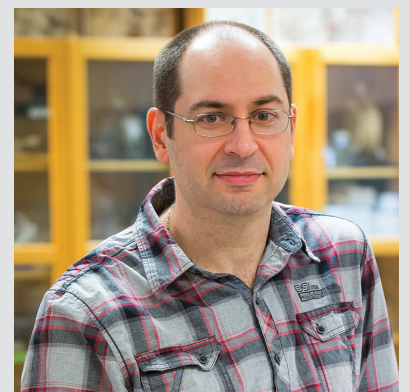
- Interaction entre stress et bien-être animal
- Métabolisme et allocation énergétique
- Développement d'ingrédients bioactifs pour l'aquaculture

## Quelques publications

- Le François, N.R., Picq, S., Savoie, A., Boussin, J.C., Plante, S., Wong, E., Misserey, L., Rojas, S., et Genet, J.P. (2015). « *Coupling salinity reduction to aquatic animal well-being and ecosystem representativeness at the Biodôme de Montréal* [Montréal, QC, Canada] ». *The Journal of Zoo and Aquarium Research*. 3(2): 70-76.
- Haché, R. et Plante, S. (2011). « *The relationship between enrichment, fatty acid profiles and bacterial load in cultured rotifers (Brachionus plicatilis L-strain) and Artemia (Artemia salina strain Franciscana)* ». *Aquaculture*. 311: 201-208.
- Plante, S., Smiley, S., Oliveira, A.C.M., Stone, D.A.J., Hardy, R.W., et Bechtel, P.J. (2008). « *Testes Meals Made from Alaska's Seafood Processing By-Products* ». *Journal of Aquatic Food Product Technology*. 17: 195-211.

## Équipes de recherche

De par son expertise multiple, le professeur Plante travaille en étroite collaboration avec plusieurs partenaires industriels afin d'augmenter la compétitivité et l'efficacité de l'industrie aquacole canadienne. Monsieur Plante collabore aussi avec plusieurs chercheurs universitaires, gouvernementaux et industriels, tant au niveau national qu'international. Finalement, Monsieur Plante supervise des projets d'étudiantes et d'étudiants de chacun des cycles, ainsi que des stagiaires postdoctoraux.



**Sébastien Plante** est professeur de biologie à l'Université de Moncton, campus de Shippagan.

Il dirige le Laboratoire de recherche PHENORA (physiologie et nutrition des organismes aquatiques). Ce programme de recherche traite principalement du domaine de l'écophysiologie chez les poissons, le homard et les mollusques.



Name:  
**Sébastien  
Plante**

Passion:  
**to discover**

## Research Interests

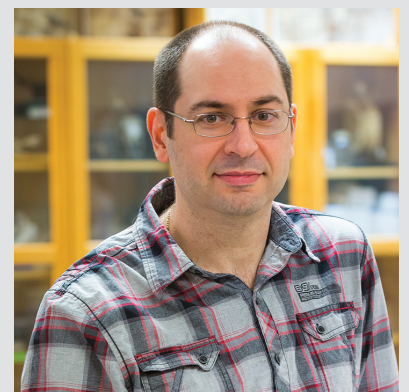
- Interaction between animal stress and well-being
- Metabolism and energy allocation
- Development of bioactive ingredients for aquaculture

## Sampling of Publications

- Le François, N.R., Picq, S., Savoie, A., Boussin, J.C., Plante, S., Wong, E., Misserey, L., Rojas, S., & Genet, J.P. (2015). "Coupling salinity reduction to aquatic animal well-being and ecosystem representativeness at the Biodôme de Montréal [Montréal, QC, Canada]". *The Journal of Zoo and Aquarium Research*. 3(2): 70-76.
- Haché, R. & Plante, S. (2011). "The relationship between enrichment, fatty acid profiles and bacterial load in cultured rotifers (*Brachionus plicatilis* L-strain) and *Artemia* (*Artemia salina* strain Franciscana)". *Aquaculture*. 311: 201-208.
- Plante, S., Smiley, S., Oliveira, A.C.M., Stone, D.A.J., Hardy, R.W., & Bechtel, P.J. (2008). "Testes Meals Made from Alaska's Seafood Processing By-Products". *Journal of Aquatic Food Product Technology*. 17: 195-211.

## Research Teams

Considering his expertise in different areas, professor Plante works in close collaboration with several industrial partners to increase the competitiveness and efficiency of the aquaculture industry. He also collaborates with several university, government, and industrial researchers across Canada and internationally. Finally, Professor Plante supervises the work of undergraduate and graduate students, as well as postdoctoral fellows.



**Sébastien Plante** is a professor of biology at the Université de Moncton, Shippagan campus.

He manages the PHENORA (Physiology and Nutrition of Aquatic Organisms) research lab, a research program focusing primarily on fish, lobster, and mollusc ecophysiology.