

Sergio E. Guajardo-Leiva PhD(C)
Biological Sciences Program
Pontificia Universidad Católica de Chile

seguajardo@uc.cl

[Google Scholar](#)

(56)2-22351863



ACADEMIC BACKGROUND

2013 to date: PhD student at the Beatriz Diéz Lab.

2013-2014: Master in Science at Pontificia Universidad Católica de Chile.

2003-2008: Bachelor in Science; Major in Biochemistry at Universidad de Santiago de Chile.

2001-2002: Associate in Sciences and Humanities at Universidad de Santiago de Chile

PUBLICATIONS

Rivas-Aravena A., **Guajardo S.**, Valenzuela B., Cartagena J., Imarai MI., Spencer E., Sandino AM. (2015). Ribavirin stimulates the immune response of Atlantic salmon Veterinary Immunology and Immunopathology 164: 93-100.

Mlynarz G., Pérez C., **Guajardo S.**, Sandino A. M., Imarai M., Jashés M. (2013). ImmuneTrack® I and ImmuneTrack® A, kits for innate and adaptive immune response evaluation in salmonids. Fish & Shellfish Immunology, 34(6), 1725.

Cortez-San Martin M., Rivas-Aravena A., **Guajardo S.**, Jashes M., Sandino AM., Spencer E. (2012). Simultaneous detection of the IPN and ISA viruses in outbreaks of clinical disease and mortality in farmed Atlantic salmon, *Salmo salar* L., in Chile. Journal of fish diseases. 35: 461-465.

INTERNSHIPS

2015: Forest Rohwer LAB at SDSU, San Diego California.

HONORS AND AWARDS

2013: National PhD Studies Fellowship. Fellowship awarded by the National Council for Science and Technology of Chile (CONICYT, www.conicyt.cl).

CONGRESS PARTICIPATIONS

Guajardo S., Vidal R. Analysis and evaluation of genetics polymorphisms associated to a population with discontinuous geographic distribution: The model of *Merluccius australis* [Merluccidae]. XLI Reunión anual de la Sociedad De Genética De Chile (2008).

Guajardo S., González R., Vidal R. Genetics differentiation in species with discontinuous geographic distribution: The model of *Merluccius australis* [Merluccidae]. XLII Reunión anual de la Sociedad De Genética De Chile (2009).

Guajardo S., Pinto F., Diez B. Viral communities of thermophilic Cyanobacteria in Porcelana Hot Spring. XXXVI Chilean Microbiology Meeting (2014).

FIELD EXPEDITIONS

2014: Porcelana and Cahuelmo Hot Spring at Northern Patagonia CHILE

2014: Greenwich Island, at South Shetland Islands Antarctica. Fall expedition of Chilean Antarctic Institute.

2013: Porcelana Hot Spring at Northern Patagonia CHILE.

GRANTS PARTICIPATIONS

INNOVA CORFO 07CN13PBT-90: "Development of genetic and immunological tools to selecting dietary supplements with immunostimulant and antioxidant activity for increase productivity in salmonids" **Project manager**

INNOVA CORFO BUSINESS INNOVATION "Detection kits development for IPN virus in salmonids" **Project manager**

Agrarian Innovation Fund (AIF) PYT-2011-0047 "Development of kits to assess the innate and adaptive immune response of fish in freshwater aquaculture systems: an opportunity to reach the market with effective vaccines." **Project manager**