

Dr Serge Corbeil

CSIRO, Australian Animal Health
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Dr Serge Corbeil, Molecular Virologist – CSIRO, Livestock Industries,
Australian Animal Health Laboratory, Fish Diseases Laboratory, Geelong, Australia.

After obtaining his PhD in virology in Canada, Dr Corbeil moved to Seattle (USA) where he spent three years as a Postdoctoral Fellow working on the characterization of DNA vaccines for salmonids. Since 2002, Dr Corbeil has been a member of CSIRO AAHL Fish Diseases Laboratory in Geelong, Australia and has undertaken various diagnostic and research projects involving exotic and emerging infectious agents (viruses, bacteria and parasites) of finfish and molluscs.

His work has been instrumental in developing diagnostic tests that can detect these disease agents as well as characterizing them genetically.

Dr Corbeil has co-authored standard diagnostic protocols as part of the Australian Federal Government's aquatic animal health strategy and has developed local and international collaborations (New Zealand, France, USA, Canada, Taiwan). He has published in peer-reviewed journals and has been an invited speaker in international workshops as well as an invited external examiner for PhD theses.

He has published several scientific manuscripts on various topics including; RNA interference and fish viruses, mollusc pathogens, development of molecular diagnostic tests, and DNA vaccines for fish. Dr Corbeil is also currently a reviewer for several journals specializing in aquatic animal diseases.