

QUALIFICATIONS

BSc, University of Hull

MSc, University of Cape Town

PhD, University of Cape Town

ROLE AT CAWTHRON

- Detection and identification of viral infections in bivalve molluscs
- Molluscan pathology investigations
- Routine health surveys of aquaculture molluscs
- Animal ethics committee member
- Quarantine Containment Manager

SPECIAL INTERESTS & ACHIEVEMENTS

- Histological indicators of disease and sub optimal conditions in bivalves
- Anisakid nematodes in finfish, cetaceans pinnipeds and birds
- Parasite induced loss of quality in seafoods
- *Bonamia*, APX, Ostreid herpes virus, molluscan chlamydia and digestive epithelial virosis

SELECTED PUBLICATIONS

Forrest BM, Keeley NB, Hopkins GA, **Webb SC**, Clement DM 2009. Synthesis of the ecological effects of intertidal oyster aquaculture. *Aquaculture* 298 1-15.

Mattiucci S, Paoletti M, **Webb SC** 2009. Description of *Anisakis nascettii* n. sp. (Nematoda: Anisakidae) from beaked whales of the southern hemisphere: reproductive isolation from *A. ziphidarum* Paggi, Nascetti, Webb, Mattiucci, Cianchi, Bullini 1998, genetic relationships between congeners and ecological data. *Systematic Parasitology* 74:199-217.

Webb SC, Duncan J 2008. TechNet Health assessment comparing scallops from Richmond and Ketu Bays in Pelorus Sound: first report of an inclusion in scallop tissues. Cawthron Aquaculture Pathology Unit, 6th November.

Webb SC, Fidler A, Renault T 2007. Primers for PCR-based detection of ostreid herpes virus-1 (OsHV-1): application in a survey of New Zealand molluscs. *Aquaculture* 272 126-139.

Webb SC 2007. Parasites and diseases of the eels *A. anguilla*, *A. australis*, *A. dieffenbachii*, *A. japonica* and *A. rostrata*: a literature review. Cawthron Report No. 1248. 32 p.

Webb SC 2007. Pathogens and parasites of the mussels *Mytilus galloprovincialis* and *Perna canaliculus*: assessment of the threats faced by New Zealand aquaculture. Cawthron Report 1334.



Webb SC, Heasman KG 2006. Evaluation of Fast Green uptake as a simple fitness test for spat of *Perna canaliculus* Gmelin, (1791). *Aquaculture* 252, 305-316.

Mattiucci S, Nascetti G, Dailey M, **Webb SC**, Barros NB, Cianchi R, Bullini L 2005. Evidence for a new species of *Anisakis Dujardin*, 1845: morphological description and genetic relationships between congeners (Nematoda; Anisakidae). *Systematic Parasitology* 61:157-171.

Webb SC 2005. Causes of blue discoloration in canned abalone and crabs: a literature review. Cawthron Report No. 1115. 10pp.

Webb SC 1999. *Anisakis pegreffii* in the skeletal musculature of the Cape hake *Merluccius capensis* and *M. paradoxus*. Foodtek-FIRI Progress Report No 5/99, 17pp. June.

Paggi L, Nascetti G, **Webb SC**, Mattiucci S, Cianchi R, Bullini L 1998. A new species of *Anisakis Dujardin*, 1845 (Nematoda: Anisakidae) from beaked whales (Ziphiidae): allozyme and morphological evidence. *Systematic Parasitology* 40, 161-174.

Webb SC 1998. Assessment of the threat posed to fish quality by anisakid larvae and their products. Foodtek-FIRI Progress Report No 3/98, 23pp. October.

Webb SC 1998. Softening of commercially important fish by myxozoans: a review of *Kudoa thysites* and related organisms. Foodtek-FIRI Progress Report No 13/97, 12pp. March.

Webb SC, Korrubel JL 1994. Shell weakening in marine mytilids attributable to blue-green alga *Mastigocoleus* sp. (Nostochopsidaceae). *Journal of Shellfish Research* 13 (1), 11-17.

Webb SC 1991. *Cercaria hastata* sp. nov. (Digenea: Trematoda) in *Bullia digitalis*, a sandy-beach surfing whelk from the Western Cape coast of South Africa: epidemiology and sex linked phenomena. *Journal of Natural History* 25, 543-588.

Webb SC 1991. Use of acetic orcein as a fast method to relax, fix, clear and stain cercariae for light microscopy. *Journal of Helminthology* 65, 234-238