

## QUALIFICATIONS

BSc, University of Hull

MSc, University of Cape Town

PhD, University of Cape Town

## PROFESSIONAL AFFILIATIONS

New Zealand Society for Parasitology

## ROLE AT CAWTHRON

- Development of stress indicators for shellfish
- Parasitology of commercial shellfish, fin-fish & cetaceans
- Detection and identification of viral infections in bivalve molluscs

## SPECIAL INTERESTS & ACHIEVEMENTS

- Design of a practical viability test for mussel spat
- Parasite induced loss of quality in seafoods

## SELECTED PUBLICATIONS

Valentini A, Mattiucci S, Bonadelli P, Webb SC, Mignucci-Giannonei AA, Colom-Llavina, Nascetti G 2006. Genetic relationships among *Anisakis* species (Nematoda: Anisakidae) inferred from mitochondrial COX-2 sequences, and comparison with allozyme data. *Journal of Parasitology* 92(1) 156-166.

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.

Adams SL, Smith JF, Roberts RD, Janke AR, Kaspar HF, Tervit HR, Pugh PA, Webb SC, King NG 2004. Cryopreservation of sperm of the Pacific oyster (*Crassostrea gigas*): development of a practical method for commercial spat production. *Aquaculture* 242:271-282.



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.

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

Webb SC 1998. The fate of parasites in Cape hake during processing: separation, detection and disposal, or in with the product? *Foodtek-FIRI Progress Report* No 10/97, 10pp. March.

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 1997. Survey of parasites in the hake species *Merluccius capensis* and *Merluccius paradoxus*. *Foodtek-FIRI Progress Report* 399, 17pp. 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.