

## Keynote speakers

### DR INGRID APPELQVIST



Dr Ingrid Appelqvist joined CSIRO in 2006 within the Food and Nutritional Science division as a group leader in food materials science. She later became the theme leader for Designed Food and Biomaterials research program which focuses on developing all natural manufactured food (clean label); healthier foods (low sugar, salt, fat and high fibre, protein); the relationship of food structures with humans and how that controls delivery of nutrition and sensory perception. Previously she worked for Unilever in their R&D on the elucidation and understanding of material properties and failure in complex food biopolymer composites. She serves on a number of journal editorial boards and chairs the food-body interaction section of the Food structure and functionality forum. She is currently seconded to the Department of Health and Ageing in Australia as a consultant to define the targets of salt, sugar and fat reduction in manufactured food categories.

### PROFESSOR ANDREW COLLINS

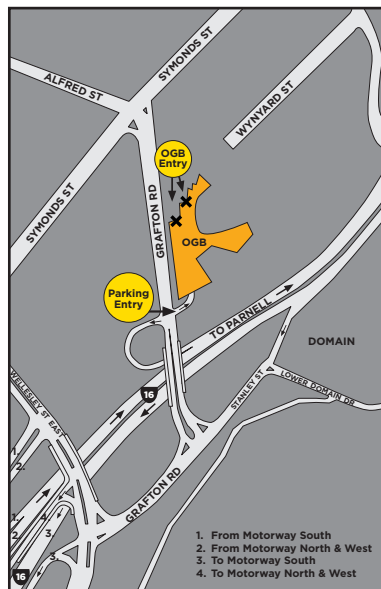


Andrew Collins, PhD, ScD, worked in Cambridge, England on DNA damage and repair in mammalian cells before moving to Aberdeen, Scotland, where for 10 years he was a principal research scientist at the Rowett Research Institute. There he developed the comet assay as a method for measuring oxidative damage to DNA in cultured cells and human lymphocytes, and pioneered the application of DNA damage and repair as biomarkers in human intervention trials to investigate the role of phytochemicals in protecting against cancer. This work has continued since he moved to the University of Oslo, Norway, at the end of 2002, with an increasing emphasis on the non-antioxidant effects of phytochemicals, and especially their potential influence on DNA repair pathways. Professor Collins is spending several months of a sabbatical year at The University of Auckland.

### PROFESSOR DAVID CAMERON-SMITH



David joined The University of Auckland in July, 2011 coming from Deakin University, Melbourne Australia. At Deakin David lead a team examining the interplay between nutrition, genes and signalling pathways, particularly those related to muscle adaptation and responses to physical activity. Focusing on the actions of proteins, these studies explore the anabolic responses, but also explore the benefits of post-exercise protein for alleviating inflammation and muscular damage. His research work has resulted in more than 100 scientific publications and \$3million of direct research funding.



## Venue

Room OGGB 5, Owen G. Glenn Building,  
12 Grafton Road, The University of Auckland

## Organising committee

### Lynnette Ferguson

Nutrition, The University of Auckland

### Laurie Melton

Food Science, The University of Auckland

### Bronwen Smith

Food Science, The University of Auckland

### Siew-Young Quek

Food Science, The University of Auckland

### Bryony James

Chemical & Materials Engineering, The University of Auckland

### Denise Hunter

Food Innovation, Plant & Food Research

## More information

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# Foods for Health & Wellness: Perspectives for Industry

## FUNCTIONAL FOODS SYMPOSIUM

30th November 2011

Owen G. Glenn Building // The University of Auckland



