

## Food Science Australia

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Food Science Australia is Australia's largest and most diversified food research organisation and a joint venture of CSIRO and the Victorian Government. We are committed to turning scientific research into innovative solutions for the food industry in Australia and overseas. Through our science we support the health and well-being of consumers. Our staff: Our staff of 350 are based in four Centres in Australia - Sydney, Melbourne, Brisbane and Adelaide.

### Recent Publications by Food Science Australia:



- [Attachment of different Salmonella serovars to materials commonly used in a poultry processing plant.](#)  
*Salmonella can adhere to poultry and food contact surfaces and persist to...*20th October, 2009  
Food Science Australia, Brisbane, Queensland, Australia.- *Food Microbiol.* 2009 Dec;26(8):853-9.  
Epub 2009 May 29. ([DOI Direct Link](#))
- [The ability of Campylobacter jejuni cells to attach to stainless steel does not change as they become nonculturable.](#)  
*The ability of Campylobacter jejuni strains to attach to stainless steel...*1st October, 2009  
Food Science Australia, Queensland, Australia.- *Foodborne Pathog Dis.* 2009 Jun;6(5):631-4. ([DOI Direct Link](#))
- [Weight loss in obese men is associated with increased telomere length and decreased abasic sites in rectal mucosa.](#)  
*Telomere shortening may cause genome instability and is an initiating...*23rd September, 2009  
CSIRO Human Nutrition and Food Science Australia, Adelaide, South- Rejuvenation Res. 2009 Jun;12(3):169-76. ([DOI Direct Link](#))
- [Issues in determining factors influencing bacterial attachment: a review using the attachment of Escherichia coli to abiotic surfaces as an example.](#)

- An understanding of the mechanisms which facilitate the attachment of...* 27th August, 2009  
Food Science Australia, Brisbane Laboratory, Cnr Wynnum and Creek Roads,- Lett Appl Microbiol. 2009 Jul;49(1):1-7. Epub 2009 Mar 9. ([DOI Direct Link](#))
- [The effects of transport and Lairage on counts of Escherichia coli O157 in the feces and on the hides of individual cattle.](#)  
*OBJECTIVES: The main objective of this study was to determine the impact...* 28th July, 2009  
Food Science Australia, CSIRO, Werribee, Victoria, Australia.- Foodborne Pathog Dis. 2009 Nov;6(9):1113-20. ([DOI Direct Link](#))
  - [Effect of common polymorphisms in folate uptake and metabolism genes on frequency of micronucleated lymphocytes in a South Australian cohort.](#)  
*Single nucleotide polymorphisms (SNPs) in genes that control folate uptake...* 25th July, 2009  
Genome Health and Nutrigenomics Laboratory, CSIRO Human Nutrition, A- Mutat Res. 2009 Jun 1;665(1-2):1-6. Epub 2009 Feb 21. ([DOI Direct Link](#))
  - [Increased consumption of wheat biofortified with selenium does not modify biomarkers of cancer risk, oxidative stress, or immune function in healthy Australian males.](#)  
*Increased intake of selenium (Se) may reduce the risk of degenerative...* 23rd July, 2009  
Nutritional Genomics and Genome Damage Diagnostics Laboratory, CSIRO Human- Environ Mol Mutagen. 2009 Jul;50(6):489-501. ([DOI Direct Link](#))
  - [Escherichia coli and Salmonella enterica are protected against acetic acid, but not hydrochloric acid, by hypertonicity.](#)  
*Chapman et al. (B. Chapman, N. Jensen, T Ross, and M. B. Cole, Appl....* 16th June, 2009  
Food Science Australia, North Ryde, NSW, Australia.- Appl Environ Microbiol. 2009 Jun;75(11):3605-10. Epub 2009 Apr 3. ([DOI Direct Link](#))
  - [Effect of agar concentration on the matric potential of glycerol agar media and the germination and growth of xerophilic and non-xerophilic fungi.](#)  
*The concept of water activity (a(w)) does not differentiate between water...* 13th June, 2009  
Food Science Australia, Riverside Corporate Park, North Ryde, NSW,- Int J Food Microbiol. 2009 Jul 31;133(1-2):179-85. Epub 2009 May 30. ([DOI Direct Link](#))
  - [Nano- and micro-structured assemblies for encapsulation of food ingredients.](#)  
*This tutorial review provides an overview of the science of food materials...* 30th May, 2009  
CSIRO Preventative Health National Flagship, Food Science Australia, 671- Chem Soc Rev. 2009 Apr;38(4):902-12. Epub 2008 Dec 4. ([DOI Direct Link](#))
  - [Comparative analysis of attachment of Shiga-toxigenic Escherichia coli and Salmonella strains to cultured HT-29 and Caco-2 cell lines.](#)  
*The ability of Escherichia coli and Salmonella isolates to attach to...* 16th May, 2009  
Food Science Australia, Brisbane, Queensland, Australia.- Appl Environ Microbiol. 2009 Mar;75(6):1796-9. Epub 2009 Jan 23. ([DOI Direct Link](#))
  - [C. botulinum inactivation kinetics implemented in a computational model of a high-pressure sterilization process.](#)  
*High-pressure, high-temperature (HPHT) processing is effective for...* 17th April, 2009  
Innovative Foods Centre, Food Science Australia, Private Bag 16, Werribee,- Biotechnol Prog. 2009 Jan-Feb;25(1):163-75. ([DOI Direct Link](#))
  - [Salmonella Sofia differs from other poultry-associated Salmonella serovars with respect to cell surface hydrophobicity.](#)  
*Salmonella enterica is one of the most important foodborne pathogens....* 31st March, 2009  
Food Science Australia, Brisbane, P.O. Box 3312, Tingalpa DC, Queensland- J Food Prot. 2008 Dec;71(12):2421-8.
  - [Integron-containing bacteria in faeces of cattle from different production systems at slaughter.](#)  
*AIMS: To determine the prevalence and characteristics of...* 24th March, 2009  
Microbiology Group, Food Science Australia, Cannon Hill, Qld, Australia.- J Appl Microbiol. 2009 Aug;107(2):540-5. Epub 2009 Mar 19. ([DOI Direct Link](#))
  - [Comparative evaluation of methods commonly used to determine antimicrobial susceptibility to plant extracts and phenolic compounds.](#)

A comparison was made to evaluate the ability of the most commonly used...6th March, 2009  
 Food Science Australia, Cnr Creek and Wynnum Rds, Cannon Hill, QLD4170,- J AOAC Int. 2008  
 Nov-Dec;91(6):1423-9.

**Press Releases on Food Science Australia:**

<a href="#">It's Black Friday - Time to Shop Off the Calories! Allrecipes Finds Average Thanksgiving Meal Weighed in at 2,225 Calories</a>	27th November, 2009	Allrecipes.com	<i>SEATTLE, Nov. 27 /PRNewswire/ -- Allrecipes.com, the world's #1 food site, received record-high Thanksgiving traffic numbers, with more than 2.8 million visitors the day before Thanksgiving,</i>
<a href="#">New Hologic SecurView(R) DX Diagnostic Workstation Software Streamlines Workflow, Improves Radiologist Productivity</a>	25th November, 2009	Hologic, Inc.	<i>BEDFORD, Mass., Nov. 25 /PRNewswire-FirstCall/ -- Hologic, Inc. (Hologic or the Company) (Nasdaq: HOLX), a leading developer, manufacturer and supplier of premium diagnostics, medical imaging systems</i>
<a href="#">FDA's Woodcock Discusses Pain Management and Drug Safety in Nov. 26, 2009 Issue of The New England Journal of Medicine</a>	25th November, 2009	U.S. Food and Drug Administration	<i>SILVER SPRING, Md., Nov. 25 /PRNewswire-USNewswire/ -- An article by Janet Woodcock, M.D., director of the FDA's Center for Drug Evaluation and Research, titled "A Difficult Balance - Pain</i>
<a href="#">SCAN Employees and Community Volunteers to Help Deliver One Thousand Thanksgiving Meals to Homebound Seniors</a>	25th November, 2009	SCAN Health Plan	<i>LONG BEACH, Calif., Nov. 25 /PRNewswire/ -- Thanksgiving meals will be delivered to approximately 1,000 homebound seniors in the greater Long Beach area thanks to Faith In Action/Volunteer Action for</i>
<a href="#">Heska Announces Supply Agreement With Roche Diagnostics</a>	25th November, 2009	Heska Corporation	<i>LOVELAND, Colo., Nov. 25 /PRNewswire-FirstCall/ -- Heska Corporation (Nasdaq: HSKA); ("Heska"), a leading provider of advanced diagnostic and specialty products to the veterinary industry,</i>

**BioNews Results for Food Science Australia**



- [UQ researchers first in the world to solve the genetic code of canola](#)

- The University Of Queensland: Nov 6 2009 3:35PM Matching: food science australia*
- [Michael Cowley, Obesity Expert, Named Life Scientist Of The Year](#)  
*Medical News Today: Oct 31 2009 7:47AM Matching: food science australia*
  - [Monash University physiologist honored with Life Scientist of the Year award](#)  
*News-Medical.Net: Oct 30 2009 10:15AM Matching: food science australia*
  - [GM crops no panacea for food security: US sci](#)  
*Checkbiotech: Oct 27 2009 8:26AM Matching: food science australia*
  - [GM crops no panacea for food security: US scientist](#)  
*The News International: Oct 24 2009 12:26AM Matching: food science australia*
  - [Western Australian Department of Ag organizes information session on the use and approval process for GM crops in Australia](#)  
*Checkbiotech: Oct 15 2009 1:53PM Matching: food science australia*
  - [Western Australian Department of Ag organizes](#)  
*Checkbiotech: Oct 15 2009 5:38PM Matching: food science australia*

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