

# BIOGRAPHY

02/07/2012



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**Title and name**

Professor Andrew Chesson

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**Nationality**

British

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**Panel**

Genetically Modified Organisms (GMO)

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**Education**

1966 B.Sc. (Chemistry) Birmingham, UK  
1971 M.Sc. Department of Microbiology, University of Bath, UK  
1974 Ph.D. Department of Microbiology, University of Bath, UK  
1996 C.Chem, Fellow of the Royal Society of Chemistry (FRSC)

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**Scientific and risk assessment experience**

Until June 2012 chair of the FEEDAP panel and a member of the Scientific Committee of EFSA. Previously vice chair of the European Scientific Advisory Committee on Animal Nutrition (SCAN) and a regular contributor to the work of the corresponding plant (SCP) and food (SCF) committees. Has routinely contributed to the safety (risk) assessment of a very wide range of products and processes at a Community level and has undertaken and continues to fulfil similar advisory roles in the area of safety assessment within the UK (through the Food Standards Agency and Defra) and with international bodies. A current member of the UK Advisory Committee on Novel Foods and Processes (ACNFP) and a former member of the Advisory Committee on Animal Feedstuffs (ACAF). Was also Vice Chair of the OECD Task Force on Novel Foods and was responsible for the production of two major OECD reports on risk assessment.

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**Main scientific publications**

Interests included the application of biotechnology to animal feeds, feed additives, the safety of GM and other products entering the food chain via animal feed and the role of diet and dietary agents in preserving human health.

1. Russell, W.R., Provan, J.G., Burkitt, M.J. and Chesson, A. 2000 Extent of incorporation of hydroxycinnamaldehydes into lignin in cinnamyl alcohol dehydrogenase-downregulated plants. Journal of Biotechnology 79, 73-85.

2. Russell, W.R., Forrester, A.R. and Chesson, A. 2000 Predicting the macromolecular structure and properties of lignin and comparison with synthetically produced polymers. *Holzforschung* 54, 505-510.
  3. Chesson, A. 2002 Preparation of safe foods from plants. *Polish Journal of Food and Nutrition Sciences* 11/52, 7-12.
  4. Cellini, F., Chesson, A., Colquhoun, I., Constable, A., Davies, H.V., Engel, K.H., Gatehouse, A.M., Karenlampi, S., Kok, E.J., Leguay, J.J., Lehesranta, S., Noteborn, H.P., Pedersen, J. and Smith, M. 2004. Unintended effects and their detection in genetically modified crops. *Food Chem. Toxicol.* 42, 1089-1125.
  5. Flachowsky, G., Chesson, A. and Aulrich, K. 2005. Animal nutrition with feeds from genetically modified plants. *Archives of Animal Nutrition* 59, 1-40.
  6. Chesson, A. 2005. Phasing out antibiotic feed additives in the EU: worldwide relevance for animal food production. In: *Proceedings International Conference on Antimicrobial Growth Promoters*, Noordwijk aan Zee, The Netherlands.
  7. Russell, W.R., Scobbie, L. and Chesson, A. 2005. Structural modification of phenylpropanoid-derived compounds and their effects on their participation in redox processes. *Bioorganic & Medicinal Chemistry* 13, 2537-2546.
  8. Russell, W.R., Mark J. Burkitt, M.J. and Chesson, A. 2006. An EPR investigation into the effects of substrate structure on peroxidase-catalysed phenylpropanoid oxidation. *Biomacromolecules* 7 268-273.
  9. Russell, W.R., Scobbie, L., Chesson, A., Richardson, A., Stewart, C. and Duthie, G. 2008. Anti-inflammatory implications of the Microbial transformation of dietary phenolic compounds. *Nutrition and Cancer* 60, 636-642.
  10. Russell, W.R., Scobbie, L., Duthie, G. And Chesson, A. 2008. Inhibition of 15-lipoxygenase-catalysed oxygenation of arachidonic acid by substituted benzoic acids. *Bioorganic & Medicinal Chemistry* 16, 4584-4593.
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