



Dr. Boyd BERENDS

Specialist in Veterinary Public Health
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After a short period in veterinary practice, Boyd Berends started to work at the Department of the Science of Food of Animal Origin of the Veterinary Faculty, Utrecht University, The Netherlands, in October 1990. In 2007 this Department became part of the Institute for Risk Assessment Sciences of the Utrecht University and was renamed as the Division of Veterinary Public Health (IRAS-VPH). Shortly after his employment he became involved into the field of the epidemiology of zoonoses and started a series of research projects regarding the modernization of meat safety assurance, how to determine consumer risks associated with the production and consumption of meat, and about a hazard analysis of critical control points (HACCP) inspired meat production. In February 1998 the Royal Netherlands Veterinary Association certified him as a Specialist in Veterinary Public Health, and as of August 2003 he has also become a Diplomat of the European College of Veterinary Public Health (ECVPH)

In September 1998 he begot his PhD with the thesis 'A risk assessment approach to the modernization of meat safety assurance'. This over 600 pages thesis was the summing up of all his experiences with regard to (epidemiological) research and (quantitative) risk assessment, and also provides a blueprint of a system that could replace the (far from perfect) current. Since then he has worked on several more risk assessment based research projects. For example, a project regarding (the control of) Salmonella in poultry in The Netherlands and the development of a spreadsheet model for easily assessing animal and human health risks associated with BSE. This spreadsheet model has been used by several ad hoc working groups on BSE that assisted the former Scientific Steering Committee of Directorate General SANCO in Brussels in producing the official 'Opinions' on, for example, the safety of gelatin.

As a senior lecturer, he sees veterinary students from their first until their last year. The topics he currently teaches include, amongst others, (European) Veterinary Law, Veterinary Environmental Hygiene, Veterinary Public Health, Epidemiology and Control of Zoonoses, General Food Safety, Quantitative Risk Analysis, Modern Concepts of Longitudinal Integrated Quality and Safety Control (safety and quality control from farm to fork), and Veterinary Occupational Health and Safety. He is also involved in the post academic training of Certified Specialists in Herd Health Medicine for Pigs, Specialists in Herd Health Medicine for Cattle, Specialists in Veterinary Public Health and the training of Veterinarians of the Dutch Food Safety Authorities (NVWA).

Dr. Boyd Berends 自 1990 年 10 月起，在烏特勒支大學 (Utrecht University) 的風險評估科學學院獸醫公共衛生學部(前稱獸醫學院動物源食物科學學系)任職。他受聘後，隨即投入人畜共患傳染病流行病學的領域，展開一連串的研究。研究課題包括：肉類品質安全保證的現代化；如何測定消費者在肉類生產和食用方面面對的風險；以及在肉類生產過程中應用食物安全重點控制系統。Dr. Berends 於 1998 年 2 月，獲荷蘭皇家獸醫協會頒授專科獸醫(獸醫公共衛生)資格，2003 年 8 月成為歐洲獸醫公共衛生學院院士。

1998 年 9 月，Dr. Berends 以題為《肉類品質安全保證現代化過程中的風險評估》的論文，取得哲學博士學位。該文長達 600 多頁，扼要論述他在流行病學研究和量化風險評估中取得的各種經驗，同時勾劃新制度藍圖，用作代替現時強差人意的肉類品質安全保證制度。此後，他參與多項有關風險評估的研究。例如一項有關控制荷蘭家禽受沙門氏菌感染的研究。又如研發一套試算表，以簡易的方法，評估動物和人類感染瘋牛症的風險。多個瘋牛症專責工作小組均採用該試算表來計算瘋牛症的風險。布魯塞爾歐盟歐洲委員會健康與消費者保護總司的前科學督導委員會更借助該試算表來制訂該會對動物膠(gelatin)安全問題的意見。

Dr. Berends 擔任大學高級講師，他的獸醫學學生由第一年起便受他薰陶，直至畢業為止。現時他教授的科目包括：歐洲獸醫法例、獸醫環境衛生、獸醫公共衛生、人畜共患傳染病流行病學及管制、食物安全概論、量化風險分析、綜向綜合品質和安全監控的現代概念(即食物由農場至餐桌的安全及品質控制)，以及獸醫的職業健康與安全等。他亦參與學生畢業後的培訓工作，培訓豬羣健康醫學和牛羣健康醫學的公認專科獸醫、專科獸醫(獸醫公共衛生)，以及荷蘭食物安全管理局(NVWA)的獸醫等。