

Curriculum Vitae – Prof., Prof.h.c., Dr. Ir. Martin Tielen

I. Personal Information

Family Name: Tielen

First name: Martin

Christian names: Martinus Johannes Maria

Date of Birth: 22 September 1942

Place of Birth: Horst-Meterik, the Netherlands

II. Education

1953: graduated at the basic school, Meterik, the Netherlands

1961: graduated at the Higher Civil School, Roermond, the Netherlands

1969: MSc degree at the Agriculture University, Wageningen, the Netherlands

1974: PhD-thesis “Incidence and Prevention by Animal Care of Lung- and Liver affections of Fattening Pigs” at the Agricultural University, Wageningen, the Netherlands

III. Career

2009: Current position

Emeritus Professor in Animal Husbandry at the Faculty of veterinary medicine, Utrecht University, the Netherlands

Honorary Professor at Wroclaw University of Environmental and Life Sciences, Poland

2004-2007: President of the European Feed Manufacturers Federation, Brussels, Belgium

2000 -2006: President of the Netherlands Feed Industry Association, Rotterdam, the Netherlands

1985-2000: Professor in Animal Husbandry at the Faculty of Veterinary Medicine, Utrecht University, the Netherlands

1969-2002: Employee at the Animal Health Service in the Netherlands:

1969-1983: Researcher and Farm Advisor in Pig Herd Health Care and Stable Climate in Farm Animals at the Animal Health Service in North Brabant, Boxtel, the Netherlands

1983-1985: Business Manager of the Animal Health Service in North Brabant, Boxtel, the Netherlands

1985-1995: Director Research, Development and Information Technology at the Animal Health Service in the Southern Netherlands, Boxtel, the Netherlands

1995-2002: General Consultant Research and Development, Animal Health Service in the Netherlands, Deventer, the Netherlands

IV. Curriculum Vitae

(Laudation at the ceremony to confer the title of honorary professor to Professor Martin Tielen at the Wroclaw University of Environmental and Life Sciences in November 2009 in Poland.)

Professor Martin Tielen – an outstanding Dutch specialist on pig health and behaviour, animal welfare and well-being, epizootics, safety of feed and food and sustainability of animal feed. Unquestioned authority in animal and veterinary sciences, author or co-author of over 200 publications in prestigious journals, 13 books and chapters published in English and German in the Netherlands, Germany and the US. Invited speaker in more than 20 foreign countries all over the world.

Martin Tielen was born on 22 September 1942 in Horst-Meterik, the Netherlands. In 1969 he graduated from the department of Zootechnics at the Agricultural University of Wageningen. In 1974 he defended his doctoral thesis on “*Incidence and prevention by animal care of lung*

and liver affections in swine'. In 1985 he gained the degree of a professor at the Faculty of Veterinary Medicine of the Utrecht University.

Prof Tielen's research comprised several subject areas. One of them was the integrated quality control in pigs, focused on pig health and welfare. He investigated the effects of environmental conditions on animal health. Besides, he investigated epizootic issues and their impact on the incidence and control of *Pseudorabies* and *Salmonella sp.* in pigs, lesions in the respiratory system due to adverse environmental conditions, the effects of endotoxins on respiratory diseases and others. Worth noting are his investigations on diseases commonly found in veterinarians and pig breeders, such as allergies, lung diseases, brucellosis, etc. The third subject area covered by Prof Tielen was connected with safety and sustainability of animal feed production. His publications were focused on: impact of animal housing on animal disease incidence, integrated quality control in animal production, herd health monitoring and control programs, health risks for animal breeders and veterinarians, safety in animal nutrition, HACCP in industries manufacturing feed ingredients, sustainability of feeding technologies and the role of genetically modified products.

Prof Tielen actively contributed to training of young researchers, was a supervisor and reviewer of 16 doctoral theses at home and abroad. He actively participated in many conferences and has gained reputation as an excellent organizer, academic and scientist. From 1987-1995 was he deputy director of the Animal Health Service in the Southern Netherlands responsible for Research and Development and ICT. From 1995–2002 he was a strategic adviser at the Animal Health Service in the Netherlands. Since 1992 he has been a member of the Executive Board of ISAH (International Society of Animal Hygiene), in 1997-2000 its chairman and in 2000 the organizer of the X International Congress of Animal Hygiene in Maastricht. Since 2000 he has been the President of the Prof Tielen Fund- Foundation, providing support to young researchers in the developing countries, allowing them to participate in ISAH congresses. To the date, the Prof Tielen Fund has awarded grants to 85 young scientists, including academics and doctoral students of the Wrocław University of Environmental and Life Sciences.

In 2000 Prof Martin Tielen retired and since then he has been Professor Emeritus of the State University of Utrecht. In 2000–2008 he was a member of the Evaluation Committee of the Association of Establishments for Veterinary Education and visited veterinary faculties in many European countries, including Poland.

In 2000-2006 Prof Martin Tielen was the President of the Netherlands Feed Industry Association (NEVEDI), representing all feed enterprises in the Netherlands, manufacturing 15 million tonnes of animal compound feed per annum. From June 2004 to July 2007, Prof Tielen was the President of the European Federation of Feed Manufacturers (FEFAC), representing 23 associations of animal feed manufacturers in EU member states. Since 2002 Prof Tielen is member of the Supervisory Board of the Rabobank and member of the steering committee of Food & Agri Principles. He was in all member of 23 major Dutch and international associations and scientific boards, directly or indirectly connected with the hygiene of agricultural production.

Worth attention are Prof Tielen's close links with the scientific community of Wrocław and a number of his visits to the Wrocław University of Environmental and Life Sciences, where he participated in international conferences organized by the Faculty of Biology and Animal Science and the Faculty of Veterinary Medicine. He received the title of honorary professor at this university in November 2009.

V. ISAH-Activities

Prof Martin Tielen visited the events of ISAH (International Society for Animal Hygiene) for the first time at the “In-between” symposium in September 1977 organised by Prof Thomas Janowski in Krakow, Poland. He presented a lecture about the results of his PHD-thesis regarding lung- and liver affections in fattening pigs. He participated for the first time in an International Congress on Animal Hygiene of ISAH in Vienna in 1980. Since that time he visited all 13 next congresses and 7 in between symposia. He presented all together 28 papers in this congresses and symposia. The first time that Prof Tielen attended an Executive Board meeting of ISAH was in 1990 in Eberswalde, Germany, to prepare the 7th congress on animal hygiene in 1991 in Leipzig.

He was elected as 2nd vice president in 1994 in Minnesota with the task to organise the X congress on Animal Hygiene in the Netherlands in 2000. For that reason he was elected as President of ISAH in 1997 at the congress in Helsinki succeeding Prof Saloniemi, who organised an excellent congress in Finland. During the preparation of the congress in Maastricht in 2000 the Professor Tielen Fund Foundation was established by the organising committee of the congress to give young scientists from developing countries the opportunity to attend the congresses with a substantial financial support. This Fund is still continuing his activities in this regard. The 100st PTF-student was awarded in 2011 at the congress in Vienna, Austria. The X congress in Maastricht in the Netherlands was a big success. Over 280 congress participants and 30 accompanying persons attended the congress. The best poster award was conferred to Dr. Peter Kunc from Czech Republic. The participants became one big family at the exciting final farewell party in a typical Dutch environment.

Professor Tielen was elected as 1st vice president after this congress. He started the discussion about the future of ISAH at the Executive Board Meeting in Acapulco in Mexico in 2002 with the discussion paper: “The way forward for ISAH”. After several debates in the Executive Board and in the General Assembly in the following years this discussion was finalised in the new structure of ISAH included in the new statutes.

Prof Tielen stayed in the Executive Board as member at large and for a short period as treasurer. He resigned in the General Assembly at the congress in Vechta, Germany in 2009 after serving the society as Executive Board Member for about 20 years. He will still continue his work in the PTF related to ISAH in the coming years.

Prof Tielen was awarded as Honorary Member of ISAH at the General Assembly in 2011 in Vienna, Austria.

IV. Scientific Performance

Supervisor and Promotor of PhD-thesis: 14

1983: P.J.M.M. van Gulick: “Applicability of the Welsh breed to Dutch Pig Farming”, PhD-thesis, Utrecht University;

1983: W.H.A. Hunneman: “Incidence, Economic Effects and Control of Haemophilus Pleuropneumoniae Infections in Pigs”, PhD-thesis, Utrecht University;

1991: A.R.W. Elbers: “The use of Slaughterhouse Information in monitoring systems for Herd Health control in Pigs”, PhD- thesis, Utrecht University;

1991: C.J.M. Scheepens: “Effects of Draught as Climatic Stressor on the Health Status of Weaned Pigs”, PhD-Thesis, Utrecht University;

1992: M.J. Geudeke: The use of Slaughterhouse Information in Monitoring Systems for Herd Health Control in Sows”, PhD-thesis, Utrecht University;

1994: M. Hessing: “Individual Behavioural Characteristics in Pigs and their Consequences for Pig Husbandry”, PhD-Thesis Agricultural University Wageningen;

1995: L. Preller: “Respiratory Health Effects in Pig Farmers”, PhD-thesis, Agricultural University Wageningen;

1995: J.A. Stegeman: "Pseudorabies virus eradication by area-wide vaccination is feasible", PhD-Thesis, Utrecht University;

1996: E.D. Ekkel: "Impact of Farrow-to-Finish Production on Health and Welfare of Pigs" PhD-thesis, Utrecht University;

1996: T.J.G.M. Lam: "Dynamics of Bovine Mastitis: a Field Study in Low Somatic Cell Count Herds", PhD-thesis, Utrecht University;

1999: J. Enting: "Zovex, a knowledge-based system to analyse Factors associated with Pig-health Disorders", PhD-thesis, Utrecht University;

2000: H.J.A.M. Rutten: "Der Einfluss von Lauftraining auf die Entwicklung des Beinskelettes beim Broiler", Dissertation, University Hohenheim, Germany;

2000: P.J. van der Wolf: „Salmonella in The Pork Production Chain: Feasibility of Salmonella-Free Pig Production”, PhD-thesis, Utrecht University;

2003: E. van Erp-van der Kooij: "Coping Behaviour in Pigs: consequences for Welfare and Performance", PhD-thesis, Utrecht University.

External examiner in PhD-thesis: 2 - University of Helsinki: 1; Agricultural University of Copenhagen: 1.

Contribution in Books: (11)

1974: M.J.M. Tielen: "Incidence and prevention by animal care of lung and liver affections of fattening pigs" PhD-thesis, Mededelingen Landbouwhogeschool Wageningen 74-7 (1974), publisher: H. Veenman en Zonen B.V. – Wageningen, 142 pp.

1975: M.J.M. Tielen: Climate examinations in pig houses linked with pig health status. Publisher: Animal Health Service in North Brabant.

1984: "Einige Ursachen für die Variation der Staubkonzentration im Schweinestall" Chapter in: „Dust in Animal Houses“, Publisher: DVG, Giessen.

1987: M.J.M. Tielen: "Respiratory Diseases in Pigs" Chapter in "Energy Metabolism in Farm Animal", editors Verstegen M. and Henken A. Martinus Nijhof Publishers, Dordrecht, NL.

1988: M.J.M. Tielen: "Quality through Health" Chapter in: "Kwaliteiten in de dierlijke productie, Publisher: Pudoc, Wageningen.

1992: M.J.M. Tielen, Vellinga L. Voorst van der P.: "Keeping Pigs Healthy", Publisher: Terra Zutphen, NL 160 pp.

1993: M.J.M. Tielen: "Integrated Quality Control of the pork production process" Chapter in: Continuing Education and Extension, University Minnesota, vol 3.

1995: "Respiratory diseases in pigs: prevalence and economic effects" and "Prevention of respiratory diseases through optimum environmental control" Articles in special issue of Pigs, June 1995.

2000: M.J.M. Tielen, Madec F., Rafai P., guest editors special Issue Livestock Production Science: Safety of Meat and Milk, EAAP Publication No 2/2002. Livestock Production Science 76(3) 2002. 65 pp.

2001: M.J.M. Tielen and J. den Hartog: „Feed Safety for High Quality of Food of Animal Origin.” Chapter in: "Advances in Nutritional Technology", Wageningen.

2009: "The role of the European Feed Industry in a sustainable Feed and Food Safety Strategy". Chapter in "Sustainable Animal Production" (eds. A. Aland and F. Madec), Wageningen Academic Publishers, Wageningen.

Articles in Refereed Journals: 96

Papers in Proceedings of International Congresses and Symposia: 84

Invited Speaker in International Meetings: 63

Germany: 7	Poland: 8	Belgium: 6	France: 3
Austria: 3	Hungary: 3	China: 3	Denmark: 3
Mexico: 3	Brazil: 3	Slovakia: 2	Spain: 2
Finland: 2	Sweden: 2	Bulgaria: 2	Slovenia: 2
Croatia: 2	Czech. Rep.: 2	Philippines: 2	Kenia: 1
Italy: 1	Greece: 1	Romania: 1	Thailand: 1

Member of Scientific Committees:

- XV Congress on Animal Hygiene , July 2011, Vienna, Austria;
- XIV Congress on Animal Hygiene, July 2009, Vechta, Germany;
- XIII Congress on Animal Hygiene , July 2007, Tartu, Estonia;
- III International Congress of the National Research Institute, Balice, Poland;

Participation in Commissions and Associations in Animal Production:

- Member of the Council for Environmental Issues of the Province North Brabant, the Netherlands
- Member of the Executive Board of the Dutch Association for Epidemiology and Economy
- Member of the Animal Welfare Section of the Council for Animal Affairs in the Netherlands
- Member of the Dutch Institute of Agricultural Engineers (NILI)
- Member of the Royal Dutch Agricultural Association (KLV)
- Extraordinary member of the Royal Dutch Veterinary Association (KNMvD)
- Coordinator of the Vaccination Programs for Swine Fever in the Southern Netherlands
- Member of the Steering Committee of the Research Program: “Limits of Animal Production” of the Institute for Dutch Scientific Research
- Chairman of the Working Group for Animal Indoor Climate in the Netherlands
- Chairman of the Commission “Vaccination Strategies” of the Royal Dutch Veterinary Association
- Chairman of the Foundation “ Co-operation in the Pig Production Chain” (SKOVAR)
- President of the International Society for Animal Hygiene (1997-2000)
- Member of the Executive Board of the International Society for Animal Hygiene (1991-2009)
- Treasurer of the International Society for Animal Hygiene (2007-2009)
- Honorary Member of the International Society for Animal Hygiene (since 2011)
- Chairman Committee of Recommendation of the Conference: “Ensuring the Safety of Animal Feed”
- Chairman of the Foundation: “Stimulation Agricultural Education and Practice” (STAOP)
- President of the “Prof Tielen Fund” Foundation (PTF)
- Participant in Visitation Teams to Faculties of Veterinary Medicine on Request of the European Association of Establishments of Veterinary Education (EAEVE) (5×)
- Member of the Advisory Committee for Corporate Social Responsibility of VION, Best
- Member of the Round Table on Responsible Soy
- Member of the Steering Committee on Food and Agri Principles of Rabobank
- Member of the Supervisory Commission for Welfare Control to the Eradication Program of Calves in the Foot and Mouth Disease Outbreak in the Netherlands

- Member of the Supervisory Commission for Welfare Control to the Eradication Program of Pigs in the Swine Fever Outbreak
- President of the Dutch Feed Industry Association (NEVEDI)
- President of the European Feed Manufacturers Federation (FEFAC)
- Member of the Executive Board of the Product Board of Animal Feed

Prof Martin Tielen's Photo Gallery



One of the many international lectures on animal husbandry – Tuyem, Turkey, April 23, 2004



*Prof.dr.ir. Martin Tielen
Ridder in de Orde van Oranje-Nassau*
Martin and Mieke Tielen after being knighted by the Dutch Queen to Knight of the Order of the Orange Nassau in The Netherlands – April 29, 2009



Group of young researchers supported by the Professor Tielen Fund (PTF) at the XIV ISAH congress – Vechta, Germany, July 21, 2009



ISAH Executive Board – Vechta, Germany, July 22, 2009



ISAH Executive Board – Budapest, Hungary, October 10, 2009



Martin Tielen's appointment to Honorary Doctor of the Wrocław University of Environmental & Life Sciences – Wrocław, Poland, November 22, 2009 (opening)



Martin Tielen's appointment to Honorary Doctor, Wrocław University of Environmental & Life Sciences – Wrocław, Poland, November 22, 2009 (acceptance speech)



Group of young researchers supported by the Professor Tielen Fund (PTF) together with the PTF co-founder Paul van Gulick at the XV ISAH congress – Vienna, Austria, July 5, 2011



Achievement Award from Mayor of Košice – Košice, Slovakia, June 9, 2015