



Feed safety

e-Newsletter



Issue 6 - January 25, 2010

Welcome to the 6th Feed safety Newsletter

In this issue:

- 3rd International Feed Safety International Conference 2009 – Methods and Challenges
- Feed Safety Conference 2009 – Session 1: Setting the scene
- Feed Safety Conference 2009 – Session 2: Processed animal proteins
- Feed Safety Conference 2009 – Session 3: Contaminants and feed additives (Parallel session A)
- Feed Safety Conference 2009 – Session 4: Feed safety in feed supply chain (Parallel session B: Feed For Health)
- Feed Safety Conference 2009 – Session 5: New challenges in feed safety
- Safer food with CONFIDENCE
- SAFEED-PAP project status in the AICE bulletin
- Upcoming Events

In the spotlight

3rd International Feed Safety International Conference 2009 Methods and Challenges



overview of the latest legislative, scientific achievements and industrial progresses in the safety of the feed chain. Over 140 people attended the conference, coming from 25 countries through the world. The 31 lectures and the 42 posters presented during this event can be viewed on the SAFEED-PAP website on <http://safeedpap.feedsafety.org/fs2009/>. A slide show application including the pictures of the event can be downloaded as well.

In the framework of the [SAFEED-PAP project](#) “Detection of the presence of species specific processed animal proteins in animal feed”, funded by the 6th framework program of the European Commission, RIKILT hosted the 6th and 7th October 2009, in Wageningen, the 3rd Feedsafety conference “Methods and challenges”. The conference was organized in collaboration with the COST action [Feed for Health](#) (FA 0802), Working group 2 – Feed Safety and Working group 3 – Feed Supply. The purpose of the Conference was to give an



Piet Stouten, Chair Organizing Committee
Dr. Jacob de Jong, Chair Scientific Committee

More information is available on <http://safeedpap.feedsafety.org/fs2009/>

Feedsafety Conference 2009 - Session 1: Setting the scene



After the welcome speech of Aalt Dijkhuizen (chairman of the executive board of Wageningen UR, NL), Jacob de Jong (RIKILT, NL) launched the conference with the first session: setting the scene. Johanna Fink Gremmels (Utrecht University, NL) gave an overview of the [risk assessment of contaminants in the food chain](#). Frans Verstraete (DG SANCO, BE) gave the [recent developments in European legislation regarding feed safety issues with particular focus on undesirable substances](#). A. Doring (FEFAC, BE) explained [how the FEFAC developed and implemented the European Feed Manufacturers](#)

[Code \(EFMC\)](#). Then, [opportunities for European Research on Feed Safety](#) were presented by Antonio di Giulio (EC-DG Research, BE). Rik Herbes (DVM LLM, NL) continued by explaining how the Dutch food and consumer product authority has challenged the [incidents in the Netherlands](#). To close the session, Annika Wennberg (FAO, IT) developed [the Feed safety in the international perspective](#).

Feedsafety Conference 2009 - Session 2: Processed animal proteins



The second session entitled “the processed animal proteins” was chaired by Vincent Baeten (CRA-W, BE). To introduce this session, Emmanuel Vanopdenbosch (CERVA) gave firstly an overview of the [EFSA TSE/BSE risk assessments and uncertainties](#), including Geographical BSE Risk (GBR) and Meat and Bone Meal (MBM). After that, Juan Antonio Fernández Pierna (CRA-W, BE) summarized the [objectives of the SAFEED-PAP project](#). The main results of this project were presented by Gilbert Berben (CRA-W, BE) for the [last PCR developments for the species specific detection of MBM in feed](#), by Muralidhar Karanam (VLA,

UK) for the [improved protein extraction methods for immunological detection of PAP in feed](#), by Ana Boix (EC-JRC-IRMM, BE) for the [near infrared microscopy method](#) and by Leo van Raamsdonk (RIKILT, NL) for the [new developments in classical microscopy](#). Matthew Collins gave some results obtained in the archaeological world to [identify bone particles using soft-ionization mass spectrometry](#). Vincent Baeten (CRA-W, BE) closed the session by emphasizing [the SAFEED-PAP outputs and perspectives](#).

Feedsafety Conference 2009 - Session 3: Contaminants and feed additives (Parallel session A)



The third session chaired by Ursula Vincent (EC-JRC-IRMM, BE) was dedicated to the contaminants and feed additives. Jean Lou Dorne (EFSA, BE) introduced the session by talking about the [EFSA's risk assessment of undesirable substances in animal feed and its implication for animal and human health](#). During this session, an [overview of the CONFIDENCE project](#) was presented by Jacob de Jong (RIKILT, NL) and the first results were developed by Rikke Vingborg Hedegaard (DTU Food, DK) regarding [analytical methodologies for arsenic and mercury speciation analysis](#) and

by Ursula Vincent (EC-JRC-IRMM, BE) regarding the [recent developments of analytical methods for the simultaneous determination of authorised coccidiostats](#). Regarding the mycotoxins, Didier Jans (FEFANA, BE) presented the [FEFANA approach on "Mycotoxin adsorbents and/or denaturants" opening of a new functionality](#) and Joerg Stroka (EC-JRC-IRMM, BE) developed the [analytical aspects of mycotoxin binders](#).

Feedsafety Conference 2009 - Session 4: Feed safety in the feed supply chain (Parallel session B: Feed for Health)



The fourth session chaired by Dolores Perez Marin (UCO, SP) was dedicated to the COST Action [Feed for Health](#), co-organiser of the 3rd FEED SAFETY Conference. Luciano Pinotti (University of Milan, IT), coordinator of this project, gave an overview of the objectives of "[Feed for Health](#)". Jorge de Saja (CESFAC, SP) talked about the [impact of the world biofuel policy on the animal feed industry](#). Ruud Bremmers (REGAL B.V., NL) underlined the [advantages and disadvantages of the new regulations](#) in the feed. Ine van der Fels-Klerx (RIKILT, NL) described [a quantitative supply chain model to estimate](#)

[cadmium levels](#) in animal products in different soil scenarios. Ana Garrido (UCO, SP) reviewed state-of-the-art technologies that might contribute to the implementation of [feed traceability](#) mechanisms in livestock production systems. Martin Alm (EFPPA, BE) developed some ideas on the use of [animal by-products as a sustainable protein and phosphorus resource](#).

Feedsafety Conference 2009 - Session 5: New challenges in feed safety



the point of view of the European Union, by W. Trunk (EC-DG SANCO, BE)

In the last session “new challenges in feed safety”, chaired by Jan Sten Jorgensen (DPD, DK), were tackled: [the re-emerging risk of alkaloids in feed and food](#) by Hans van Egmond (RIVM, NL); [the consequences of in feed medication with antibiotics on the occurrence of antimicrobial resistance of public health concern](#) by Dik Mevius (Wageningen UR, NL); [the search for unauthorised variants in GMO's](#) by Arne Holst-Jensen (National Veterinary Institute, NO). Then, the [approach of the legislators on nanotechnology in animal feeds](#) was developed from the point of view of the USA, by D. Momcilovic (FDA, USA) and from

News from other projects

Safer food with CONFIDENCE



An overview of the new EU Framework Programme 7 project, "CONFIDENCE" has been published in the September 2009 issue of Food Science & Technology – the quarterly journal of the UK's Institute of Food Science & Technology (www.ifst.org) and is reproduced here with the permission of IFST.

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News in Europe

SAFEED-PAP project status in the AICE bulletin

28 Oct 2009



The Meat Processing Industries association of Spain reports in the AICE bulletin of September 2009, a summary of the status of the research regarding the detection of the processed animal proteins as well as the last activities (Workshop in China, 3rd Feedsafety conference 2009) organised in the framework of the SAFEED-PAP project.

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Upcoming Events



25-27 January 2010

Rapid methods Europe 2010
Noordwijkerhout - The Netherlands

[\[More...\]](#)



27 January 2010

Open Day CONffIDENCE
Noordwijkerhout - The Netherlands

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Contact: [Wim Beek \(RIKILT\)](#)



22 - 23 February 2010

DG SANCO – JRC Workshop on pyrrolizidine alkaloids in food and feed

Brussels – Belgium

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Contact: [Joerg Stroka \(EC-JRC-IRMM\)](#)



14-15 June 2010

2nd International FEEDforHEALTH Conference

Tromsø – Norway

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Contact: [Joop Luten \(NOFIMA\)](#)

SAFEED-PAP FP6 project : <http://safeedpap.feedsafety.org/>.
For further information contact: coordination@safeedpap.feedsafety.org

This work is funded by the European Commission, under the FP6 Food Quality and Safety Priority, within the framework of the STREP Project SAFEED-PAP – FOOD-CT-2006-036221 – entitled “Detection of presence of species-specific processed animal proteins in animal feed”. This project is carried out by a consortium coordinated by the CRA-W – Walloon Agricultural Research Centre (Be) and includes 13 partners. The information reflects the authors views, the European Commission is not liable for any use of the information contained therein.

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