



*Feed safety*

e-Newsletter



Issue 3 - July 4, 2008

### Welcome to the 3rd *Feed safety* Newsletter

In this issue:

- Third SAFEED-PAP meeting and first workshop
- Feeding Fats Safety Final Workshop
- Goals reached for the project FARIMAL
- News from other projects
- News in Europe
- Upcoming Events:
  - o 18-26 September 2008, Training course on Risk Assessment of Metal Exposure

### In the spotlight



#### **Third SAFEED-PAP meeting and first workshop**

In May 13-16<sup>th</sup> 2008 were organised in the National Veterinary Laboratory, Vilnius, Lithuania, the third SAFEED-PAP meeting together with the first workshop entitled "Detection, identification and quantification of processed animal protein (PAP) in feedingstuffs".

One of the main objectives for this workshop was to open up against the eastern European countries (ex Russia and Ukraine). This purpose was fulfilled with the participation of 15 persons from 11 countries representing new EC member states, EC candidate countries and third countries. The workshop was divided into a one day practical "hands on" part, and a theoretical part with lectures.



Contacts: [Vincent Baeten](#) and [Juan Antonio Fernandez Pierna](#)



## Feeding Fats Safety Final Workshop

The *Feeding Fats Safety* (FFS) project is part of the European Commission's 6th Framework Programme. The consortium started the activities on January 2005 and finished at the end of March 2008. In order to present and discuss the main results of the project, in the frame of its Final Meeting, the consortium organized a workshop on 28 March 2008 in Barcelona. The workshop was open to external observers from science and research, public administration and productive sectors. The session included 8 presentations, discussing about all the different aspects studied during the project. These presentations were:

- 1) *Chemical characterisation and classification of fats* (Paolo Bondioli, SSOG Milano).
- 2) *Repercussions on animal performance and health* (Mariola Baucells, University Autonomous of Barcelona)
- 3) *Repercussions on meat lipid quality* (Rafael Codony, University of Barcelona)
- 4) *Socio-economic benefits and risks of the use of fat by- and co-products in animal feeding* (Manuela Parini, SILO s.r.l.)
- 5) *PCCD/PCCF and DL-PCB in fats, rate of transfer to animal tissues and repercussions on meat safety* (Manuela Ábalos, CSIC)
- 6) *PAH in fats, rate of transfer to animal tissues and repercussions on meat safety* (Hélène Budzinski, University of Bordeaux 1-CNRS)
- 7) *European consumer opinion* (Francesc Guardiola, University of Barcelona)
- 8) *Main reports and publications coming out from the project* (Rafael Codony, Coordinator of the project)



Finally, a global discussion was opened and several participants asked questions and gave propositions to the different partners about each presentation. Relevant aspects were discussed, and several participants asked for more information about these results and discussed about some controversial aspects. The coordinator commented that all suggestions will be taken into account in the next future in order to refine the analysis of results and in the final reports to be produced at the end of the project. The members of the consortium received also relevant suggestions for better dissemination and exploitation of the results and conclusions. The presentations could be consulted (as well as another publications and communications) at the website of the project (<http://www.ub.edu/feedfat/documents.htm>).

Contact: [Rafael Codony](#)

---

## Goals reached for the project FARIMAL

The 30<sup>th</sup> of January 2008, the last follow-up committee meeting of FARIMAL took place. FARIMAL is a two years project supported by the Belgian Federal Public Service for Health, Food Chain Safety and Environment (contract S?6168) and dedicated to the detection and the speciation of animal particles in feedingstuffs.



Its main goals have been reached :

A new DNA extraction protocol has been developed. Thanks to a special extraction buffer, it is possible to perform 5 PCR with the extract from a single particle. An efficient cleaning protocol of the particles which means that the amplification is only due to the DNA internal to the particle, has still to be optimised.

Specific spectral databases have been built for the main species used for the animal meal production thanks to measurements with a NIR microscope. Discriminant models able to distinguish particles from these species have been developed. Specific spectral markers (specific spectral bands) have been identified for fish, cattle, pig and poultry species. Raman spectroscopy has shown an interesting potential for the analysis of the sedimented fraction and discriminant wavenumbers at 960 cm<sup>-1</sup> and 1087 cm<sup>-1</sup> have been identified. A study with a limited set of samples was also conducted to evaluate the potential of fluorescence to detect animal meals in feedingstuffs.

These research will be continued in the framework of the European project SAFEED-PAP (<http://safeedpap.feedsafety.org/>).

[More ...](#)

Contacts : [Gilbert Berben](#) and [Olivier Fumière](#)

## News from other projects

### A new tamper-proof feed sampler

12 Feb 2008



A tamper-proof feed sampler has been developed in the framework of the FIRM project Avian BioTrack and the EU FP6 project Sigma Chain. This device under Irish and European patent is currently being commercialised.

Source: Sigma-Chain & Avian BioTrack projects

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

## FEEDSAFETY Conference 2007 in the AICE bulletin

18 Jan 2008



The Meat Processing Industries association of Spain reports in the AICE bulletin of December 2007, a summary of the Feedsafety conference organised in Namur in November 2007 as well as the status of the research regarding the detection of the processed animal proteins.

Source: Asociacion de industrias de la carne de espana

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

## 1<sup>st</sup> FEED-SEG Symposium in Hungary

14-15 Jan 2008



Last January was planned the symposium on “Plant-derived feed additives” in the framework of the Feed-SEG SSA project. The symposium was a full success with more than 100 participants. The experts were discussing relevant issues regarding feed safety and quality. Amongst the lectures, an overview and the main results of the SAFEED-PAP project were presented by Paul Reece (CSL). During a partnering event around 60 bilateral meetings between experts who were looking for co-operation opportunities were established.

Source: FEED-SEG

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

## News in Europe

### IAG – Annual Conference 2008



10-12 Jun 2008

The International Association of Feedstuff Analysis (IAG) – section Feedstuff Microscopy had their summer conference at the Hotel Mercure in Buda, Budapest June 10-12<sup>th</sup>, 2008. The conference was arranged by The Hungarian Directorate of Food and Feed Safety, Central Feed Investigation Laboratory, Budapest

Many IAG members showed great interest in this meeting, which resulted in a conference with 51 participants

representing 18 countries (DK, D, A, CH, NL, S, Serbia, H, PL, IRE, UK, I, SP, B, FIN, SLOV, PORT, SLOVAKIA). Many new participants also from new EEC-countries participated for the first time and all were welcomed to the conference by the president Dr Inge Paradies-Severin, Germany.

The program represented beside the problematic of the animal protein identification in feedstuff also identification of plant ingredients and –contaminants, ringtest results and method readings. More detailed information of the IAG organization as well as the Conference Agenda and poster list is available at the IAG home page <http://www.iag-micro.org/>

## **Commission proposal for clearer and more modern rules for feed and pet food labeling**

08 Apr 2008



On 4 March, the Commission adopted a proposal for a Regulation aimed at simplifying the existing procedures for labelling and marketing of feed and pet food, contributing to making the system more efficient and maintaining the high level of protection for animal health and welfare as well as public health. Modernised rules will also benefit the EU livestock sector, helping to promote its competitiveness.

Source: EC - DG Health and Consumer Protection

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

## **Report of the CRL-AP interlaboratory Study 2006**

29 Feb 2008



On behalf of DG Sanco, the Community Reference Laboratory for animal proteins in feedingstuffs (CRL-AP) organized in 2006 an interlaboratory study for all National Reference Laboratories (NRLs) of the European Union nominated at that time. The goals of the study were (i) to evaluate the performance of the NRLs to apply the microscopic method for qualitative purpose indicated in Commission Directive 2003/126/EC and (ii) to investigate the robustness of the EC 126/2003 directive method regarding the quantitative evaluation of animal constituents in feedingstuffs. A full report can be consulted now on the website of the DG Health and Consumer Protection.

Source: CRL-AP

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

## **New website for EFPRA**

07 Feb 2008



The EFPRA's website has been launched in January 2008. EFPRA represents the interests of the European animal fat and animal by-product processors towards the European Union institutions and other international organizations.

Source: EFPRA

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

---

## Upcoming Events



**18 - 26 September 2008**

Training course on Risk Assessment of Metal Exposure

Brescia, Italy

[More...](#)

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

---

### Subscriber information:

To receive an email notification when a new issue is published, you have to complete the form on [http://safeedpap.feedsafety.org/subs\\_form.php](http://safeedpap.feedsafety.org/subs_form.php)

If you wish to unsubscribe, just reply to [newsletter@feedsafety.org](mailto:newsletter@feedsafety.org) , with the word "Unsubscribe" in the subject.

---

### Disclaimer:

The information provided on this newsletter has been provided for convenience as part of the service that is offered at this newsletter. The SAFEED-PAP consortium cannot accept any liability for its accuracy or content. Visitors who rely on this information do so at their own risk.