

**PROPOSED 2013 WORK PROGRAMME FOR THE EUROPEAN UNION  
REFERENCE LABORATORY “Detection of animal proteins in feedingstuffs”  
EURL-AP**

**Walloon Agricultural Research Centre – CRA-W (Belgium)**

**Activity 1 Scientific advice & support to the European Commission  
(150 m/d)**

- 1.1 Scientific advice and support to the European Commission (60 m/d):
- *In relation to the development of EC feed legislation (in 2013 only tuning of the revised Annex VI of EC/152/2009 is foreseen, reflection on future extension of feed ban relaxation to pigs and poultry will be initiated [SOP preparation mainly]),*
  - *Participation and scientific assistance to DG Sanco meetings (e.g SCoFCAH)*
  - *Technical assistance on request of DG Sanco (e.g. scientific questions, comparison of methods, requested priority experiments). This assistance and related experiments concern issues which are not covered by other activities (Activity 4).*
- 1.2 On the request of DG SANCO or the NRLs, performance of 50 counter-analyses on samples with disputed results (90 m/d).

**Activity 2 Scientific knowledge vigilance and dissemination (85 m/d)**

- 2.1 Upon the request of the European Commission or in order to fulfil his role as EURL, participation in international scientific fora/meetings relating to the detection of animal proteins in feedstuffs (2 IAG meetings, 1 AOCS annual

conference, 1 other [EFSA, EFPRA, FEFAC...]) with eventual presentations and posters to prepare for it. (missions outside the EU will get the agreement of DG Sanco) (30 m/d)

- 2.2 Participation in the annual EURL Directors co-ordination meeting (2 m/d)
- 2.3 Valorisation of EURL-AP activities (production in journals, books, help to other EURL's...) (45 m/d)
- 2.4 Experts meeting at EURL-AP (EU experts invited for scientific discussions on current issues on PAP detection. Expert meetings are also needed for SOP management [cf 5.4]) (8 m/d)

### **Activity 3 Maintenance of EURL-AP technical skills (261 m/d)**

- 3.1 Daily and long-term management of the EURL-AP (60 m/d):
  - *Team organisation and administration tasks,*
  - *Maintenance of the competences of the EURL-AP team and formation of the new recruits,*
  - *Preparation of the reports of activities according to the report guidelines transmitted by DG SANCO.*
  - *Preparation of the new workprogramme with its budget*
- 3.2 Maintenance and development of the sample bank (201 m/d):
  - *Establishment of the specification for the EURL-AP sample bank,*
  - *List of the priority needs regarding the materials to include in the sample bank,*
  - *Composition analyses (PCR ,microscopy, NIR,...) of the collected samples,*
  - *Maintenance of informatics tools for the appropriate management of the samples (SMS system),*
  - *Collection/production of samples of animal origin in support to EURL-AP method development experiments,*

- *Storing of the samples and production of microscopic image representative of the particles,*
- *Maintenance of the sample bank.*

#### **Activity 4 Development and evaluation of analytical methods (351 m/d)**

- 4.1 Development and research on PAPs detection and characterization by light microscopy or PCR (140 m/d):
- *Contribute to the development on PAPs detection and characterization and improvement of existing methods of analysis (combination of light microscopy and PCR, complementary species specific PCR targets)*
  - *Calibrants for targets in development.*
- 4.2 Development and evaluation of complementary methods (105 m/d):
- *Contribute to the development of complementary analytical methods necessary to assure the correct implementation of official methods and explorative or alternative methods (e.g. authorised ingredients vs prohibited PAP, influence of feed matrices, identification of sediment origin).*
  - *Evaluation and testing of the sequential combination of the selected successful complementary methods with a view to the SOP operational diagrams completion.*
  - *Performing EURL-AP available methods or adapting them on outbreak material to make them available for the NRLs network.*
- 4.3 Organization and preparation of collaborative studies for validation of methods from 4.1 (PCR pig/poultry targets) and 4.2 (when those methods are validated internally) (106 m/d)

## Activity 5 **NRL network management and support (538 m/d)**

### 5.1 Management of the Network and scientific advice (152 m/d):

- *Supply information and scientific advices (including non-official experiments or analyses of results upon NRL submission [excluding counter analyses which are included in 1.2]),*
- *Audit NRLs, coordinate on-site training on methods of analysis and assist staff from NRLs if proficiency testing reveals limited experience (on agreement of DG Sanco),*
- *To help to develop, extend and keep in the NRLs the highest standard of technical skill and quality management under accreditation on analytical methods for detection and identification of animal proteins in feed ingredients and in feedingstuffs.*

### 5.2 Communication and maintenance of information tools (36 m/d):

- *Maintenance and update of EURL website (internet/intranet) to disseminate and share information with NRLs and others stake holders,*
- *Preparation and sending of newsletters for NRLs.*

### 5.3 Organization of proficiency tests (1 for microscopy and 1 for PCR skills) and follow-up (179 m/d):

- *Definition (with the collaboration of the DG-Sanco) of the objectives*
- *Preparation of the proficiency tests (including homogeneity study)*
- *Invitation of the NRLs to participate*
- *Packaging and sending of the samples*
- *Collection of the results*
- *Redaction of the reports*

### 5.4 Production of SOPs, assistance support and samples dedicated to NRL network (72 m/d):

- *Production of public SOP: definition of the objective, development, expert meeting, redaction and diffusion on internet*

- *Coordinate the preparation, reception, storage, maintenance and distribution to national reference laboratories (NRL) of samples containing animal proteins derived from different species and in particular from fish, poultry, pigs and ruminants to be used as reference materials or to carry out comparative testing. Preparation, production, calibration and distribution of plasmids as calibrants for the PCR methods (this will be taken over by the IRMM)*
- *Production of technical network SOPs (redaction and posting on intranet)*
- *Production of support (e.g. excel files for cut-off determination,...)*

#### 5.5 Organisation of the EURL-AP workshop (36 m/d):

- *Preparation of the agenda,*
- *Invitation of the attendees,*
- *Realisation of the workshop,*
- *Minutes of the workshop.*

*Note: For 2013 it is proposed, as for the last 3 years, to organise the annual workshop outside Belgium. In 2013 the Slovenian NRL proposed to host the workshop in Ljubljana.*

#### 5.6 Organization of specific training for microscopy and PCR (preparation, realisation at EURL-AP facilities) and other educational activities (CD, DVD, training notes update...) (63 m/d)