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3 **MINUTES OF THE 46TH PLENARY MEETING OF THE**
4 **SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS**
5 **HELD ON 3-4 DECEMBER 2008 IN PARMA, ITALY**
6 **(ADOPTED ON 28 JANUARY 2009)**
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35 **PARTICIPANTS**
36

37 *GMO Panel:*

38 Hans Christer Andersson, Detlef Bartsch¹, Josep Casacuberta, Howard Davies, Patrick du Jardin,
39 Niels Bohse Hendriksen, Lieve Herman, Sirpa Kärenlampi, Jozsef Kiss, Gijs Kleter, Ilona Kryspin-

¹ Only present on 3 December 2008

40 Sorensen, Harry Kuiper (Chair), Nickolas Panopoulos, Joe Perry, Annette Pöting, Joachim
41 Schiemann, Jeremy Sweet and Jean-Michel Wal.

42

43

44 *EFSA:*

45 Jaime Aguilera, Per Bergman, Anna Christodoulidou, Yann Devos, Zoltán Divéki, Christina Ehlert,
46 Antonio Fernández Dumont, Andrea Germini, Ana Gomes, Karine Lheureux, Yi Liu, Sylvie
47 Mestdagh, Claudia Paoletti, Reinhilde Schoonjans, Elisabeth Waigmann, Mara Todeschi, Podevin
48 Nancy, Claudia Parisi.

49

50 *European Commission:*

51 Sabine Pelsser² and Michael Walsh³ (DG SANCO), Helen Clayton (DG ENV)

52

53

54 **APOLOGIES**

55

56 *GMO Panel:* Salvatore Arpaia, Ingolf Nes, Willem Seinen

57 *European Commission:* Sébastien Goux (DG SANCO), Yannis Karamitsios and Bernadette Murray
58 (DG ENV)

59

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61

62

63 **1. WELCOME AND APOLOGIES FOR ABSENCE**

64

65 The Chair opened the meeting and welcomed all. Apologies for absence were received from three
66 Panel members and two colleagues from DG SANCO and one colleague from DG ENV as
67 mentioned above. Two colleagues from the Commission and one panel member partially attended
68 the meeting as indicate above.

69

70 **2. ADOPTION OF THE AGENDA**

71

72 The agenda was adopted after adding three items under Any Other Business.

73

74

75 **3. DECLARATION OF INTERESTS**

76

77 Panel members were invited to declare possible interests on topics included on the agenda.
78 Declarations have been registered through the standard form submitted by the Panel members. One
79 Panel member, Annette Pöting, indicated that she was involved in the assessment of the Austrian
80 study “Biological effects of transgenic maize NK603xMON810” at national level (see Any Other
81 Business). Although this involvement at national level was regarded as no conflict of interest, the
82 Panel Member abstained from voting for this agenda item.

83

84

² Only present in the afternoon of 3 December 2008

³ Only present in the morning of 3 December 2008

85 **4. ADOPTION OF THE MINUTES OF THE 45TH PLENARY MEETING HELD ON 29-30**
86 **OCTOBER 2008**

87
88 The minutes of the 45th Plenary meeting (29-30 October 2008) were adopted after some corrections
89 were made and are published at:

90 http://www.efsa.europa.eu/EFSA/efsa_locale-1178620753812_1211902152917.htm

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92
93
94

5. DISCUSSION AND POSSIBLE ADOPTION OF OPINIONS ON:

95 **5.1. Natugrain TS (EFSA-Q-GMO-NL-2008-013 under Regulation (EC) No 1831/2003;**
96 **FEEDAP-GMO co-opinion)**

97
98
99

Introduction

100 Within the framework of an application in accordance with Article 4(1) of Regulation (EC) No
101 1831/2003 on additives for use in animal nutrition, EFSA has been requested by the European
102 Commission to deliver a scientific opinion on the safety and efficacy of the product Natugrain[®] TS
103 and Natugrain[®] TS L (endo-1,4- β -xylanase and endo-1,4- β -glucanase) as a feed additive within the
104 category of zotechnical additives, functional group digestibility enhancer, for chickens, turkeys
105 and ducks for fattening, laying hens and piglets.

106
107
108

Discussion

109 The GMO Panel has been asked to perform the assessment of the GM aspects of the microorganism
110 used for the production of this feed enzyme. The FEEDAP Panel will assess all other parts of the
111 feed enzyme application.

112

113 The additive Natugrain[®] TS is produced in two formulations, i.e. Natugrain[®] TS L (liquid) and
114 Natugrain[®] TS (solid). Both formulations contain thermostable endo-1,4- β -xylanase and
115 thermostable endo-1,4- β -glucanase, both enzymes being produced by genetically modified strains
116 of *Aspergillus niger*. The genes encoding these enzymes were each derived from a thermotolerant
117 ascomycete fungus, *Talaromyces emersonii* and were cloned in multiple copies into production
118 strains of *A. niger* to increase enzyme yield. The molecular characterisation of the genetic
119 modification does not trigger any particular safety concerns. The final enzyme preparation contains
120 no cultivable production organisms and the level of recombinant DNA is below the limit of
121 detection of 100 ng DNA g⁻¹ of the solid enzyme product and 17 ng DNA mL⁻¹ of the liquid
122 product.

123

Adoption

124
125

126 The opinion with regard to the risk assessment of the genetic modification of the application was
127 adopted unanimously by the Panel. Once the other part has been adopted by the FEEDAP Panel, the
128 co-opinion will be published on the EFSA website at:

129 http://www.efsa.europa.eu/en/science/gmo/gmo_opinions.html.

130

131 **5.2. Maize MON89034 and derived food and feed (EFSA-GMO-NL-2007-37 under**
132 **Regulation (EC) No 1829/2003; EFSA-Q-2007-042)**

133

Introduction

134

135

136 The GMO Panel was requested in accordance with Articles 6(6) and 18(6) of Regulation (EC) No
137 1829/2003 to carry out a scientific assessment of the genetically modified maize MON89034 for
138 food and feed uses and import and processing (EFSA-GMO-NL-2007-37).

139 The risk assessment was based on the information provided in the new application EFSA-GMO-
140 NL-2007-37, additional information provided by the applicant and the scientific comments
141 submitted by the Member States.

142

143 Insect-resistant Maize MON89034 was transformed by *Agrobacterium tumefaciens*-mediated gene
144 transfer technology. Maize MON89034 contains the Cry1A.105 and the Cry2Ab2 expression
145 cassettes (T-DNA I) but does not contain the *nptII* expression cassette (T-DNA II). The Cry1A.105
146 and the Cry2Ab2 expression cassettes confer resistance to certain insect pests.

147

148 The opinion of the GMO Panel corresponds to the safety assessment report as referred to in Articles
149 6(6) and 18(6) of Regulation (EC) No 1829/2003 and will be part of the overall opinion in
150 accordance with Articles 6(5) and 18(5).

151 *Discussion*

152

153 The GMO Panel is of the opinion that the molecular characterisation provided for the maize
154 transformation event MON89034 is sufficient for the safety assessment. The bioinformatic analysis
155 of the inserted DNA and flanking regions does not raise any safety concern. The expression of the
156 genes introduced by genetic modification has been sufficiently analysed and the stability of the
157 genetic modification has been demonstrated over several generations. The GMO Panel considers
158 that the molecular characterisation does not indicate any safety concern. Comparative analysis has
159 shown that maize MON89034 is compositionally and agronomically equivalent to conventional
160 maize, except for the introduced transgenic traits. The risk assessment included an analysis of data
161 from analytical studies, bioinformatic, and *in vitro* and *in vivo* studies. The GMO Panel concluded
162 that maize MON89034 is as safe as its non-GM counterpart and that the overall allergenicity of the
163 whole plant is not changed.

164 The application EFSA-GMO-NL-2007-37 concerns food and feed uses, import and processing of
165 maize MON89034. There is therefore no requirement for scientific assessment of possible
166 environmental effects associated with the cultivation of the GM maize. There are no indications of
167 increased likelihood of establishment or survival of feral maize plants in case of accidental release
168 into the environment of MON89034 seeds during transportation and processing. Also, the low
169 levels of environmental exposure through other routes indicate that the risk to target and non-target
170 organisms is likely to be extremely low. The scope of the post-market environmental monitoring
171 plan provided by the applicant is in line with the intended uses of maize MON89034.

172

173 In conclusion, the GMO Panel considers that information available for maize MON89034 addresses
174 the comments raised by the Member States and considers it unlikely that maize MON89034 will
175 have any adverse effect on human and animal health or on the environment in the context of its
176 intended uses.

177

178 The comments from MS that were submitted during the three-month consultation period were
179 addressed individually by the Panel in a separate annex.

180

181 *Adoption*
182 The opinion was adopted unanimously by the Panel. The scientific opinion is published on the following
183 EFSA website: http://www.efsa.europa.eu/en/science/gmo/gmo_opinions.html

184 The overall opinion, including the table containing the responses of the Panel to Member States is
185 published in the Register of Questions EFSA-Q-2007-042:

186 <http://registerofquestions.efsa.europa.eu/roqFrontend/questionsList.jsf>

187

188 **6. DISCUSSION OF OPINION ON:**

189

190 **6.1. Safeguard clause invoked by Austria according to Article 23 of Directive 2001/18/EC** 191 **in relation to maize MON 810 and T25 (EFSA-Q-2008-314)**

192

193 *Introduction*

194

195 On 18 April 2008, EFSA was requested by the European Commission, under Article 29(1) and in
196 accordance with Articles 22(5) and 22(5) (c) of Regulation (EC) No 178/2002, to assess:

197

198 *“whether the information submitted by Austria comprises information affecting the*
199 *environmental risk assessment of existing information on the basis of new scientific*
200 *knowledge such that detailed grounds exist to consider that the above authorised*
201 *GMOs, for the uses laid down in the corresponding consent, constitute a risk to the*
202 *environment”*

203

204 The GMO Panel considered and assessed the written information provided by the Austrian
205 authorities in support of their safeguard clause. On 2 December experts of the GMO Panel met the
206 Austrian Delegation and scientists in a technical bilateral meeting at EFSA to discuss the scientific
207 issues and to identify whether there is new scientific evidence which was not considered in the
208 previous risk assessments of maize MON810 and T25.

209

210 *Discussion*

211

212 The GMO Panel has investigated the claims and report provided by Austria. In the Austrian report,
213 the GMO Panel did not identify any new data or scientific information that would change the
214 previous risk assessments conducted on maize MON810 and T25, which currently have marketing
215 consent in the EU. In addition, the Austrian submission did not supply scientific evidence that the
216 environment or ecology of Austria presents conditions that would require separate risk assessments
217 from those conducted for other regions in the EU.

218 The GMO Panel concluded that maize MON810 and T25 are unlikely to have adverse effects on
219 human and animal health or on the environment in the context of their proposed uses. The GMO
220 Panel therefore reaffirmed its previous conclusions on the safety of maize MON810 and T25.

221 Having considered the information submitted by Austria and a broad range of scientific literature,
222 the GMO Panel was of the opinion that there is no specific scientific evidence, in terms of risk to
223 human and animal health and the environment, that would justify the invocation of the safeguard
224 clause under Article 23 of Directive 2001/18/EC for the marketing of maize MON810 and T25 for
225 its intended uses in Austria.

226 In conclusion, the GMO Panel found that the scientific evidence currently available does not sustain
227 the arguments provided by Austria and that cultivation of maize MON810 and maize T25 is
228 unlikely to have an adverse effect on human and animal health and the environment in Austria.

229
230 *Adoption*

231
232 The opinion was adopted unanimously by the Panel. The opinion can be found on the EFSA
233 website at: [http://www.efsa.europa.eu/EFSA/ScientificPanels/GMO/efsa_locale-
234 1178620753812_GMOOpinions455.htm](http://www.efsa.europa.eu/EFSA/ScientificPanels/GMO/efsa_locale-1178620753812_GMOOpinions455.htm).

236
237 **6.2. Mandate for a consolidated opinion on the use of antibiotic resistant marker (ARM)**
238 **genes in genetically modified plants (EFSA-Q-2008-411)**

239
240 On 21 May 2008, EFSA received the request by the European Commission (SANCO reference:
241 D/510274) for a consolidated opinion on the use of ARM genes as marker genes in genetically
242 modified plants.

243 Information relevant to the issue of ARM genes used as markers in genetically modified plants is
244 currently under review within EFSA in collaboration with the European Medicines Agency
245 (EMA), the European Centre for Disease Prevention and Control (ECDC) and other invited
246 experts. Such consolidated opinion requires additional technical discussions and the deadline to
247 deliver the opinion has been extended until March 2009.

248
249 Progress of the work has been presented to the GMO Panel, as well as procedural aspects such as
250 the establishment of a Joint Working Group between experts of the GMO and BIOHAZ Panel and
251 the appointment of a new Chair (Prof. Dr. Silano, Chair of the EFSA Scientific Committee) and
252 Secretary (Dr. Stef Bronzwaer, Deputy Head of Scientific Cooperation Unit, EFSA). A small
253 Drafting Group (which includes the vice-Chair and a member of the EFSA GMO Panel and the
254 Chair of the BIOHAZ Panel and an outside expert) will further work on the draft opinion. The work
255 plan involves meetings of the Drafting Group in December and February, followed by consultation
256 of the collaborating parties and a meeting of the Joint Working Group before the March Plenary
257 meetings of the GMO and BIOHAZ Panels in which the draft opinion will be proposed for
258 adoption.

259
260
261 **7. UPDATE ON APPLICATIONS RECEIVED UNDER REGULATION (EC) NO 1829/2003 AND**
262 **REGULATION (EC) NO 1831/2003**

263
264
265 **7.1 Written adoption for maize 59122 x NK603 and derived food and feed (EFSA-GMO-UK-**
266 **2005-20) (EFSA-Q-2005-247)**

267
268 The GMO Panel adopted on 19 November 2008 by written procedure the opinion on the
269 Application (EFSA-GMO-UK-2005-20) for authorization of the insect-resistant, glyphosate- and
270 glufosinate-tolerant genetically modified 59122 x NK603 maize and all derived products for food
271 and feed uses, import and processing but excluding cultivation (EFSA-Q-2005-247).

272

273 The opinion was adopted unanimously by the Panel. The scientific opinion is published on the following
274 EFSA website: http://www.efsa.europa.eu/en/science/gmo/gmo_opinions.html

275 The overall opinion, including the table containing the responses of the Panel to Member States is
276 published in the Register of Questions EFSA-Q-2005-247:
277 <http://registerofquestions.efsa.europa.eu/roqFrontend/questionsList.jsf>

278

279 **7.2 Ongoing applications**

280

281

- 282 • Maize LY038 (EFSA-GMO-NL-2006-31; EFSA-Q-2006-018): the GMO Panel discussed
283 the reply of the applicant and will finalize its risk assessment opinion.
- 284 • For the renewal dossier RX- 40-3-2 Soybean (EFSA-GMO-RX-40-3-2; EFSA-Q-2007-142)
285 further clarification from the applicant and discussion are needed.

286

287 **8. NEW REQUEST TO EFSA: DISCUSSION AND ADOPTION OF MANDATES**

288

289 **8.1. Applications under Regulation (EC) No 1829/2003**

290

291 Application for authorisation of genetically modified maize MON89034 x 1507 x MON88017 x
292 59122 was received through the Competent Authorities of Czech Republic under Regulation (EC)
293 No 1829/2003 (EFSA-GMO-CZ-2008-62) (EFSA-Q-2008-764). Competent Authorities of the
294 Member States within the meaning of Directive 2001/18/EC will be consulted by EFSA as foreseen
295 by Articles 6 (4) and 18 (4) of Regulation (EC) No 1829/2003, once the above mentioned
296 applications is valid. On its own initiative EFSA has broadened this consultation also to Competent
297 Authorities and other national risk assessment bodies of the Member States under Regulation (EC)
298 No 1829/2003. The comments will be considered during the scientific evaluation by the GMO
299 Panel of the risk assessment performed by the applicant.

300

301

302 The summary of the application EFSA-GMO-CZ-2008-62, as well as the information on the current
303 status can be found through the following webpage leading to EFSA's Register of Questions:
304 <http://registerofquestions.efsa.europa.eu/roqFrontend/questionsList.jsf>.

305

306 **8.2. Applications under Regulation (EC) No 1831/2003**

307 None

308

309

310 **9. UPDATE ON SELF TASK ACTIVITIES AND GUIDANCE FOR GMO RISK ASSESSMENT**

311

312 **Update Guidance Document for the risk assessment of GM plants and derived food and feed**

313 During the public consultation, comments were received on the updated EFSA Guidance
314 Document. The comments regarding the molecular characterization, toxicology and nutrition are
315 currently being addressed in the Molecular Characterisation and Food/Feed Working Groups of the
316 GMO Panel. Comments on compositional analysis, stacks and statistics will be addressed later on.
317 Comments on allergenicity and environmental issues will not be addressed at this stage, as relevant
318 documentation is currently under preparation in self tasking or other activities of the GMO Panel.

319 The updated Guidance Document forms the basis for the establishment of a legal framework for the
320 risk assessment of genetically modified plants and derived food and feed and is currently under
321 discussion by the Member States. Staff of the GMO Unit of EFSA as well as experts from the GMO
322 Panel will attend the meeting of the Standing Committee on the Food Chain and Animal Health
323 (SCoFCAH) on 16 December 2008.

324 **Update Guidance for the Environmental Risk Assessment of GM plants and derived food or**
325 **feed (EFSA-Q-2008-262)**

326 The Panel was informed about the progress of this mandate, the planned meeting, the timeframe and
327 the scheduled meeting of 17 December 2008 with representatives of Competent Authorities of the
328 Member States under Directive 2001/18/EC.

329 **Self-tasking activity on Non-Target Organism (NTO) (EFSA-Q-2008-089)**

330 The Panel was informed about the progress of the NTO working group and the meeting of
331 November. Attention was paid to the regional characteristics which are covered in the section on
332 receiving environments. The next meeting will be in Brussels on 16 December 2008.

333 **Guidance for the risk assessment of GM animals (EFSA-Q-2008-069)**

334 The Panel was updated on the progress for the broadened mandate on GM animals.

335 The EFSA Working Group on Food/Feed, Molecular Characterization and additional *ad hoc*
336 experts will start activities on this topic early 2009

337 With regard to the Environmental part of the future EFSA Guidance for GM animals, several calls
338 for tenders will be published, comprising GM fish, mammals, insects and birds. The call for fish
339 was re-launched on 27 November 2008, with more pro-active advertising, as no offers have been
340 received in response to the first call.

341 **Self-tasking on Allergenicity (EFSA-Q-2005-125)**

342 The Panel was informed about the work being in progress. Two sub-working group meetings have
343 taken place in order to further elaborate the draft report. Special attention has been paid to the
344 recommendations following each chapter.

345

346 **10. FEEDBACK FROM EFSA AND THE SCIENTIFIC COMMITTEE**

347

348 The Panel was informed that the document on “Guidance of the Scientific Committee on the
349 Transparency in the Scientific Aspects of Risk Assessment carried out by EFSA. Part 2: General
350 Principles” was endorsed for public consultation on 1 December 2008. The GMO Panel will be
351 invited to submit comments via the online tool.

352

353 An internal consultation will be held on the document of the Scientific Committee “Draft opinion
354 on the use of the Benchmark Dose Approach in Risk Assessment”, before submitting the draft
355 opinion to the Scientific Committee for possible adoption.

356 **11. FEEDBACK FROM THE COMMISSION**

357

358 DG SANCO informed that the European Commission adopted on 4 December 2008 a Decision
359 authorising GM soybean MON89788, also known as "Roundup Ready 2" soybean, for import and
360 processing and food and feed uses. The Commission adopted the decision following an application
361 submitted by the company Monsanto and a favourable scientific assessment from EFSA, which
362 addressed all safety concerns. EFSA concluded that there is no risk to human or animal health or to
363 the environment. MON89788 soybean underwent the full authorisation procedure set out in the EU
364 legislation. As the Member States failed to deliver a qualified-majority decision for or against this
365 authorisation in the Standing Committee on the Food Chain and Animal Health (SCoFCAH), and
366 then in the Council, the dossier was sent back to the Commission for decision. The authorisation is
367 valid for 10 years, and any products produced from this GM soybean will be subject to the strict
368 labelling and traceability rules of EU. For more information, see:
369 http://ec.europa.eu/food/food/biotechnology/index_en.htm

370 **12. DATES OF FUTURE MEETINGS**

371

372 New plenary dates for 2010 will be proposed in January 2009.

373

374 **13. ANY OTHER BUSINESS**

375

376 **GMO Panel deliberations on the Austrian report “Biological effects of transgenic maize**
377 **NK603 x MON 810 fed in long term reproduction studies in mice”⁴.**

378 On 11 November 2008 the Austrian Federal Ministry of Health, Family and Youth released a
379 research report on studies in mice, conducted to assess the impact of genetically modified maize
380 NK603 x MON 810 on reproduction (Biological effects of transgenic maize NK603 x MON 810
381 fed in long term reproduction studies in mice, Dr. Alberta Velimirov, Dr. Claudia Binter, Univ.
382 Prof. Dr. Jürgen Zentek).

383 The report includes three studies, a life-time study, a multigeneration study (MGS), and a
384 reproductive assessment by continuous breeding study (RACB). According to the authors the life-
385 time study showed no statistically significant differences in survival between mice fed with kernels
386 of maize NK603 x MON 810 and the controls. They also reported that, in the MGS study, no
387 significant differences in reproductive traits were found between mice fed with kernels of maize
388 NK603 x MON 810 and the controls. In the RACB study, the authors used a modified protocol of
389 the original RACB study developed at the U.S. National Toxicology Program (NTP) for the testing
390 of chemicals. Male and female mice were housed as breeding pairs for approximately 20 weeks and
391 allowed to produce litters continuously throughout the cohabitation period. The authors identified
392 differences in reproductive parameters between mice fed with the GM maize and the controls. They
393 reported that there were statistically significantly fewer pups born in the GM group in the 3rd and
394 4th delivery and fewer pups weaned in the 4th litter compared with the control group.

⁴ These deliberations have been adopted at the 46th plenary meeting (3-4 December 2008) and were published shortly afterwards as adopted part of the minutes. The present minutes of the 46th plenary meeting replace that publication, without changes to its content.

395 The GMO Panel considered this report and came to the following conclusions.

396 Regarding the RACB study, the summary Table 59 contains calculation errors and inconsistencies
397 in the treatment of the data regarding the 3rd and 4th litters. In addition, it seems that the authors
398 have calculated the number of pups at birth per pair and not per delivering pair, which is standard
399 practice. Also, there appears to be methodological deficiencies in the statistical analysis that
400 seriously compromise the interpretation of the data. For the reasons stated above, individual data
401 are required for a proper assessment. In addition, more detailed information regarding the breeding
402 scheme is needed. In particular, it should be clarified whether, in the 3rd and 4th pairing, the same
403 or different pairs failed to reproduce.

404 Information regarding the normal variation of the parameters examined in this study for the mouse
405 strain used (historical control data) is required before any conclusion may be drawn on possible
406 alterations in reproductive performance. In addition, further information on the estrous cycle and
407 histopathological parameters including spermatogenesis, follicle and oocyte counts is essential for
408 assessing the claims of reduced fertility.

409 The GMO Panel also notes that information on the genetic identity and characteristics of the tested
410 materials is not sufficient.

411 On the basis of the data presented the GMO Panel is of the opinion that no conclusions can be
412 drawn from the report.

413

414 Further to its above deliberations on the Austrian report, the GMO Panel would like to draw the
415 attention to the recently published EFSA report on the safety and nutritional assessment of GM
416 plants and derived food and feed (Food and Chemical Toxicology 46 (2008) S2-S70⁵) regarding the
417 use of animal feeding trials for the evaluation of potential long term effects.

418

419 **Proposal for a new self-tasking on stacks and choice of comparators**

420 The Panel discussed and agreed that, although the use of negative segregant may provide some
421 useful information, the risk assessment of a GM plant based exclusively on the comparison with a
422 negative segregant is not sufficient to perform a proper safety evaluation. This has implications for
423 several pending dossiers submitted to EFSA for which the clock is stopped. The Panel will establish
424 a Working Group to discuss the choice of appropriate comparator(s) for different events. This
425 Working Group will also provide further details on the approach to be taken when appropriate
426 comparators are not available and, consequently, a comparative safety assessment is not possible.

427 **Bilateral meeting with the Belgian and French delegations**

428 Part of the next meeting of the Food/Feed Working Group on applications will be dedicated to a
429 technical discussion with Belgian and French delegates on aspects of the risk assessment
430 methodologies.

431 **Amendment of the OECD protocol 408**

⁵ http://www.efsa.europa.eu/EFSA/efsa_locale-1178620753812_1178660555237.htm

432 The European Commission, being a member of OECD, was asked to submit an EFSA proposal to
433 the OECD. This will be further discussed at the January Plenary meeting.

434 **Adoptions through written procedure**

435 The Panel discussed the practical and financial implications of adoption of Opinions through
436 written procedure in case the legal deadline falls between two Plenary meetings. EFSA staff
437 indicated that this procedure is only to be used when there is no other option for meeting the legal
438 deadline.