



EUROPEAN MEDICINES AGENCY
SCIENCE MEDICINES HEALTH

20 January 2017
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Inspections, Human Medicines Pharmacovigilance & Committees Division

Committee for Advanced Therapies (CAT) Minutes for the meeting on 08-09 December 2016

Chair: Paula Salmikangas - Vice-chair: Martina Schübler-Lenz

08 December 2016, 09:00 – 13:30
09 December 2016, 09:00 – 13:00

Health and safety information

In accordance with the Agency's health and safety policy, delegates are to be briefed on health, safety and emergency information and procedures prior to the start of the meeting.

Disclaimers

Some of the information contained in these minutes is considered commercially confidential or sensitive and therefore not disclosed. With regard to intended therapeutic indications or procedure scopes listed against products, it must be noted that these may not reflect the full wording proposed by applicants and may also vary during the course of the review. Additional details on some of these procedures will be published in the CAT meeting reports once the procedures are finalised.

Of note, these minutes are a working document primarily designed for CAT members and the work the Committee undertakes.

Note on access to documents

Some documents mentioned in the minutes cannot be released at present following a request for access to documents within the framework of Regulation (EC) No 1049/2001 as they are subject to on-going procedures for which a final decision has not yet been adopted. They will become public when adopted or considered public according to the principles stated in the Agency policy on access to documents (EMA/127362/2006).



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1. Introduction

1.1. Welcome and declarations of interest of members, alternates and experts

In accordance with the Agency's policy on handling of declarations of interests of scientific committees' members and experts, based on the declarations of interest submitted by the Committee members, alternates and experts and based on the topics in the agenda of the current meeting, the Committee Secretariat announced that no restriction in the involvement of meeting participants in upcoming discussions was identified.

Participants in this meeting were asked to declare any changes, omissions or errors to their declared interests and/or additional restrictions concerning the matters for discussion. No new or additional interests or restrictions were declared.

Discussions, deliberations and voting took place in full respect of the restricted involvement of Committee members and experts in line with the relevant provisions of the Rules of Procedure and as included in the list of participants. All decisions taken at this meeting were made in the presence of a quorum of members (i.e. 22 or more members were present in the room). All decisions, recommendations and advice were agreed by consensus, unless otherwise specified.

1.2. Adoption of agenda

CAT agenda for the 08-09 December 2016 meeting was adopted.

1.3. Adoption of the minutes

CAT minutes for the 03-04 November 2016 meeting were adopted.

2. Evaluation of ATMPs

2.1. Opinions

No items

2.2. Oral explanations

No items

2.3. Day 180 list of outstanding issues

No items

2.4. Day 120 list of questions

No items

2.5. Day 80 assessment reports

No items

2.6. Update on ongoing initial applications

2.6.1. Expanded human allogeneic mesenchymal adult stem cells extracted from adipose tissue; Orphan; EMA/H/C/0004258

TiGenix S.A.U.; Treatment of complex perianal fistula(s)

Scope: restart of procedure

Action: for information

The review timetable was noted.

2.6.2. Human autologous spheroids of matrix– associated chondrocytes for transplantation; EMA/H/C/0002736

Indicated for adults and adolescents with a closed epiphyseal growth plate

Scope: restart of the procedure

Action: for information

The review timetable was noted.

2.7. New applications

Disclosure of information related to this section cannot be released at the present time as it is deemed to contain commercially confidential information.

2.8. Withdrawal of initial marketing authorisation application

No items

2.9. Re-examination of initial application procedures under Article 9(2) of Regulation No. 726/2004

No items

2.10. GMP and GCP inspections requests

Disclosure of information related to this section cannot be released at the present time as it is deemed to contain commercially confidential information.

2.11. Type II variations - variation of therapeutic indication procedure according to Commission Regulation (EC) No 1234/2008

No items

2.12. Other Post-Authorisation Activities

No items

3. Certification of ATMPs

Disclosure of information related to this section cannot be released at the present time as it is deemed to contain commercially confidential information.

3.1. Opinion

No items

3.2. Day 60 Evaluation Reports

No items

3.3. Ongoing applications

3.4. New Applications

4. Scientific Recommendation on Classification of ATMPs

Disclosure of information related to this section cannot be released at the present time as it is deemed to contain commercially confidential information.

4.1. New requests – Appointment of CAT Coordinators

4.1.1. Adeno-associated virus type 8 encoding the human myotubularin (MTM1) gene; EMA/H0004719

Intended for the treatment of X-linked myotubular myopathy (XLMTM)

Scope: appointment of CAT Coordinator and adoption of timetable

Action: for adoption

Nominations were received. The CAT member was appointed as CAT coordinator for this procedure

4.1.2. Messenger RNA components encoding six non-small cell lung cancer associated antigens; EMA/H0004716

Intended for the treatment of non-small cell lung cancer (NSCLC)

Scope: appointment of CAT Coordinator and adoption of timetable

Action: for adoption

Nominations were received. The CAT member was appointed as CAT coordinator for this procedure

4.1.3. Messenger ribonucleic acid (RNA) construct encoding the wild type human OX40L protein; EMA/H0004726

Intended for the treatment of solid tumours

Scope: appointment of CAT Coordinator and adoption of timetable

Action: for adoption

Nominations were received. The CAT member was appointed as CAT coordinator for this procedure

4.1.4. Bone marrow derived mesenchymal cells (MSCs); EMA/H0004718

Intended for the treatment of acute graft *versus* host disease

Scope: appointment of CAT Coordinator and adoption of timetable

Action: for adoption

Nominations were received. The CAT member was appointed as CAT coordinator for this procedure

4.1.5. [Allogeneic cytomegalovirus-specific cytotoxic T lymphocytes \(CMV-CTLs\) - Orphan; EMA/H0004717](#)

Atara Biotherapeutics Ireland Limited; Intended for the treatment of cytomegalovirus-associated viraemia or disease after allogeneic haematopoietic cell transplant or solid organ transplant

Scope: appointment of CAT Coordinator and adoption of timetable

Action: for adoption

Nominations were received. The CAT member was appointed as CAT coordinator for this procedure

4.2. **Day 30 ATMP scientific recommendation**

4.2.1. [Bone marrow-derived lineage-negative heterogenic stem and progenitor cells; EMA/H0004703](#)

Intended for the treatment of amyotrophic lateral sclerosis in adults

Scope: adoption of scientific recommendation

Action: for adoption

CAT discussed the ATMP classification report. CAT adopted by consensus the ATMP classification report. CAT secretariat to send the draft scientific recommendation to the European Commission for comments

The CAT recommendation will be considered final if no comments are received from the European Commission. The final report will be sent thereafter to the applicant.

4.2.2. [Leukocytes with cancer killing activity; EMA/H0004704](#)

Intended for the treatment of metastatic pancreatic ductal adeno carcinoma

Scope: adoption of scientific recommendation

Action: for adoption

CAT discussed the ATMP classification report. CAT adopted by consensus the ATMP classification report. CAT secretariat to send the draft scientific recommendation to the European Commission for comments

The CAT recommendation will be considered final if no comments are received from the European Commission. The final report will be sent thereafter to the applicant.

4.3. **Day 60 revised ATMP scientific recommendation (following list of questions)**

No items

4.4. Finalisation of procedure

4.4.1. Bone marrow derived mesenchymal cells (MSCs); EMA/H004688

Intended for acute graft versus host disease grades III and IV resistant to the first line of treatment

Scope: no comments from the European Commission

Action: for information

The final report was noted.

4.5. Follow-up and guidance

No items

5. Scientific Advice (SA)

Disclosure of information related to this section cannot be released at the present time as it is deemed to contain commercially confidential information.

5.1. New requests – appointment of CAT Coordinators

5.2. CAT Rapporteurs' reports

5.3. List of Issues

5.4. Finalisation of SA procedures

6. Pre-Authorisation Activities

Disclosure of information related to this section cannot be released at the present time as it is deemed to contain commercially confidential information.

6.1. Paediatric investigation plans

6.2. ITF briefing meetings in the field of ATMPs

6.3. Priority Medicines (PRIME) – Eligibility requests

6.3.1. Month 1 – Discussion of eligibility

6.3.1.1.

6.3.2. Month 2 – Recommendation of eligibility

6.3.3. Month 3 – Nomination of Rapporteurs

No items

7. Organisational, regulatory and methodological matters

7.1. Mandate and organisation of the CAT

7.1.1. Forthcoming elections for Chair and Vice-Chair

Scope: election of Chair to take place in February 2017; election of Vice-Chair to take in March 2017

Action: for information

The information was noted.

7.1.2. Survey to committees members on the service provided by the Scientific Committees Service

Scope: findings to committee members of the survey that was conducted in July 2016

Action: for information

Topic postponed to February 2017.

7.1.3. Committee for Medicinal Products for Human Use (CHMP)

Scope: Summary of Outcomes (SoO) for the November 2016 meeting

Action: for information

The information was noted.

7.1.4. Conditional marketing authorisation for medicinal products for human use

Scope: EMA report on ten years of experience with the regulatory tool of conditional marketing authorisations

Action: for information

Note:

-the CAT was consulted on draft guideline in 2015 and introduced to the final guideline in March 2016

-the CHMP adopted the guideline in February 2016

CAT noted the information on the 10-year experience with conditional marketing authorisations.

Post-meeting note: click here for the [report](#)

7.2. Coordination with EMA Working Parties/Working Groups/Drafting Groups

7.2.1. ATMP guideline on safety and efficacy follow-up and risk management

Scope: presentation on the guideline. Comments should be provided by 05 January 2017

Action: for discussion

The draft revised guideline was presented. CAT members were asked to provide written comments in advance of the January CAT meeting so that a full discussion can take place at the next CAT meeting.

7.2.2. Working Party with Healthcare Professionals' Organisations (HCPWP)

Scope: HCPWP work plan 2017

Action: for adoption

The work plan was adopted.

7.2.3. Working Party with Patients' and Consumers' Organisations (PCWP)

Scope: agenda of the training session for patients and consumers interested in EMA activities (29 November 2016); agenda of the PCWP meeting with all eligible organisations (30 November 2016)

Action: for information

Scope: PCWP work plan 2017

Action: for adoption

The work plan was adopted.

7.2.4. Working Party with Patients' and Consumers' Organisations (PCWP) and Working Party with Healthcare Professionals' Organisations (HCPWP)

Scope: report of the PCWP/HCPWP workshop on social media (19 September 2016)

Action: for information

The report was noted.

7.3. Cooperation within the EU regulatory network

7.3.1. Environmental risk assessment for gene therapy products

Scope: nomination of CAT members/representatives from NCAs to take part in a group of national experts of medicines and from the environmental authorities to discuss genetically modified organism (GMO) related issues during clinical trials, marketing authorisation and post approval

Action: for information

Note: in October 2016, CAT members were asked to provide names of assessors/experts with experience in reviewing GMO/GTMP clinical trials. CAT members will also be involved.

This topic is, also, linked also to the CAT work plan 2017 (see 7.5.1). The Commission Representative mentioned that invitations were sent to the National Competent Authorities for the nomination of experts in the field of medicines and in the field of environmental risk assessment/GMO. CAT can also propose CAT representatives to this group. A first meeting will be organised by the European Commission in early February 2017.

7.4. Cooperation with international regulators

No items

7.5. CAT work plan

7.5.1. CAT 2017 work plan

Scope: appointment of CAT topic leaders and participants. Deadline for receipt of comments and interest to participate: 1 December 2016

Action: for adoption of nominations

Note: the CAT work plan will be adopted at its plenary meeting in January 2017

CAT discussed the topics in the CAT work plan for 2017 and more specifically the proposed timings for the deliverables. CAT topic leaders and CAT participants for the work plan topics were appointed.

7.5.2. CAT workshop: scientific and regulatory challenges of genetically modified cell-based cancer immunotherapy products that took place on 15-16 November 2016, EMA, London

CAT members: Rune Kjekken, Björn Carlsson

Scope: feedback on the workshop

Action: for information

All presentations and video recordings are published on the EMA website:

http://www.ema.europa.eu/ema/index.jsp?curl=pages/news_and_events/events/2016/08/event_detail_001318.jsp&mid=WC0b01ac058004d5c3

Feedback postpone to the January 2017 meeting.

7.5.3. Questions and Answers document on minimally manipulated ATMPs

CAT drafting group: Metoda Lipnik-Stangelj, Paula Salmikangas, Tiina Palomäki, Egbert Flory, Margarida Menezes Ferreira, Marit Hystad, Mikuláš Hrubíško

Scope: draft Questions & Answers. Comments by CAT member until 01 January 2017

Action: for discussion

Note:

The Questions-and-Answers document describes the application of the risk-based approach for minimally manipulated ATMP (e.g. CD34+ cells for cardiac repair). In the answers, a practical explanation will be provided on how to use the risk based approach to identify and justify deviations from the standard requirements for cell-based ATMPs as included in Annex I Part IV of Dir. 2001/83/EC.

Topic postponed to the January meeting. This will allow the drafting group to meet in the margins of the next plenary meeting to finalise the document before presenting it to CAT.

7.6. Planning and reporting

7.6.1. 2017 forecast of the business pipeline report for the human scientific committees

Scope: fourth quarterly update on the planning estimates of forthcoming marketing authorisation applications for human medicinal products (including advanced therapies)

Action: for information

The information was noted

7.6.2. Action plan following ATMP multi-stakeholder workshop that took place on 27 May 2016

Action: for information

Note: EMA presented to the CAT at its July 2016 meeting both the stakeholders and the regulators reports together with the action plan.

EMA presented the draft plan with actions to improve the regulatory and scientific environment for ATMPs.

CAT members provided active feedback on the proposed actions. Changes in wordings were proposed to clarify the expected actions and outcomes.

High level feedback on the action plan will be provided at the European Medicines Agency-European Biopharmaceuticals enterprises workshop (that will take place on 16 December 2016). The action plan will be published after consultation of the participants of the closed session of the multi-stakeholder workshop.

7.7. Others

7.7.1. EMA policy on the handling of competing interests for scientific committees' members and experts - update

Action: for information

CAT noted the revised policy on handling competing interests for scientific committees members and experts.

The revision to the EMA policy on the handling of competing interests for scientific committees' members and experts were presented. The CAT members for whom this revision resulted in a change in their participation to the CAT activities were contacted individually.

Post-meeting note: click here for the [policy](#)

8. Any other business

Date of next CAT meeting:

Wednesday 18 to Friday 20 January 2017

9. Explanatory notes

The Notes give a brief explanation of relevant agenda items and should be read in conjunction with the agenda.

Abbreviations / Acronyms

ADA: Adenosine deaminase

AR: Assessment Report

ATMP: Advanced Therapy Medicinal Product

BWP: Biologics Working Party

CAT: Committee for Advanced Therapies

CHMP: Committee for Medicinal Product for Human Use

COMP: Committee for Orphan Medicinal Products

CTFG: Clinical Trial Facilitation Group

DG: Drafting Group

DNA: Deoxyribonucleic acid

EC: European Commission

ERA: Environmental Risk Assessment

FDA: Food and Drug Administration

FL: Final Letter

GCP: Good Clinical Practice

GLP: Good Laboratory Practice

GMO: Genetically-modified organism

GMP: Good Manufacturing Practice

GTMP: Gene Therapy Medicinal Product

HLA: Human leukocyte antigen

HTA: Health Technology Assessment Bodies

HSPC: Hematopoietic Stem and Progenitor Cells

ITF: Innovative Task Force

JR: Joint Report

LoOI: List of outstanding issues

LoQ: List of questions

MA: Marketing Authorisation

MAA: Marketing Authorisation Applicant

MAH: Marketing Authorisation Holder

MSC: Mesenchymal stem cells

PDCO: Paediatric Committee

PMDA: Pharmaceuticals and Medical Devices Agency (Japan)

PIP: Paediatric Investigation Plan

PL: Package leaflet
 PRAC: Pharmacovigilance and Risk Assessment Committee #
 PRIME: Priority Medicines
 RMP: Risk Management Plan
 RNA: Ribonucleic acid
 RP: Reflection paper
 RSI: Request for supplementary information
 SAs: Scientific Advices
 SAG-O: Scientific Advisory Group Oncology
 SAWP: Scientific Advice Working Party
 SR: Summary Report
 SWP: Scientific Working Party
 SME: Small and medium size enterprises
 SmPC: Summary of Products Characteristics
 TT: Timetable

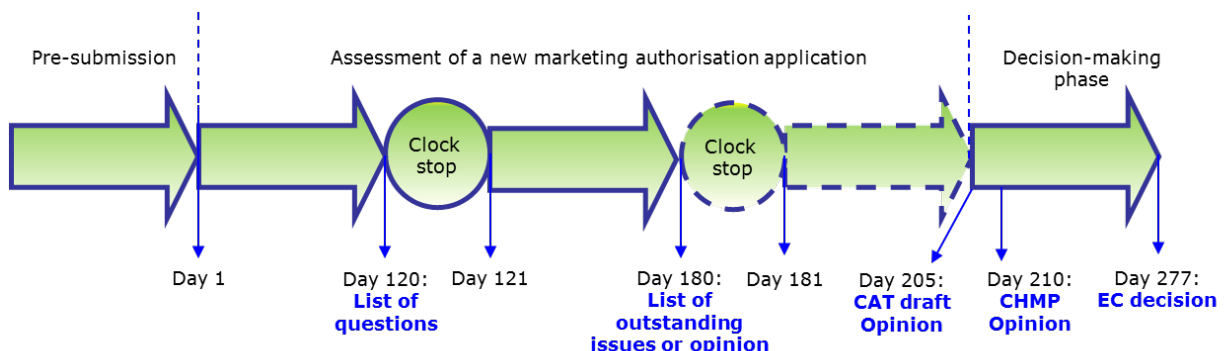
Evaluation of ATMPs (section 2)

This section lists applications for marketing authorisations of new Advanced Therapy Medicinal Products (ATMPs) that are to be discussed by the Committee. It also lists any ATMP related inspection requests (*section 2.9*) and Post-authorisation activities (*section 2.10*).

New applications (sections 2.1. to 2.12.)

Section 2.1 is for ATMPs nearing the end of the evaluation and for which the CAT is expected to adopt a draft **opinion** at this meeting on whether marketing authorisation should be granted. Once adopted, the CAT opinion is transmitted to the CHMP for final adoption. The CHMP opinion will be forwarded to the European Commission for a final legally binding decision valid throughout the EU. More information on the evaluation of ATMPs can be found [here](#).

The other items in the section are listed depending on the stage of the evaluation, which is shown graphically below:



The assessment of an application for a new medicine takes up to 210 'active' days. This active evaluation time is interrupted by at least one 'clock-stop' during which time the applicant prepares the answers to questions from the CAT. The clock stop happens after day 120 and may also happen after day 180, when the CAT has adopted respectively a **Day 120 list of questions** (*section 2.3*) or a List

of outstanding issues to be addressed by the company, which is listed in the agenda under sections 2.7 ([Ongoing evaluation procedures](#)). Section 2.7 also includes the CAT discussions at any other timepoint of the evaluation procedure of new applications.

Oral explanation (section 2.2.)

Prior to adoption of the CAT opinion, marketing authorisation applicants are normally invited to the CAT plenary meeting to address questions raised by the Committee.

Oral explanations normally relate to ongoing applications, but they can also relate to any other issue for which the CAT would like to discuss with company representatives in person.

Re-examination procedures (new applications) under article 9(2) of regulation no 726/2004 (section 2.6.)

This section lists applications for new marketing authorisation for ATMPs for which the applicant has requested a re-examination of the opinion previously issued by the CHMP. Similar to the initial evaluation of a marketing authorisation of an ATMP, CAT will adopt a draft re-examination opinion, which is transmitted to the CHMP for final adoption.

Withdrawal of applications (section 2.7.)

This section includes information on marketing authorisation applications that are withdrawn by the applicant. Applicants may decide to withdraw applications at any stage during the assessment and a CAT opinion will therefore not be issued. Withdrawals are included in the agenda for information or discussion, as necessary.

New applications (section 2.9.)

In this section, information is included on upcoming marketing authorisation applications for ATMPs, as well as information on appointment of Rapporteurs for new ATMP applications.

GMP and GCP Inspections Issues (section 2.10.)

This section lists inspections that are undertaken for ATMPs. Inspections are carried out by regulatory agencies to ensure that marketing authorisation holders comply with their obligations. Inspection can relate to good manufacturing practice (GMP), good clinical practice (GCP), good laboratory practice (GLP) or good pharmacovigilance practice (GVP).

Post-authorisation activities (section 2.12.)

This section lists type II variations, extension application according to Annex I of Reg. 1234/2008, re-examination procedures for type II variations (including extension of indication applications) for which the applicant has requested re-examination of the opinion previously issued by the CHMP and other issues concerning authorised medicines that are not covered elsewhere in the agenda such as annual reassessments, 5-year renewals, supply shortages, qualify defects. Issues that have been discussed at the previous meeting of the PRAC, the EMA's committee responsible for evaluating and monitoring safety issues for medicines, will also be included here.

Certification of ATMPs (section 3)

This section includes the scientific evaluation by the CAT of quality and non-clinical data that small and medium-sized enterprises have generated at any stage of the ATMP development process. More information on the ATMP certification procedure can be found [here](#).

Scientific Recommendation on Classification of ATMPs (Section 4)

This section includes the scientific recommendation by the CAT on whether medicines based on genes, cells or tissues meet the scientific criteria that define ATMPs. More information on the ATMP classification procedure, including the outcomes of finalised classifications, can be found [here](#).

Scientific Advice (section 5)

This section includes all scientific advice given to companies during the development of an ATMP. Information related to the number of ATMP related scientific advices discussed by CAT can be found in the CAT Monthly reports. Further information on SAWP can be found [here](#).

Pre-Authorisation (section 6)

Paediatric Investigation Plan (PIP)

This section includes the discussion of an ATMP before a formal application for marketing authorisation is submitted. These cases refer for example to requests for an accelerated assessment for medicines that are of major interest for public health or can be considered a therapeutic innovation: in case of an accelerated assessment the assessment timetable is reduced from 210 to 150 days.

CAT contributes to the evaluation of a Paediatric Investigation Plan (PIPs) for ATMPs by the Paediatric Committee. These PIPs are included in this section of the Agenda.

ITF Briefing meeting in the field of ATMPs

This section refers to briefing meetings of the Innovation Task Force and International co-operations activities of the CAT

The Innovation Task Force (ITF) is a body set up to encourage early dialogue with applicants developing innovative medicines. Minutes of meetings with applicants developing ATMPs and of other ITF meetings of interest to the CAT are included in this section of the agenda. Further information on the ITF can be found [here](#).

Organisational, regulatory and methodological matters (section 7)

This section includes topics related to regulatory and procedural guidance, CAT workplan, CAT meeting organisation (including CAT membership), planning and reporting, co-ordination with other committees, working parties and scientific advisory groups.

Furthermore, this section refers to the activities of the CAT drafting groups developing scientific guidelines for gene therapy medicinal products and for cell-based medicinal products, cooperation within the EU regulatory network and international regulators as well as direct interaction with interested parties. It also includes topics of scientific interest for the Committee that are not directly related to the work of the CAT drafting groups or CAT associated working parties.

Any other business (section 8)

This section is populated with miscellaneous topics not suitable under the previous headings.

More detailed information on the above terms can be found on the EMA website: www.ema.europa.eu/

10. List of participants

including any restrictions with respect to involvement of members / alternates / experts following evaluation of declared interests for the 8th – 9th December 2016 meeting.

Name	Role	Member state or affiliation	Outcome restriction following evaluation of e-DoI	Topics on agenda for which restrictions apply
Paula Salmikangas	Chair	Finland	No interests declared	
Claire Beuneu	Member	Belgium	No interests declared	
Belaïd Sekkali	Alternate	Belgium	No interests declared	
Mirna Golemovic	Member	Croatia	No interests declared	
Ivica Malnar	Alternate	Croatia	No interests declared	
Tomáš Boráň	Member	Czech Republic	No interests declared	
Ivana Haunerova	Alternate	Czech Republic	No interests declared	
Nanna Aaby Kruse	Member	Denmark	No restrictions applicable to this meeting	
Anne Pastoft	Alternate	Denmark	No interests declared	
Toivo Maimets	Member	Estonia	No interests declared	
Tarmo Tiido	Alternate	Estonia	No interests declared	
Tiina Palomäki	Member	Finland	No interests declared	
Olli Tenhunen	Alternate	Finland	No interests declared	
Violaine Closson	Member	France	No interests declared	
Martina Schüssler-Lenz	Member (Vice-Chair)	Germany	No interests declared	
Egbert Flory	Alternate	Germany	No interests declared	
Angeliki Roboti	Alternate - Replacing Asterios Tsiftoglou	Greece	No interests declared	
Krisztian Fodor	Member	Hungary	No interests declared	
Maura O'Donovan	Member	Ireland	No interests declared	
Paolo Gasparini	Member	Italy	No interests declared	
Una Riekstina	Member	Latvia	No interests declared	

Name	Role	Member state or affiliation	Outcome restriction following evaluation of e-DoI	Topics on agenda for which restrictions apply
Johannes Hendrikus Ovelgönne	Member	Netherlands	No interests declared	
Marit Hystad	Member	Norway	No interests declared	
Rune Kjeklen	Alternate	Norway	No restrictions applicable to this meeting	
Dariusz Śladowski	Member	Poland	No restrictions applicable to this meeting	
Simona Badoi	Member	Romania	No interests declared	
Mikuláš Hrubíško	Member	Slovakia	No restrictions applicable to this meeting	
Metoda Lipnik-Stangelj	Member	Slovenia	No interests declared	
Sol Ruiz	Member (CHMP co-opted member)	Spain	No interests declared	
Marcos Timón	Alternate (to CHMP representative)	Spain	No interests declared	
Lennart Åkerblom	Member	Sweden	No interests declared	
Christiane Niederlaender	Member	United Kingdom	No interests declared	
Marc Turner	Member	Healthcare Professionals' Representative	No restrictions applicable to this meeting	
Kieran Breen	Member	Patients' Representative	No restrictions applicable to this meeting	
Michelino Lipucci di Paola	Alternate	Patients' Representative	No restrictions applicable to this meeting	
Mariëtte Driessens	Member	Patients' Representative	No restrictions applicable to this meeting	
Erik Briers	Alternate	Patients' Representative	No restrictions applicable to this meeting	
Guido Pante	Expert - in	Italy	No interests declared	

Name	Role	Member state or affiliation	Outcome restriction following evaluation of e-DoI	Topics on agenda for which restrictions apply
	person*			
Carla Herberts	Expert - in person*	Netherlands	No interests declared	
			No interests declared	
A representative from the European Commission attended the meeting				
Meeting run with support from relevant EMA staff				

* Experts were only evaluated against the agenda topics or activities they participated in.