



EUROPEAN MEDICINES AGENCY
SCIENCE MEDICINES HEALTH

15 February 2021
EMA/CAT/98742/2021
Human Medicines Division

Committee for Advanced Therapies (CAT) Agenda for the meeting on 17-19 February 2021

Chair: Martina Schübler-Lenz; Vice-Chair: Ilona Reischl

17 February 2021, 14:00 – 18:30, virtual meeting

18 February 2021, 09:00 – 18:00, virtual meeting

19 February 2021, 09:00 – 13:00, virtual meeting

Disclaimers

Some of the information contained in this agenda 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, this agenda is a working document primarily designed for CAT members and the work the Committee undertakes.

Note on access to documents

Some documents mentioned in the agenda 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 ongoing 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).



Table of contents

| | | |
|-----------|--|----------|
| 1. | Introduction | 6 |
| 1.1. | Welcome and declarations of interest of members, alternates and experts..... | 6 |
| 1.2. | Adoption of agenda | 6 |
| 1.3. | Adoption of the minutes | 6 |
| 2. | Evaluation of ATMPs | 6 |
| 2.1. | Opinions | 6 |
| 2.2. | Oral explanations | 6 |
| 2.3. | Day 180 list of outstanding issues | 6 |
| 2.3.1. | Idecabtagene vicleucel - Orphan - EMEA/H/C/004662 | 6 |
| 2.4. | Day 120 list of questions | 6 |
| 2.4.1. | Lenadogene nolparovec - Orphan - EMEA/H/C/005047 | 6 |
| 2.5. | Day 80 assessment reports | 7 |
| 2.6. | Update on ongoing initial applications..... | 7 |
| 2.7. | New applications | 7 |
| 2.8. | Withdrawal of initial marketing authorisation application | 7 |
| 2.9. | Re-examination of initial application procedures under Article 9(2) of Regulation No. 726/2004 | 7 |
| 2.10. | GMP and GCP inspections requests..... | 7 |
| 2.11. | Type II variations and variations of therapeutic indication procedure according to Commission Regulation (EC) No 1234/2008 | 7 |
| 2.11.1. | Imlygic - talimogene laherparepvec - EMEA/H/C/002771/II/0041/G..... | 7 |
| 2.11.2. | Kymriah - tisagenlecleucel - Orphan - EMEA/H/C/004090/II/0030 | 7 |
| 2.11.3. | Spherox - spheroids of human autologous matrix-associated chondrocytes - EMEA/H/C/002736/II/0021/G | 8 |
| 2.11.4. | Yescarta - axicabtagene ciloleucel - Orphan - EMEA/H/C/004480/II/0028..... | 8 |
| 2.11.5. | Zolgensma - onasemnogene abeparovec - Orphan - EMEA/H/C/004750/II/0008..... | 8 |
| 2.12. | Extension applications..... | 8 |
| 2.13. | Other Post-Authorisation Activities | 8 |
| 2.13.1. | Kymriah - tisagenlecleucel - Orphan - EMEA/H/C/004090/ANX/003.4..... | 8 |
| 2.13.2. | Kymriah - tisagenlecleucel - Orphan - EMEA/H/C/004090/ANX/008.1..... | 9 |
| 2.13.3. | Kymriah - tisagenlecleucel - Orphan - EMEA/H/C/004090/MEA/005 | 9 |
| 2.13.4. | Strimvelis - autologous CD34+ enriched cell fraction that contains CD34+ cells transduced with retroviral vector that encodes for the human adenosine deaminase (ADA) cDNA sequence - Orphan - EMEA/H/C/003854/R/0029..... | 9 |
| 2.13.5. | Zynteglo - betibeglogene autotemcel - Orphan - EMEA/H/C/003691/R/0018..... | 10 |
| 2.13.6. | Options paper on using the European Society for Blood & Marrow Transplantation (EBMT) as a data source for long-term safety and efficacy follow-up of EU patients receiving ATMPs..... | 10 |

| | | |
|-------------|--|-----------|
| 3. | Certification of ATMPs | 10 |
| 3.1. | Opinion | 10 |
| 3.2. | Day 60 Evaluation Reports | 10 |
| 3.3. | New Applications | 10 |
| 4. | Scientific Recommendation on Classification of ATMPs | 10 |
| 4.1. | New requests – Appointment of ITF Coordinator | 10 |
| 4.1.1. | Autologous antigen specific Cytotoxic T Lymphocytes..... | 10 |
| 4.1.2. | Autologous dendritic cells activated against tumour peptides | 11 |
| 4.1.3. | Autologous M1-polarized macrophages..... | 11 |
| 4.1.4. | Autologous Cytotoxic Natural Killer (NK) cells..... | 11 |
| 4.1.5. | Autologous plasma cells producing monoclonal antibodies against specific tumor antigen, for treatment of cancer patients | 11 |
| 4.2. | Day 30 ATMP scientific recommendation | 11 |
| 4.2.1. | Allogeneic human mesenchymal stem cells derived from Wharton’s jelly, muscle and tendons disease..... | 11 |
| 4.2.2. | Allogeneic human mesenchymal stem cells derived from Wharton’s jelly, anal fistula | 11 |
| 4.2.3. | Allogeneic human mesenchymal stem cells derived from Wharton’s jelly, androgenic alopecia | 11 |
| 4.2.4. | Allogeneic human mesenchymal stem cells derived from Wharton’s jelly, diabetic foot syndrome | 12 |
| 4.2.5. | Allogeneic human mesenchymal stem cells derived from Wharton’s jelly, Parkinson’s disease..... | 12 |
| 4.2.6. | Allogeneic human mesenchymal stem cells derived from Whartons jelly seeded on the dermal scaffold, skin ulcers | 12 |
| 4.2.7. | Autologous human mesenchymal stem cells derived from adipose tissue, anal fistula..... | 12 |
| 4.2.8. | Autologous human mesenchymal stem cells derived from adipose tissue, androgenic alopecia | 12 |
| 4.2.9. | Autologous human mesenchymal stem cells derived from adipose tissue (muscle and tendons disease)..... | 12 |
| 4.2.10. | Two mRNA active substances, encoding separately for Human Papilloma Virus type (HPV) E6 and HPV16 E7 protein..... | 12 |
| 4.2.11. | Human amniotic membrane, allogeneic, sterile, cryomilled and lyophilized | 13 |
| 4.2.12. | Autologous dendritic cells activated against SARS-COV-2 peptides..... | 13 |
| 4.2.13. | Human umbilical cord MSC derived exosomes carrying recombinant hTERT mRNA and protein, hsa-miR-125b-5p, hsa-miR-125b-1-3p, AntimiR-21-5p | 13 |
| 4.2.14. | DNA plasmid encoding human transferring gene..... | 13 |
| 4.2.15. | Bacteriophage cocktail consisting of four CRISPR-armed phages..... | 13 |
| 4.3. | Day 60 revised scientific recommendation (following list of questions) | 13 |
| 4.4. | Finalisation of procedure | 13 |
| 4.4.1. | Autologous bone marrow aspirate concentrate | 13 |
| 4.4.2. | <i>In vitro</i> expanded autologous human articular chondrocytes | 14 |
| 4.5. | Follow-up and guidance | 14 |

| | | |
|-------------|---|-----------|
| 5. | Scientific Advice | 14 |
| 5.1. | New requests | 14 |
| 5.1.1. | Ongoing scientific advice procedures - Appointment of CAT Peer-reviewers..... | 14 |
| 5.1.2. | Scientific advice procedures starting at the next SAWP meeting | 14 |
| 5.2. | CAT discussion | 15 |
| 5.3. | List of Issues | 15 |
| 5.4. | Finalisation of SA procedures | 15 |
| 6. | Pre-Authorisation Activities | 15 |
| 6.1. | Paediatric investigation plans | 15 |
| 6.2. | ITF briefing meetings in the field of ATMPs | 15 |
| 6.3. | Priority Medicines (PRIME) – Eligibility requests | 15 |
| 6.3.1. | Month 0 - Start of the procedure | 15 |
| 6.3.2. | Month 1 – Discussion of eligibility | 15 |
| 6.3.3. | Month 2 – Recommendation of eligibility..... | 15 |
| 6.3.4. | Ongoing support..... | 15 |
| 7. | Organisational, regulatory and methodological matters | 15 |
| 7.1. | Mandate and organisation of the CAT | 15 |
| 7.1.1. | CAT membership | 15 |
| 7.1.2. | Strategic Review & Learning meeting (SRLM) under the Portuguese presidency of the European Union - Lisbon, Portugal | 16 |
| 7.2. | Coordination with EMA Scientific Committees | 16 |
| 7.3. | Coordination with EMA Working Parties/Working Groups/Drafting Groups | 16 |
| 7.3.1. | Re-engineered Innovation Task Force (ITF)..... | 16 |
| 7.3.2. | New scientific advice (SA) procedure for ATMPs..... | 16 |
| 7.3.3. | EMA draft pregnancy strategy | 16 |
| 7.3.4. | Working Party with Patients’ and Consumers’ Organisations (PCWP) and Working Party with Healthcare Professionals’ Organisations (HCPWP) | 16 |
| 7.4. | Cooperation within the EU regulatory network | 17 |
| 7.4.1. | Revision of the EU legislation on blood, tissues and cells (BTC)..... | 17 |
| 7.4.2. | European Commission’s Q&A on orphan similarity assessment for ATMPs | 17 |
| 7.5. | Cooperation with international regulators | 17 |
| 7.5.1. | Definition of gene therapy medicinal products | 17 |
| 7.5.2. | ATMP cluster Teleconference with US-FDA, Health Canada and PMDA (Japan) | 17 |
| 7.6. | CAT work plan | 18 |
| 7.6.1. | CAT work plan..... | 18 |
| 7.7. | Planning and reporting | 18 |
| 7.8. | Others | 18 |
| 7.8.1. | Scientific talk: Mesenchymal stem cells – conceptual artefacts?..... | 18 |

7.8.2. Curriculum on Advanced Therapies Medicinal Products (ATMPs)..... 18

8. Any other business 18

8.1. Process for documenting of CAT experiences / CAT learning..... 18

8.2. Participation of CAT members/alternates as speakers or panellist to international conferences
..... 18

9. Explanatory notes 20

1. Introduction

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

Pre-meeting list of participants and restrictions in relation to declarations of interests applicable to the items of the agenda for the CAT plenary session to be held 17-19 February 2021. See February 2021 CAT minutes (to be published post-March 2021 CAT meeting).

1.2. Adoption of agenda

CAT agenda for 17-19 February 2021 meeting

1.3. Adoption of the minutes

CAT minutes for 20-22 January 2021 meeting

2. Evaluation of ATMPs

2.1. Opinions

No items

2.2. Oral explanations

No items

2.3. Day 180 list of outstanding issues

2.3.1. Idecabtagene vicleucel - Orphan - EMEA/H/C/004662

Celgene Europe BV; treatment of multiple myeloma

Scope: List of Outstanding Issues

Action: for adoption

List of Outstanding Issues adopted on 04.12.2020. List of Questions adopted on 11.09.2020.

2.4. Day 120 list of questions

2.4.1. Lenadogene nolparvovec - Orphan - EMEA/H/C/005047

GenSight Biologics S.A.; treatment of vision loss due to Leber Hereditary Optic Neuropathy (LHON)

Scope: Day 120 list of questions

Action: for adoption

2.5. Day 80 assessment reports

No items

2.6. Update on ongoing initial applications

No items

2.7. New applications

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

No items

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

2.11.1. Imlygic - talimogene laherparepvec - EMEA/H/C/002771/II/0041/G

Amgen Europe B.V.

Rapporteur: Olli Tenhunen

Scope: Quality. Opinion

Action: for adoption

2.11.2. Kymriah - tisagenlecleucel - Orphan - EMEA/H/C/004090/II/0030

Novartis Europharm Limited

Rapporteur: Rune Kjekken

Scope: Clinical

Update of section 5.1 of the SmPC to include the complete data set (updated overall survival analysis) of study CCTL019B2205J, a Phase II, single arm, multicenter study to determine the efficacy and safety of Kymriah in paediatric subjects with relapsed or refractory B-cell Acute lymphoblastic leukaemia (ALL). The clinical results have already been assessed in procedure EMA/H/C/004090/P46/011.

In addition, the final ATC code for tisagenlecleucel (L01XX71) has been added as an editorial change.

Action: for adoption

Request for Supplementary Information adopted on 22.01.2021.

2.11.3. Spherox - spheroids of human autologous matrix-associated chondrocytes - EMEA/H/C/002736/II/0021/G

CO.DON AG

Rapporteur: Lisbeth Barkholt

Scope: Quality

Request for supplementary information (RSI)

Action: for adoption

2.11.4. Yescarta - axicabtagene ciloleucel - Orphan - EMEA/H/C/004480/II/0028

Kite Pharma EU B.V.

Rapporteur: Jan Mueller-Berghaus, PRAC Rapporteur: Anette Kristine Stark

Scope: Clinical

To update SmPC sections; 4.4 on Cytokine release syndrome (CRS) grading and neurologic adverse reactions; 4.8 on safety profile summary; 5.1 on follow up analysis; to update the safety information based on updates from study KTE-C19-101, entitled "A Phase 1/2 Multicenter Study Evaluating the Safety and Efficacy of KTE-C19 in Subjects with Refractory Aggressive Non-Hodgkin Lymphoma (ZUMA-1)", the pivotal study for Yescarta. The updates include the Phase 2 safety management ZUMA-1 Cohort 4, which was intended to assess the impact of earlier interventions (tocilizumab and/or corticosteroids, in addition to prophylactic levetiracetam) on the rate and severity of CRS and neurologic events; and data from a 36-month analysis from ZUMA-1 Cohorts 1 and 2. The updated RMP version 3.1 has also been submitted.

Action: for adoption

Request for Supplementary Information adopted on 09.10.2020.

2.11.5. Zolgensma - onasemnogene abeparvovec - Orphan - EMEA/H/C/004750/II/0008

Novartis Gene Therapies EU Limited

Rapporteur: Carla Herberts

Scope: Safety

Update to SmPC for sections 4.4 (Special warnings and precautions for use), 4.8 (Undesirable Effects) and corresponding sections in the Package Leaflet to add a new safety signal of 'Thrombotic microangiopathy'.

Action: for adoption

Request for Supplementary Information adopted on 04.12.2020.

2.12. Extension applications

No items

2.13. Other Post-Authorisation Activities

2.13.1. Kymriah - tisagenlecleucel - Orphan - EMEA/H/C/004090/ANX/003.4

Novartis Europharm Limited

Rapporteur: Rune Kjekken, CHMP Coordinator: Ingrid Wang

Scope: PhV

Study: CCTL019B2401

Non-interventional post-authorisation safety study (PASS): In order to further characterise the safety – including long-term safety – of Kymriah, the applicant should conduct and submit a study based on data from a disease registry in ALL and DLBCL patients.

Annual safety reports and 5-yearly interim reports

Action: for adoption

2.13.2. [Kymriah - tisagenlecleucel - Orphan - EMEA/H/C/004090/ANX/008.1](#)

Novartis Europharm Limited

Rapporteur: Rune Kjekken, CHMP Coordinator: Ingrid Wang

Scope: PhV

Interim Clinical study report / study CCTL019C2201 (24 months follow-up for all infused patients in the main Cohort)

Addressing partially the Annex II PAES ANX008:

“In order to further characterise the long term efficacy and safety of Kymriah in relapsed/refractory diffuse large B-cell lymphoma (DLBCL), the applicant should submit the 24 months follow up of all infused patients from study C2201. In addition, the applicant should submit the final CSR including 5 years of follow up”.

Action: for adoption

2.13.3. [Kymriah - tisagenlecleucel - Orphan - EMEA/H/C/004090/MEA/005](#)

Novartis Europharm Limited

Rapporteur: Rune Kjekken, CHMP Coordinator: Ingrid Wang

Scope: PhV

From Initial MAA:

Study CCTL019A2205B:

Long-term follow-up of patients exposed to lentiviral-based CD19 directed CAR-T-cell therapy. The primary objective is to describe selected, delayed AEs suspected to be related to previous CD19 CAR-T-cell therapy as outlined in current Health Authority guidelines. The secondary objectives are to monitor the persistence of CD19 CAR transgene in peripheral blood, monitor the expression of RCL, assess the long-term efficacy of CD19 CAR-T, monitor lymphocyte levels and describe the growth, development, and female reproductive status for patients who were aged <18 years at the time of the initial CD19 CAR-T-cell infusion. (Category 3).

First 5-yearly Interim report

[due date(s):

Update reports: Annual safety reports and 5-yearly interim reports

Final report of study results: December 2037]

Action: for adoption

2.13.4. [Strimvelis - autologous CD34+ enriched cell fraction that contains CD34+ cells transduced with retroviral vector that encodes for the human adenosine deaminase \(ADA\) cDNA sequence - Orphan - EMEA/H/C/003854/R/0029](#)

Orchard Therapeutics (Netherlands) BV

Rapporteur: Sol Ruiz, Co-Rapporteur: Egbert Flory, PRAC Rapporteur: Menno van der Elst

Scope: 5-year Renewal of Marketing Authorisation

Action: for adoption

Request for Supplementary Information adopted on 04.12.2020.

2.13.5. Zynteglo - betibeglogene autotemcel - Orphan - EMEA/H/C/003691/R/0018

bluebird bio (Netherlands) B.V

Rapporteur: Carla Herberts, Co-Rapporteur: Violaine Closson-Carella, PRAC Rapporteur: Brigitte Keller-Stanislawski

Scope: 1-year Renewal of Marketing Authorisation. Opinion

Action: for adoption

Request for Supplementary Information adopted on 22.01.2021.

2.13.6. Options paper on using the European Society for Blood & Marrow Transplantation (EBMT) as a data source for long-term safety and efficacy follow-up of EU patients receiving ATMPs

Scope: summary of MS responses; recommendation for way forward

Action: for discussion

3. Certification of ATMPs

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. New Applications

No items

4. Scientific Recommendation on Classification of ATMPs

Timetable:

| | |
|--|------------|
| -Start of the procedure: | 19.02.2021 |
| -Draft EMA Co-ordinator's report: | 02.03.2021 |
| -CAT Coordinator's comments: | 10.03.2021 |
| -Revised scientific recommendation: | 12.03.2021 |
| -Discussion of scientific recommendation by CAT: | 19.03.2021 |

4.1. New requests – Appointment of ITF Coordinator

4.1.1. Autologous antigen specific Cytotoxic T Lymphocytes

Intended for the treatment of cancer patients that are over expressing the specific antigen

Scope: appointment of CAT Coordinator and adoption of timetable

Action: for adoption

4.1.2. Autologous dendritic cells activated against tumour peptides

Intended for the treatment of cancer patients; *in vivo* immune stimulation against specific cancer overexpressing the tumour antigen

Scope: appointment of CAT Coordinator and adoption of timetable

Action: for adoption

4.1.3. Autologous M1-polarized macrophages

Intended for the treatment of cancer patients

Scope: appointment of CAT Coordinator and adoption of timetable

Action: for adoption

4.1.4. Autologous Cytotoxic Natural Killer (NK) cells

Intended for the treatment of cancer patients

Scope: appointment of CAT Coordinator and adoption of timetable

Action: for adoption

4.1.5. Autologous plasma cells producing monoclonal antibodies against specific tumor antigen, for treatment of cancer patients

Intended for the treatment of cancer patients

Scope: appointment of CAT Coordinator and adoption of timetable

Action: for adoption

4.2. Day 30 ATMP scientific recommendation

4.2.1. Allogeneic human mesenchymal stem cells derived from Wharton's jelly, muscle and tendons disease

Intended for diseases of muscles and tendons

Scope: ATMP scientific recommendation

Action: for adoption

4.2.2. Allogeneic human mesenchymal stem cells derived from Wharton's jelly, anal fistula

Intended for the treatment of anal fistula

Scope: ATMP scientific recommendation

Action: for adoption

4.2.3. Allogeneic human mesenchymal stem cells derived from Wharton's jelly, androgenic alopecia

Intended for the treatment of androgenic alopecia, unspecified

Scope: ATMP scientific recommendation

Action: for adoption

4.2.4. Allogeneic human mesenchymal stem cells derived from Wharton's jelly, diabetic foot syndrome

Intended for the treatment of diabetic foot syndrome (DFS)

Scope: ATMP scientific recommendation

Action: for adoption

4.2.5. Allogeneic human mesenchymal stem cells derived from Wharton's jelly, Parkinson's disease

Intended for the treatment of Parkinson's disease

Scope: ATMP scientific recommendation

Action: for adoption

4.2.6. Allogeneic human mesenchymal stem cells derived from Whartons jelly seeded on the dermal scaffold, skin ulcers

Intended for the treatment of skin ulcers

Scope: ATMP scientific recommendation

Action: for adoption

4.2.7. Autologous human mesenchymal stem cells derived from adipose tissue, anal fistula

Intended for the treatment of anal fistula

Scope: ATMP scientific recommendation

Action: for adoption

4.2.8. Autologous human mesenchymal stem cells derived from adipose tissue, androgenic alopecia

Intended for the treatment of androgenic alopecia, unspecified

Scope: ATMP scientific recommendation

Action: for adoption

4.2.9. Autologous human mesenchymal stem cells derived from adipose tissue (muscle and tendons disease)

Intended for diseases of muscles and tendons

Scope: ATMP scientific recommendation

Action: for adoption

4.2.10. Two mRNA active substances, encoding separately for Human Papilloma Virus type (HPV) 16 E6 and HPV16 E7 protein

intended for the treatment of recurrent/metastatic HPV16-positive carcinoma

Scope: ATMP scientific recommendation

Action: for adoption

4.2.11. Human amniotic membrane, allogeneic, sterile, cryomilled and lyophilized

Intended for the treatment of symptoms of osteoarthritis

Scope: ATMP scientific recommendation

Action: for adoption

4.2.12. Autologous dendritic cells activated against SARS-COV-2 peptides

Intended for the treatment of the prevention of SARS-COV-2 infection

Scope: ATMP scientific recommendation

Action: for adoption

4.2.13. Human umbilical cord MSC derived exosomes carrying recombinant hTERT mRNA and protein, hsa-miR-125b-5p, hsa-miR-125b-1-3p, AntimiR-21-5p

Intended for the treatment of Acute Respiratory Distress Syndrome and Chronic Obstructive Respiratory Disease

Scope: ATMP scientific recommendation

Action: for adoption

4.2.14. DNA plasmid encoding human transferrin gene

Intended for the treatment of retinitis pigmentosa

Scope: ATMP scientific recommendation

Action: for adoption

4.2.15. Bacteriophage cocktail consisting of four CRISPR-armed phages

Intended for the treatment of prophylaxis of bloodstream E. coli infection in neutropenic patients with haematological malignancy

Scope: ATMP scientific recommendation

Action: for adoption

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

No items

4.4. Finalisation of procedure

4.4.1. Autologous bone marrow aspirate concentrate

Intended for the repair mechanism for bone repair in a variety of bony defects such as fractures, arthroplasty, bone cysts, osteonecrosis, or avascular necrosis

Scope: the European Commission has raised no comments. ATMP scientific recommendation
Action: for information

4.4.2. *In vitro* expanded autologous human articular chondrocytes

Intended for the repair of symptomatic, localised, full-thickness cartilage defects of the knee joint in patients with closed epiphyseal growth plates.

Scope: comments from the European Commission. Revised ATMP scientific recommendation

Action: for adoption

4.5. Follow-up and guidance

No items

5. Scientific Advice

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

5.1.1. Ongoing scientific advice procedures - Appointment of CAT Peer-reviewers

Timetable:

| | |
|---|---------------|
| -Start of procedure at SAWP: | 08/02/2021 |
| -Appointment of CAT Peer Reviewers: | 19/02/2021 |
| -SAWP first reports: | 01/03/2021 |
| -CAT Peer reviewer comments: | 05/03/2021 |
| -Discussion at SAWP: | 08-11/03/2021 |
| -Discussions at CAT and feedback to SAWP: | 19/03/2021 |

5.1.2. Scientific advice procedures starting at the next SAWP meeting

Timetable:

| | |
|---|------------|
| -Start of procedure at SAWP: | 11/03/2021 |
| -Appointment of CAT Peer Reviewers: | 19/03/2021 |
| -SAWP First Reports: | 29/03/2021 |
| -CAT Peer reviewer comments: | 02/04/2021 |
| -Discussion at SAWP: | 09/04/2021 |
| -Discussions at CAT and feedback to SAWP: | 16/04/2021 |

5.2. CAT discussion

5.3. List of Issues

5.4. Finalisation of SA procedures

6. Pre-Authorisation Activities

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

No items

6.2. ITF briefing meetings in the field of ATMPs

No items

6.3. Priority Medicines (PRIME) – Eligibility requests

6.3.1. Month 0 - Start of the procedure

Timetable for assessment:

| | |
|---|------------|
| Procedure start: | 11.02.2021 |
| SAWP recommendation: | 11.03.2021 |
| CAT recommendation: | 19.03.2021 |
| CHMP adoption of report and final recommendation: | 25.02.2021 |

6.3.2. Month 1 – Discussion of eligibility

6.3.3. Month 2 – Recommendation of eligibility

6.3.4. Ongoing support

7. Organisational, regulatory and methodological matters

7.1. Mandate and organisation of the CAT

7.1.1. CAT membership

Romania – Silviu Istrate – membership mandate (member) started on 12 February 2021

Romania – Alexandria Preda – membership mandate (alternate) started on 12 February 2021

Action: for information

7.1.2. Strategic Review & Learning meeting (SRLM) under the Portuguese presidency of the European Union - Lisbon, Portugal

CAT: Bruno Sepodes, Maria-Isabel Vieira

Scope: topics for the agenda of the SRLM meeting, to take place on 27th May 2021

Action: for discussion

7.2. Coordination with EMA Scientific Committees

No items

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

7.3.1. Re-engineered Innovation Task Force (ITF)

Scope: awareness of the re-engineered informal discussion platform on novel technologies, methods and substances including EU network (including feedback on 2020 activities with focus on ATMPs). Discussion on best way to interact / involve CAT members in respective relevant meetings on innovative technologies and developments.

Action: for discussion

Note: this is a follow-up from interviews held with Committee chairs and a consequent discussion SciCoBo meeting that took place in December 2020.

7.3.2. New scientific advice (SA) procedure for ATMPs

Scope: template for CAT Peer Reviewer's comments on the SA first reports

Action: for discussion

7.3.3. EMA draft pregnancy strategy

Scope: update on what is done to further develop and implement the strategy and to obtain feedback on committee needs in this space.

Action: for discussion

Note: since July 2020 EMA has started the international collaboration on building an infrastructure for drug safety in pregnancy studies (building on the work initiated for COVID & pregnancy), held a stakeholders workshop and published the report from this (available at https://www.ema.europa.eu/en/documents/report/report-workshop-benefit-risk-medicines-used-during-pregnancy-breastfeeding_en.pdf).

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

Scope: draft agenda for the PCWP/HCPWP joint meeting, 3-4 March 2021

Action: for information

Note: the CAT Chair - Martina Schübler-Lenz - will take part on the topic of: '*Timely patients' access to advanced therapy medicinal products in the EU*'

7.4. Cooperation within the EU regulatory network

7.4.1. Revision of the EU legislation on blood, tissues and cells (BTC)

CAT: Ilona Reischl

Scope: CAT's input to the public consultation on the revision of the BTC legislation

Action: for discussion

Note: the online [public consultation](#) on the BTC is opened on the 'Have Your Say' portal of the European Commission. Submissions will be accepted up to 15 April 2021. In parallel to the public consultation, a [targeted consultation](#) has, also, been launched, with the same closing date. This consultation is targeted at organisations that are directly involved in, or impacted by, the BTC legislation and that are familiar with the legal framework. Those organisations are invited to complete both consultations, starting with the public consultation and then proceeding to complete the targeted one. You can follow the full revision process on our [DG SANTE web-page](#).

7.4.2. European Commission's Q&A on orphan similarity assessment for ATMPs

Scope: Proposal to update of the Commission's Q&A related to the assessment of similarity for ATMPs in the context of the orphan legislation, in line with the experience gained

Action: for discussion

Note: published Q&A:

https://ec.europa.eu/health/sites/health/files/files/orphanmp/doc/2018_qa_atmps_en.pdf

7.5. Cooperation with international regulators

7.5.1. Definition of gene therapy medicinal products

CAT ad-hoc drafting group: Belaid Sekkali, Egbert Flory, Marcos Timón Violaine Closson Carella, Ilona Reischl, Toivo Maimets, Rune Kjekken, Claire Beuneu, Rocío Salvador Roldán.

Scope: ad-hoc drafting group's report on the comparison of the ICH vs. EU definitions of GTMPs

Action: for adoption

Note: during the drafting of the ICH S12 guideline, a definition of a gene therapy products has been included. On request of the European Commission (letter of 11 December 2010), CAT compared the ICH and EU GTMP definitions and reflected on the adequacy of the ICH definition.

7.5.2. ATMP cluster Teleconference with US-FDA, Health Canada and PMDA (Japan)

CAT: Martina Schüssler-Lenz

Scope: draft agenda of the teleconference to take place on 28 February 2021

Action: for discussion

7.6. CAT work plan

7.6.1. CAT work plan

CAT: Martina Schübler-Lenz

Scope: workplan topic on use of real-world data in regulatory decision making of ATMPs

Action: for discussion

7.7. Planning and reporting

No items

7.8. Others

7.8.1. Scientific talk: Mesenchymal stem cells

CAT: Martina Schübler-Lenz

Scope: Presentation by: Attila Sebe, M.D., clinical assessor, Abteilung Medizinische Biotechnologie, Paul-Ehrlich-Institut

Action: for information

7.8.2. Curriculum on Advanced Therapies Medicinal Products (ATMPs)

CAT: Ilona Reischl

Scope: plan of trainings for 2021

Action: for discussion

8. Any other business

8.1. Process for documenting of CAT experiences / CAT learning

CAT: Martina Schüssler Lenz, Niamh Curran, Carla Herberts, Heli Suila

Scope: review of the CAT learnings and presentation of learnings

Action: for agreement

8.2. Participation of CAT members/alternates as speakers or panellist to international conferences

Scope: CAT participation to the International Society for Stem Cell Research (ISSCR)

Workshop on clinical translation

Action: for discussion

Note: the CAT vice chair received an invitation to give a presentation at the 2021 ISSCR Workshop on Clinical Translation: *Translating iPS Cell-based Therapies to the Clinic* (7 June 2021)

Date of next CAT meeting:
17-19 March 2021

9. Explanatory notes

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

Abbreviations / Acronyms

AAV: Adeno-Associated Virus

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

EC: European Commission

EU NTC: European Union Network Training Centre

ERA: Environmental Risk Assessment

FDA: Food and Drug Administration

FL: Final Letter

GCG: Guideline Consistency Group

GCP: Good Clinical Practice

GLP: Good Laboratory Practice

GMO: Genetically-modified organism

GMP: Good Manufacturing Practice

GTMP: Gene Therapy Medicinal Product

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 Application

MAH: Marketing Authorisation Holder

MNAT: Multinational assessment team

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

QRD: Quality review of documents

RMP: Risk Management Plan

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: Safety Working Party

SME: Small and medium size enterprises

SmPC: Summary of Products Characteristics

TT: Timetable

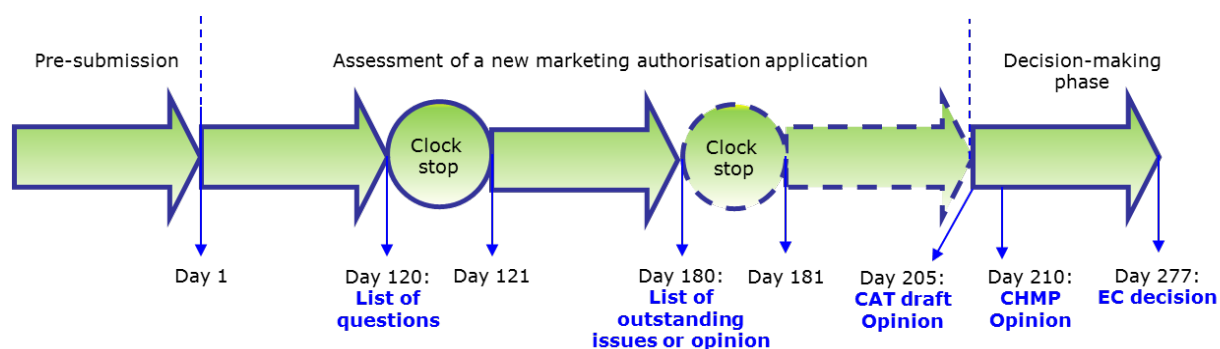
Evaluation of ATMPs (section 2)

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](#).

Priority Medicines (PRIME)

This section includes the new requests for eligibility to PRIME for ATMPs under development, the discussions in CAT of these eligibility requests and the final recommendations for eligibility of ATMPs adopted by CHMP.

CAT will appoint one of its members as the CAT sponsor for each new ATMP eligibility request who will lead the CAT discussion based on the recommendation from the SAWP.

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/