EMA/467522/2019

European Medicines Agency decision

P/0304/2019

of 10 September 2019

on the agreement of a paediatric investigation plan and on the granting of a deferral for equine Immunoglobulin F(ab')2 fragments targeting Shiga toxin (NEAST) (EMEA-002444-PIP02-18) in accordance with Regulation (EC) No 1901/2006 of the European Parliament and of the Council

Disclaimer

This decision does not constitute entitlement to the rewards and incentives referred to in Title V of Regulation (EC) No 1901/2006.

Only the English text is authentic.

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The European Medicines Agency,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EC) No 1901/2006 of the European Parliament and of the Council of 12 December 2006 on medicinal products for paediatric use and amending Regulation (EEC) No. 1768/92, Directive 2001/20/EC, Directive 2001/83/EC and Regulation (EC) No 726/2004[1],

Having regard to Regulation (EC) No 726/2004 of the European Parliament and of the Council of 31 March 2004 laying down Community procedures for the authorisation and supervision of medicinal products for human and veterinary use and establishing a European Medicines Agency[2],

Having regard to the application submitted by Chemo Research, S.L. on 26 November 2018 under Article 16(1) of Regulation (EC) No 1901/2006 also requesting a deferral under Article 20 of said Regulation,

Having regard to the opinion of the Paediatric Committee of the European Medicines Agency, issued on 26 July 2019, in accordance with Article 17 of Regulation (EC) No 1901/2006 and Article 21 of said Regulation,

Having regard to Article 25 of Regulation (EC) No 1901/2006,

Whereas:

(1) The Paediatric Committee of the European Medicines Agency has given an opinion on the agreement of a paediatric investigation plan and on the granting of a deferral.

(2) It is therefore appropriate to adopt a decision agreeing a paediatric investigation plan.

(3) It is therefore appropriate to adopt a decision granting a deferral.

[1] OJ L 378, 27.12.2006, p.1.
[2] OJ L 136, 30.4.2004, p. 1.

Has adopted this decision:

Article 1

A paediatric investigation plan for equine immunoglobulin F(ab')2 fragments targeting Shiga toxin (NEAST), solution for injection, intravenous use, the details of which are set out in the opinion of the Paediatric Committee of the European Medicines Agency annexed hereto, together with its appendices, is hereby agreed.

Article 2

A deferral for equine immunoglobulin F(ab')2 fragments targeting Shiga toxin (NEAST), solution for injection, intravenous use, the details of which are set out in the opinion of the Paediatric Committee of the European Medicines Agency annexed hereto, together with its appendices, is hereby granted.

Article 3

This decision is addressed to Chemo Research, S.L., C/ Manuel Pombo Angulo 28 - 3rd floor, 28050 - Madrid, Spain.

EMA/PDCO/259123/2019
Amsterdam, 26 July 2019

Opinion of the Paediatric Committee on the agreement of a Paediatric Investigation Plan and a deferral

EMEA-002444-PIP02-18

Scope of the application

Active substance(s):

Equine Immunoglobulin F(ab')2 fragments targeting Shiga toxin (NEAST)

Condition(s):

Prevention of haemolytic uraemic syndrome

Pharmaceutical form(s):

Solution for injection

Route(s) of administration:

Intravenous use

Name/corporate name of the PIP applicant:

Chemo Research, S.L.

Basis for opinion

Pursuant to Article 16(1) of Regulation (EC) No 1901/2006 as amended, Chemo Research, S.L. submitted for agreement to the European Medicines Agency on 26 November 2018 an application for a paediatric investigation plan for the above mentioned medicinal product and a deferral under Article 20 of said Regulation.

The procedure started on 3 January 2019.

Supplementary information was provided by the applicant on 23 April 2019. The applicant proposed modifications to the paediatric investigation plan.

Opinion

1. The Paediatric Committee, having assessed the proposed paediatric investigation plan in accordance with Article 17 of Regulation (EC) No 1901/2006 as amended, recommends as set out in the appended summary report:

   - to agree the paediatric investigation plan in accordance with Article 17(1) of said Regulation;
   - to grant a deferral in accordance with Article 21 of said Regulation.

   The Norwegian Paediatric Committee member agrees with the above-mentioned recommendation of the Paediatric Committee.

2. The measures and timelines of the agreed paediatric investigation plan are set out in the Annex I.

This opinion is forwarded to the applicant and the Executive Director of the European Medicines Agency, together with its annex and appendix.

Annex I

The subset(s) of the paediatric population and condition(s) covered by the waiver and the measures and timelines of the agreed paediatric investigation plan (PIP)

1. Waiver

Not applicable

2. Paediatric investigation plan

2.1. Condition:

Prevention of Haemolytic Uraemic Syndrome

2.1.1. Indication(s) targeted by the PIP

Prevention of Haemolytic Uraemic Syndrome by Shiga-Toxin Producing *Escherichia Coli*

2.1.2. Subset(s) of the paediatric population concerned by the paediatric development

From birth to less than 18 years of age

2.1.3. Pharmaceutical form(s)

Solution for injection

2.1.4. Measures

Area	**Number of measures**	**Description**
Quality-related studies	0	Not applicable
Non-clinical studies	0	Not applicable
Clinical studies	2	**Study 1** Double-Blind, Placebo Controlled, Adaptive Clinical Trial to Evaluate the Safety and Efficacy of NEAST in Paediatric Patients for Prevention of Haemolytic Ureamic Syndrome (CT-INM004-02). **Study 2** Single arm, historic controlled study to evaluate the safety, exposure and activity of NEAST in infants from birth to less than 1 year of age and children from 10 to less than 18 years of age with Shiga-Toxin Producing *Escherichia Coli* (STEC) infection (CT-INM004-03).
Extrapolation, modelling and simulation studies	3	**Study 3** Standard allometric modelling to predict corresponding PK parameters and help predict paediatric dosing requirements in children in the 8-40 kg body weight range based on adult PK data.

		Study 4 Population pharmacokinetic (popPK) approaches to support dosing in children below 1 year of age and below 8kg body weight. **Study 5** Physiologically based pharmacokinetic modelling (PBPK) to support dosing in children below 1 year of age and below 8kg body weight.
Other studies	0	Not applicable
Other measures	0	Not applicable

3. Follow-up, completion and deferral of PIP

Concerns on potential long term safety/efficacy issues in relation to paediatric use:	No
Date of completion of the paediatric investigation plan:	By September 2024.
Deferral for one or more measures contained in the paediatric investigation plan:	Yes