



EUROPEAN MEDICINES AGENCY  
SCIENCE MEDICINES HEALTH

EMA/249213/2010

## European Medicines Agency decision

P/74/2010

of 5 May 2010

on the acceptance of a modification of an agreed paediatric investigation plan for Japanese encephalitis virus, inactivated (attenuated strain SA14-14-2 grown in vero cells) (Ixiaro)  
(EMA-000559-PIP01-09-M01) 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<sup>1</sup>,

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<sup>2</sup>,

Having regard to the European Medicines Agency's decision P/10/2010 issued on 29 January 2010,

Having regard to the application submitted by Intercell AG on 5 February 2010 under Article 22 of Regulation (EC) No 1901/2006 proposing changes to the agreed paediatric investigation plan,

Having regard to the opinion of the Paediatric Committee of the European Medicines Agency, issued on 19 March 2010, in accordance with Article 22 of Regulation (EC) No 1901/2006,

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 acceptance of changes to the agreed paediatric investigation plan.
- (2) It is therefore appropriate to adopt a decision on the acceptance of changes to the agreed paediatric investigation plan.

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<sup>1</sup> OJ L 378, 27.12.2006, p.1.

<sup>2</sup> OJ L 136, 30.4.2004, p. 1.

Has adopted this decision:

**Article 1**

Changes to the agreed paediatric investigation plan for Japanese encephalitis virus, inactivated (attenuated strain SA14-14-2 grown in vero cells) (Ixiaro), suspension for injection, intramuscular use are hereby accepted in the scope set out in the opinion of the Paediatric Committee of the European Medicines Agency annexed hereto, together with its appendices.

**Article 2**

This decision is addressed to Intercell AG, Campus Vienna Biocenter 3, A-1030, Vienna, Austria.

Done at London, 5 May 2010

For the European Medicines Agency  
Thomas Lönngren  
Executive Director

(Signature on file)



EUROPEAN MEDICINES AGENCY  
SCIENCE MEDICINES HEALTH

EMA/PDCO/157503/2010

## Opinion of the Paediatric Committee on the acceptance of a modification of an agreed Paediatric Investigation Plan EMA-000559-PIP01-09-M01

### Scope of the application

#### Active substance(s):

Japanese encephalitis virus, inactivated (attenuated strain SA14-14-2 grown in vero cells)

#### Invented name:

Ixiaro

#### Condition(s):

Japanese encephalitis

#### Pharmaceutical form(s):

Suspension for injection

#### Route(s) of administration:

Intramuscular use

#### Name/corporate name of the PIP applicant:

Intercell AG

#### Information about the authorised medicinal product:

See Annex II

### Basis for opinion

Pursuant to Article 22 of Regulation (EC) No 1901/2006 as amended, Intercell AG submitted to the European Medicines Agency on 5 February 2010 an application for modification of the agreed paediatric investigation plan with a deferral and a waiver as set out in the European Medicines Agency's decision P/10/2010 of 29 January 2010. The application for modification proposed changes.

The procedure started on 18 February 2010.



## **Scope of the modification**

Some measures and timelines of the original Opinion have been modified. In addition, the proposed indication wording has been amended to reflect the population that will be assessed in the clinical studies.

## Opinion

1. The Paediatric Committee, having assessed the application in accordance with Article 22 of Regulation (EC) No 1901/2006 as amended, recommends as set out in the appended summary report:
  - to agree to the changes proposed by the applicant regarding the measures and the timelines of the paediatric investigation plan.

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

2. The measures and timelines of the paediatric investigation plan and the subset(s) of the paediatric population and condition(s) covered by the waiver 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 annexes.

London, 19 March 2010

On behalf of the Paediatric Committee  
Dr Daniel Brasseur, Chairman

(Signature on file)

## **Annex I**

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

## 1. Condition(s)

Japanese encephalitis

## 2. Waiver

### 2.1. Condition

Japanese encephalitis

The waiver applies to:

- from birth to less than 2 months
- for suspension for injection
- on the grounds that the specific medicinal product is likely to be ineffective.

## 3. Paediatric Investigation Plan

### 3.1. Condition to be investigated

Japanese encephalitis

#### 3.1.1. Indication targeted by the PIP

Active immunization against Japanese encephalitis in children aged 2 months to <18 years

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

From 2 months to less than 18 years.

#### 3.1.3. Pharmaceutical form(s)

Suspension for injection

#### 3.1.4. Studies

| Area                | Number of studies | Description                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Quality</b>      |                   | Development of a marked pre-filled syringe allowing accurate administration of half dose                                                                                                                                                                                                                                                                                                                                                   |
| <b>Non-clinical</b> |                   | Not applicable.                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Clinical</b>     | <b>4</b>          | IC51-322: Uncontrolled, open-label phase 3, Immunogenicity and safety study in children aged $\geq 2$ -month to < 18 years in non-endemic countries<br><br>IC51-323: Open-label, randomized, active-controlled to assess safety and immunogenicity of the Japanese encephalitis vaccine IC51 (IXARO®) in a paediatric population from endemic countries<br><br>Long-term follow-up of study IC51-322 to assess immunity for up to 3 years. |

|  |  |                                                                                                                                                            |
|--|--|------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  | Long-term follow-up of study IC51-323 to assess immunity for up to 3 years and effect of a booster dose at 12-15 months in 150 children of all age groups. |
|--|--|------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### 4. Follow-up, completion and deferral of PIP

|                                                                                                                |                    |
|----------------------------------------------------------------------------------------------------------------|--------------------|
| Measures to address long term follow-up of potential safety issues and efficacy in relation to paediatric use: | No                 |
| <b>Date of completion of the paediatric investigation plan:</b>                                                | <b>By Dec 2014</b> |
| <b>Deferral for some or all studies contained in the paediatric investigation plan:</b>                        | <b>Yes</b>         |

## **Annex II**

### **Information about the authorised medicinal product**

| <b><u>EU Number</u></b> | <b><u>Invented name</u></b> | <b><u>Strength</u></b> | <b><u>Pharmaceutical Form</u></b> | <b><u>Route of Administration</u></b> | <b><u>Packaging</u></b>    | <b><u>Content (concentration)</u></b> | <b><u>Package size</u></b>      |
|-------------------------|-----------------------------|------------------------|-----------------------------------|---------------------------------------|----------------------------|---------------------------------------|---------------------------------|
| EU/1/08/501/001         | Ixiaro                      | 6 µg                   | Suspension for injection          | Intramuscular use                     | pre-filled syringe (glass) | 0.5 ml                                | 1 pre-filled syringe + 1 needle |
| EU/1/08/501/002         | Ixiaro                      | 6 µg                   | Suspension for injection          | Intramuscular use                     | pre-filled syringe (glass) | 0.5 ml                                | 1 pre-filled syringe            |