Author's response to reviews

Title: Primary growth hormone insensitivity (Laron syndrome) and acquired hypothyroidism- A patient report

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Version: 4 Date: 4 August 2010

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Answering Prof. Laron’s requests:

We thank Prof. Laron for his comments and suggestions.

We include the following changes:

1. The title has been changed to the one suggested: “Primary growth hormone insensitivity (Laron syndrome) and acquired hypothyroidism- A patient report”.

2. Keywords (Growth Hormone Insensitivity, IGF-1, Dwarfism, Growth Hormone Receptor) have been added between the “Abstract” and the “Introduction” section.

3. The first and the last sentence in the introduction have been changed to the ones indicated.

4. The “Case presentation” section has been changed to “Patient presentation”, as suggested.

5. Parents’ age and height have been included in the “Patient presentation” section.

6. The rIGF-1 therapy was started at age of 7.5, as shown in the growth chart. It has been administered continuously until the age of 13.5. At that point, treatment was withdrawn for drug unavailability, for approximately 6 months. To date, the patient is still in therapy. The necessary information has been introduced in the “Patient presentation” section.

7. In the MRI performed at the age of 4 in the Radiologic unit of another Italian city, pituitary was described as hypoplastic (images not available). However, in the MRI performed in our center at the age 13, pituitary appeared normal.

8. Hypothyroidism is unlikely to have been induced by rIGF-1 therapy. A paragraph was included at the end of the “Discussion” section.

9. The growth curve has been replaced by specific growth charts of the Laron Syndrome; 3rd percentile of South Italian population has been included.