Reviewer's report

Title: Primary growth hormone resistance: A case report and unusual syndrome presentation

Version: 2 Date: 18 January 2010

Reviewer: Zvi Laron

Which of the following following best describes what type of case report this is?: None

Has the case been reported coherently?: No

Is the case report authentic?: Yes

Is the case report ethical?: Yes

Is there any missing information that you think must be added before publication?: Yes

Is this case worth reporting?: Yes

Is the case report persuasive?: Yes

Does the case report have explanatory value?: Yes

Does the case report have diagnostic value?: Yes

Will the case report make a difference to clinical practice?: No

Is the anonymity of the patient protected?: Yes

Comments to authors:

The authors describe a typical patient with Laron Syndrome, diagnosed properly, but unfortunately at a late age. The history (consanguineous Mediterranean family) growth along the specific growth charts for Laron Syndrome (Arch. Dis. Child 1993; 68:768-70), high hGH, low IGFI and defect of GH-R are known characteristics for this disease. Treatment was initiated at a late age (bone age missing) and therefore the lack of efficient response. The hypothyroidism is questionable and should be reevaluated; if true, TSH should have been high.

The authors wrote, in addition to the patient report, a not complete review of the syndrome. Depending on the Journal's request, this may be superfluous as several reviews have been published. It would be more useful if the authors (a) shorten the patient report and (b) review all patients published or known in Italy,
many originating from Sicily (a table would be useful).

**Quality of written English:** Acceptable