Reviewer's report

Title: Photoallergic Reaction in a Patient Receiving Vandetanib for Metastatic Follicular Thyroid Carcinoma: A Case Report

Version: 1 Date: 26 November 2014

Reviewer: Hoelzle Erhard

Reviewer's report:

Major revisions:
It is felt that some more comments on the diagnosis of a photoallergic reaction would be appropriate.
A phototoxic reaction is most likely excluded by the histologic picture.
The negative rechallenge with vandetanib is a strong argument against a truly photoallergic reaction.
It could be well possible that brisk sun exposure one or two weeks before the skin eruption has triggered a photodistribution of a rash not directly related to a cell mediated immune response like an allergic reaction but rather to the common polymorphous skin reactions known in many patients. Meaning is was a "plain" cutaneous side effect occurring in a pattern similar to photodistribution by unspecific mechanisms like an isomorphic effect following sunburn.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

no competing interests