Reviewer's report

Title: The Role of Syk Signaling in Antifungal Innate Immunity of Human Corneal Epithelial Cells

Version: 3 Date: 2 February 2015

Reviewer: Edina Schweighoffer

Reviewer's report:

Discretionary revisions:
The authors have responded to my request to use different Syk-inhibitors by quoting previous papers using Piceatannol. The following web-page clearly explains why this is not adequate: http://www.kinase-screen.mrc.ac.uk/screening-compounds/345911
From the same source where the authors obtained Piceatannol from, much better inhibitors (e.g. S8032 PRT062607) are available, and adding a parallel experiment to Fig 3, using a different inhibitor would be very important to assess the contribution of Syk to the observed effect. As it is, we might be looking at mostly off-target effects, which detract a lot from the value of these potentially important findings

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

Quality of written English: Needs some language corrections before being published

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

Declaration of competing interests:

I have not competing interests