Reviewer’s report

Title: Usefulness of PKH to study leukemic cell proliferation with various cytostatic drugs or acetyl tetrapeptide -AcSDKP

Version: 1 Date: 27 April 2005

Reviewer: Zeev Estrov

Reviewer’s report:

The authors studied PKH67 labelling in AML and compared it to other proliferation assays. They also studied the effect of tetrapeptides AcSDKP and AcSKDP-NH2 on AML cells.

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Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)

The authors should add a detailed statistical analysis of their data. Without a statistical analysis one cannot determine whether PKH labeling is advantageous as compared with other leukemia cell proliferation assays.

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Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)

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Discretionary Revisions (which the author can choose to ignore)

What next?: Reject because scientifically unsound

Level of interest: An article of limited interest

Quality of written English: Not suitable for publication unless extensively edited

Statistical review: Yes

Declaration of competing interests:

I declare that I have no competing interests.