*Editorial Board*

*Journal of Visualized Experiments*

Jena, 6th of July, 2018

Dear Dr. Nam Nguyen,

We would like to thank you and the reviewers for the thorough and extremely useful review of our manuscript entitled

**“Morphology-based distinction between healthy and pathological cells utilizing Fourier transforms and Self-Organizing Maps “** by Kriegel et al.

Hereby we are submitting the revised version to be considered for publication in the Journal of Visualized Experiments.

We have answered all questions and comments by both the Editor and the Reviewers according to our best ability. These are provided in a separate document.

The main text has been edited according to these changes; all new and edited parts are highlighted in purple, in order to make finding the parts in question easier.

We updated our auto-rotation Python script so that it now provides a GUI, as requested by Reviewer 2. We also updated the two associated videos according to this change (including one that was erroneously recorded from a blank screen).

Some of these data have been reported before (Kriegel, F. L. *et al.* Cell shape characterization and classification with discrete Fourier transforms and self‐organizing maps. *Cytometry Part A.* **93** (3), 323-333, doi:10.1002/cyto.a.23279 (2018)). For the material that we re-used from this publication (Figures 2-5) we have received copyright permission from the publisher John Wiley and Sons and we upload this as pdf. We declare no conflict of interest. All authors concur with the submission and hope that you will find our manuscript appropriate for publication in your journal.

With best regards,

Zoltan Cseresnyes