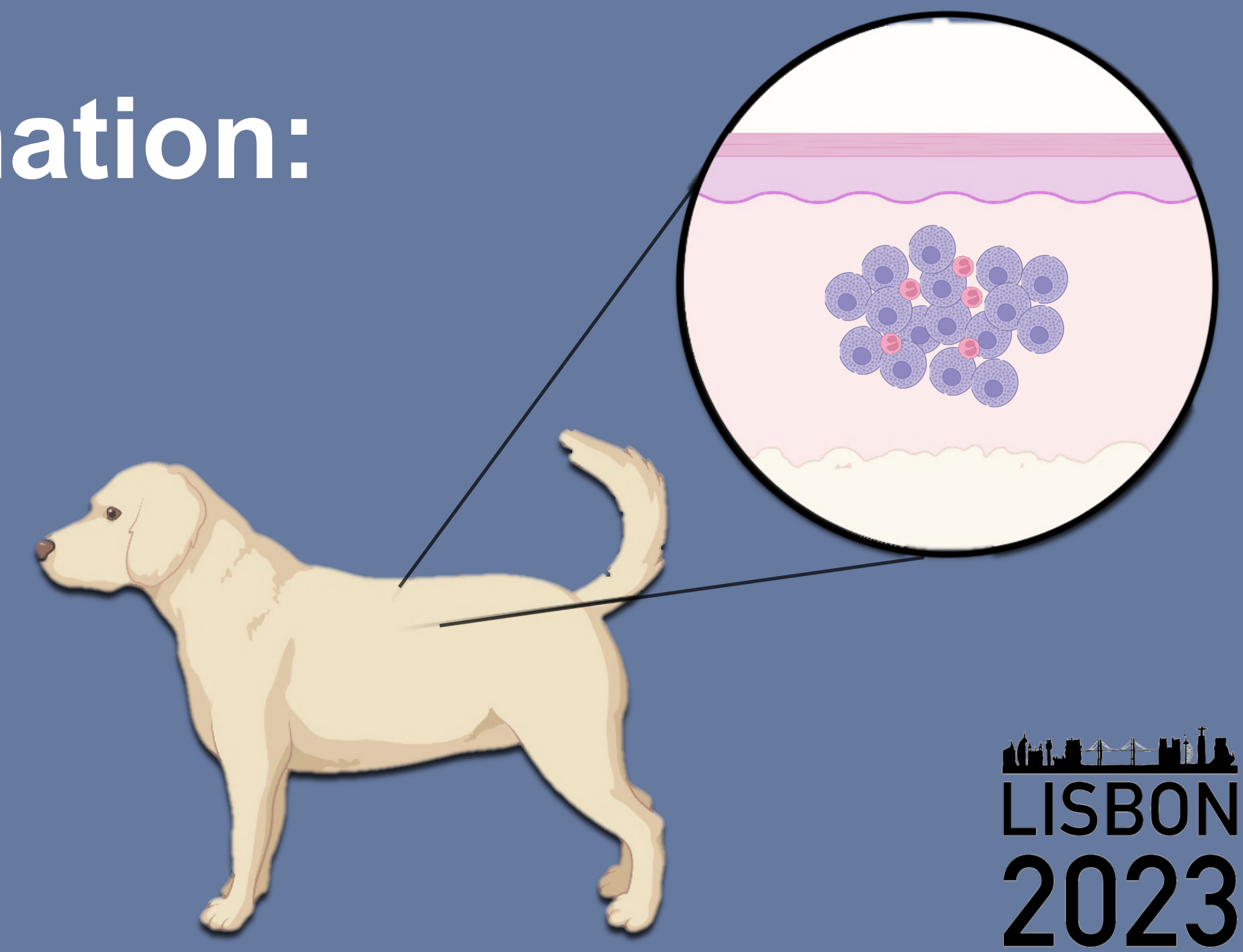


Streamlining Microscope-Based Ki67 Index Estimation: Let's Make It Simple!

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 ECVP, ESVP, ECVP, ESVP

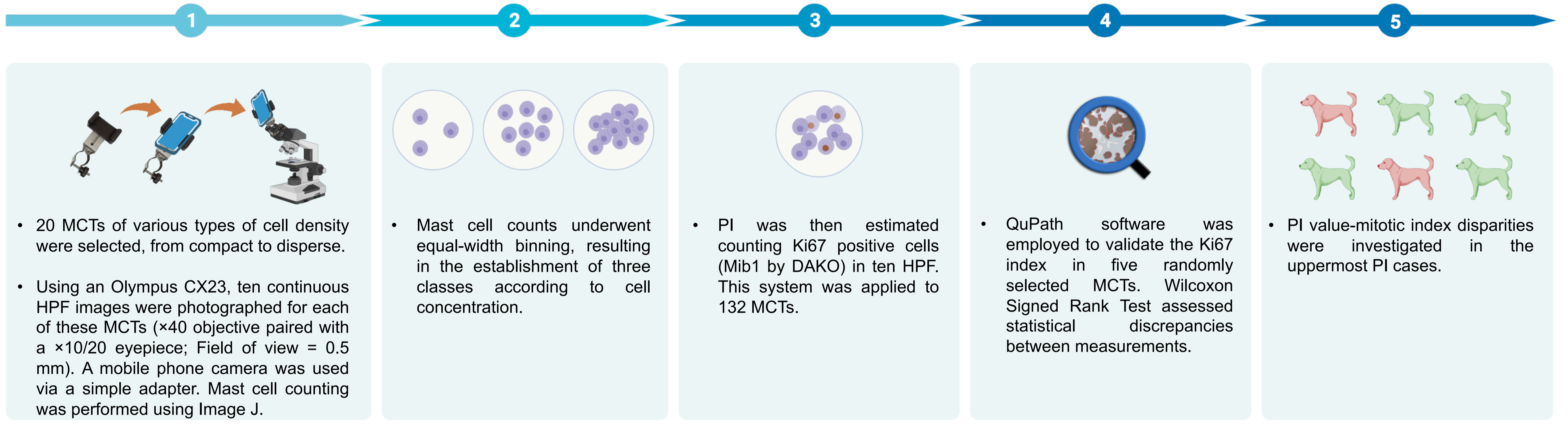


Introduction

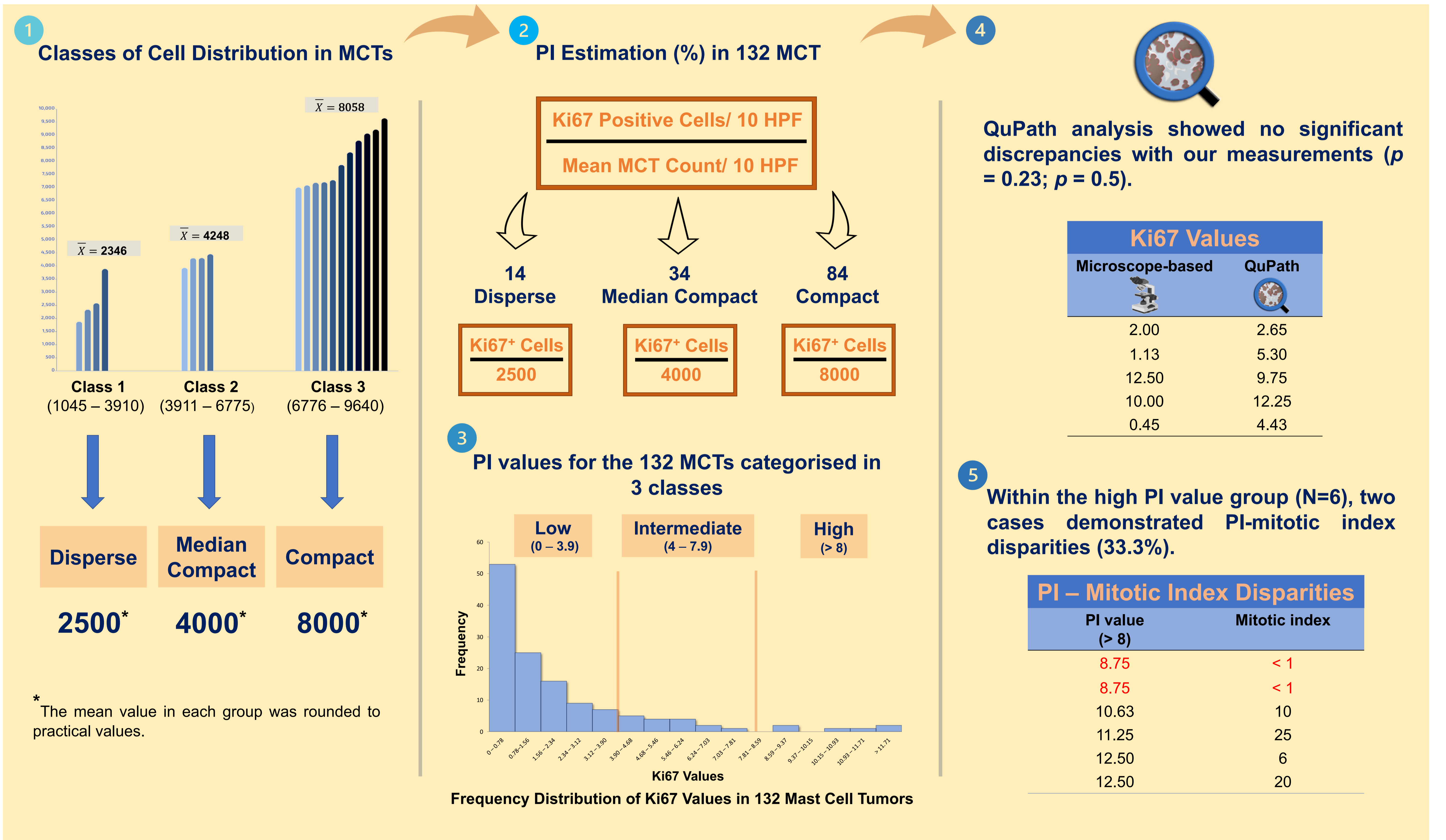
Pathologists are requested to provide accurate mast cell tumours (MCTs) proliferation index (PI) based on Ki67 immunohistochemistry. For the accurate determination of percentage of Ki67 positive cells various systems have been implemented, recent ones using digitalized image analysis programmes. The aim of our presentation is to propose a straightforward and microscope-based method for Ki67 index estimation in MCTs that requires no supplementary equipment.



Materials and Methods



Results



Conclusions

Ki-67 can be accurately assessed using a simple microscope-based method. This marker plays a crucial role in MCTs, offering valuable prognostic insights and uncovering cases where the mitotic index may not accurately reflect the actual cell proliferation rate.

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