- y axis: the starting x point of a tissue area in a raw KESM image in a column.
- x axis: image id.
- The points are automatically detected based on the right edge of a tissue ribbon.
- Outliers (indicated by the arrows) should be adjusted to save more tissue images.
- Images in a column are not completed aligned since there were multiple knife cleaning sessions.
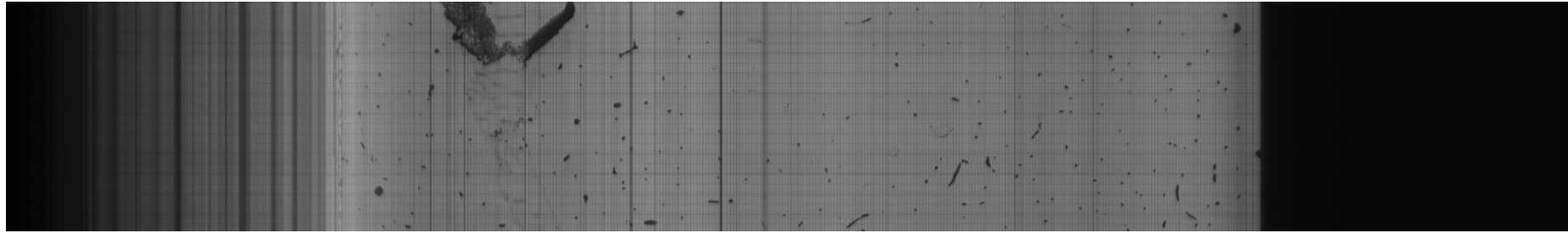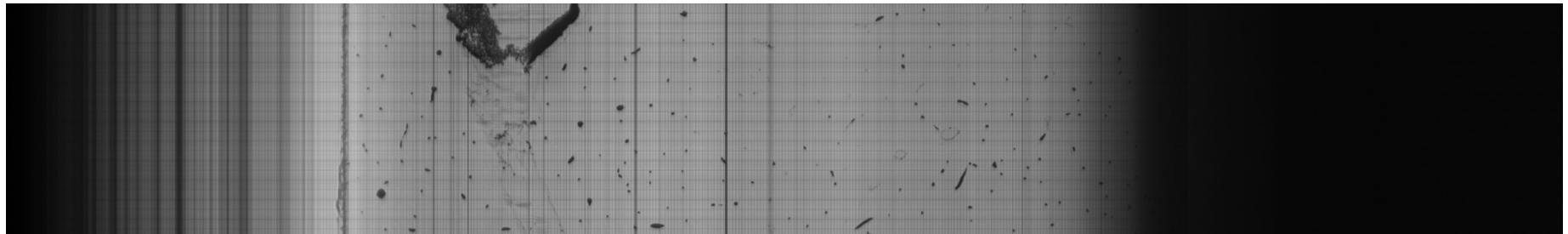
Right edge

Image *n*

Image *n+1*

Undetectable right edge

- In Image *n+1*, the right edge of the tissue ribbon cannot be detected properly due to the severe illumination problem. But the majority of the image contains information. We have to save the image rather than discarding it.