Yuli Wu

# Contour Refinement of Leukocyte Segmentations in Scans of Stained Bone Marrow

Lehrstuhl für
Bildverarbeitung

RWTH AACHEN
UNIVERSITY

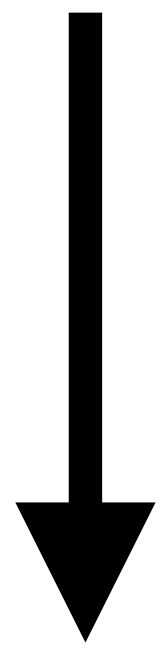
# Normalisation

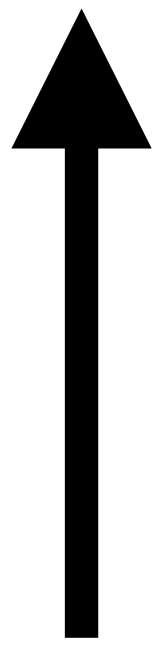
# Methodology

15

Large Scan

Single Cell Image

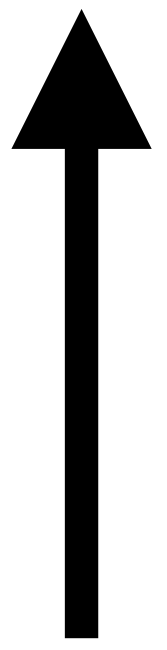




*Crop size: 1.5× initial circle*

*Resize: 200×200 pixels*

Single Cell Image



# *Rescale: intensity in [0,255]*

Single Cell Image

- Same relative location

- Same size

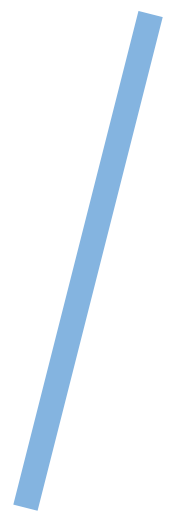
- Same intensity range

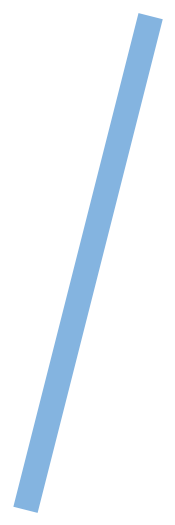
Normalised single cell image:

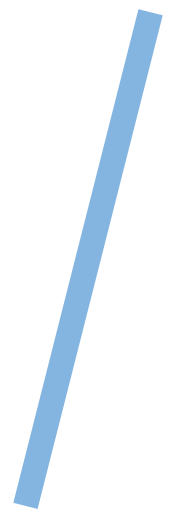
# *Normalisation*

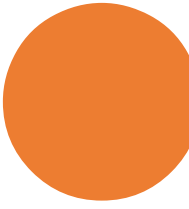
# *Preprocessing*

# *Segmentation*









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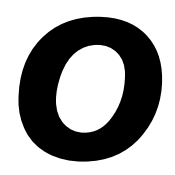
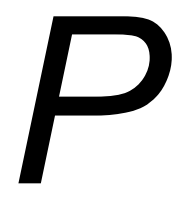
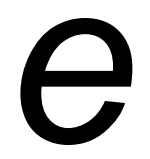
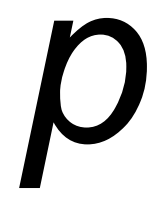
# SLIC Superpixel

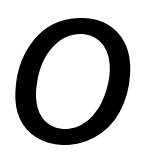
*Crop size: 1.5× initial circle*

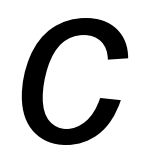


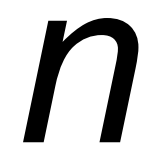


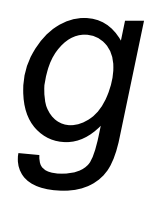


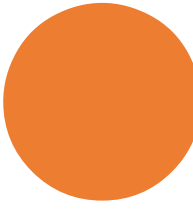






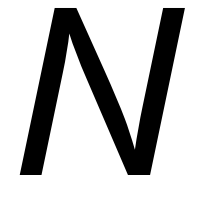


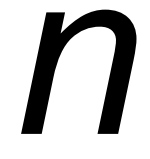


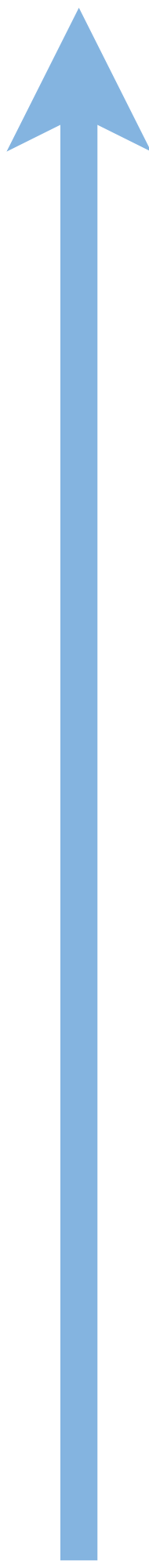


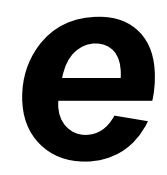
# Methodology

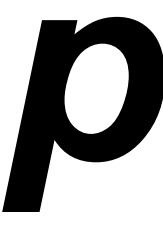
16











g

# *Segmentation*