

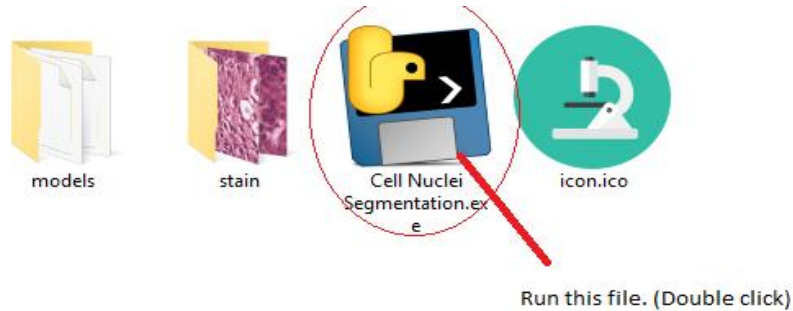
# Cell Nuclei Segmentation Application

- **How to install:**

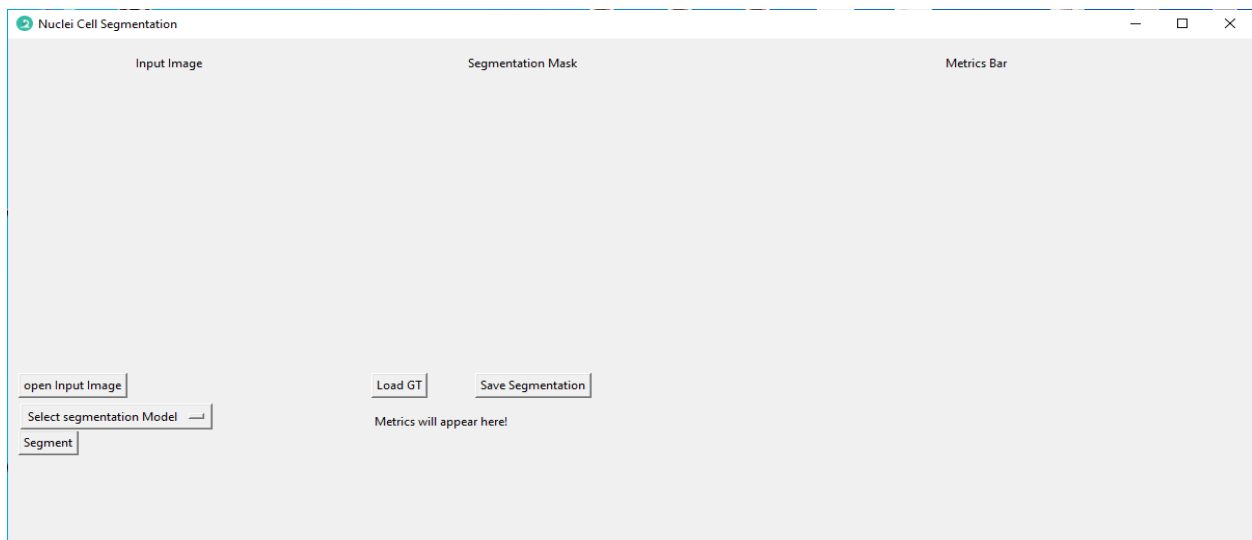
- 1- Download [Cell Nuclei Segmentation.zip] file.
- 2- Extract the comprised file in your local PC (needs ~ 1.8 GB).

- **How to used:**

- 1- After extracting the contents of the comprised zip file, double click on [Cell Nuclei Segmentation.exe] executable file.



- 2- Cell Nuclei Segmentation main window should start.



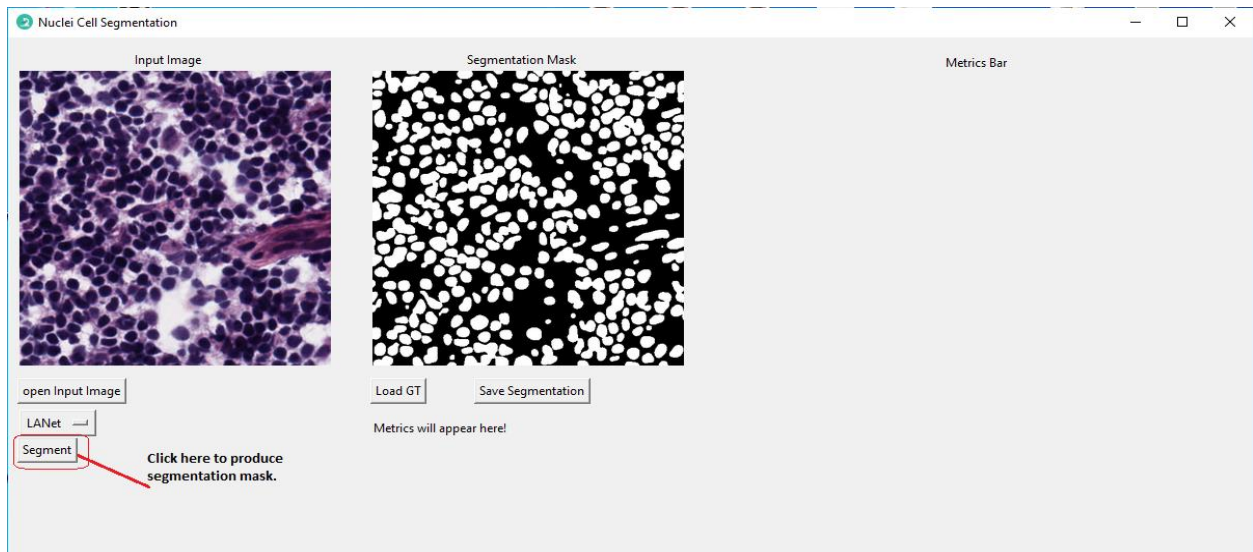
- 3- Click [Open Input Image] button to select the WSI image.



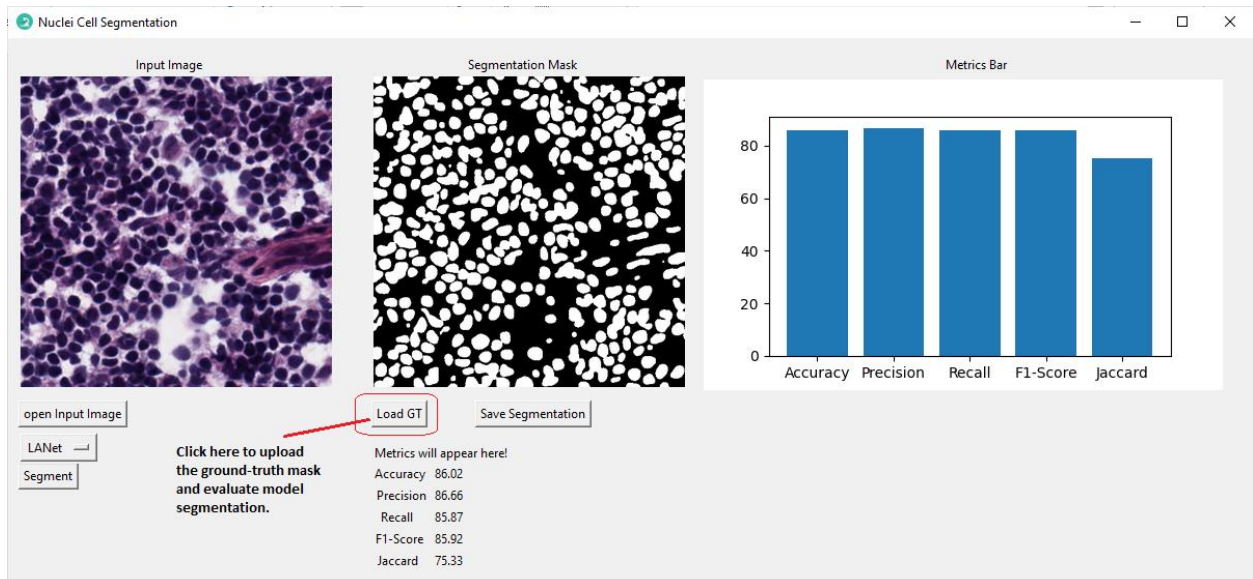
#### 4- Select the segmentation model.



#### 5- Click on [Segment] button to produce segmented mask.



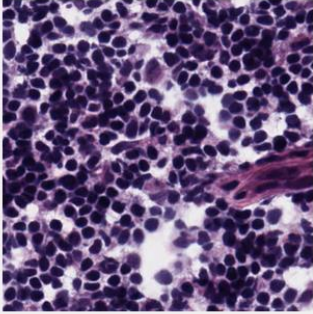
#### 6- Click on [Load GT] button to evaluate the model segmentation mask with ground-truth if available.



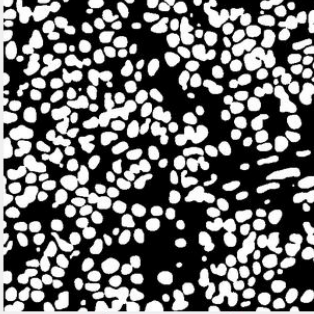
7- Click [**Save Segmentation**] button to save the output mask into your local disk.

Nuclei Cell Segmentation

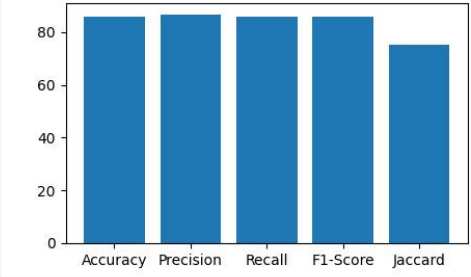
Input Image



Segmentation Mask




Metrics Bar



Metric	Value
Accuracy	86.02
Precision	86.66
Recall	85.87
F1-Score	85.92
Jaccard	75.33

open Input Image

LANet 

Segment

Load GT

Save Segmentation

Metrics will appear here!

Accuracy 86.02

Precision 86.66

Recall 85.87

F1-Score 85.92

Jaccard 75.33

Click here to save the output mask in your local disk.