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Define segmentation parameters* and click **OK**.

How elongated the cell is expected to be
(Higher input values = more circularity;
lower input values = more elongation)

Blurs the cell with a gaussian filter
(mildly alters contrast & resolution)

Check both boxes*

*Do not check the **On the results...**
box if:

1. All cells of the monolayer are within frame
2. You are measuring forces of a single isolated cell and all parts of the cell are within frame

The screenshot shows a dialog box titled "Choose input parameters" with a close button (X) in the top right corner. The dialog contains several input fields and checkboxes. Red arrows point from external text to specific fields: "Circularity min limit" (0.100), "Prominence of cell center other parts" (10), "Sledgehammer" (5), and "Mallet" (30). Two checkboxes are checked: "Exclude cells that are touching the boundary?" and "On the results, apply 20% cut-off for boundary affected forces?". Below these are instructions for "SLEDGEHAMMER and MALLETT" and "Prominence". At the bottom right are "Cancel" and "OK" buttons.

Choose input parameters [X]

Circularity min limit: 0.100

Prominence of cell center other parts: 10

Sledgehammer (10X mag and 2048x2048 res): 5

Mallet - (10X mag and 2048x2048 res): 30

Exclude cells that are touching the boundary?

On the results, apply 20% cut-off for boundary affected forces?

For SLEDGEHAMMER and MALLETT:
- Use smaller value to break clumps,
- Use larger values for higher mag or higher res

For Prominence:
- Use smaller for low contrast images,
- Use larger to minimize tiny black spots,
- Use smaller value to remove large black regions

Cancel OK

How different one spot is
from another

Mild version of
Sledgehammer