- 1. Morphological Dilation: Apply morphological dilation to expand the boundaries of objects. -Go to Process > Binary > Dilate.
- Morphological Erosion: Apply morphological erosion to shrink the objects back to their original size, but now with smoother edges. - Go to Process > Binary > Erode.
- Fill Holes: Fill any holes within the objects. Go to Process > Binary > Fill Holes.
- Watershed Segmentation: Apply watershed segmentation to separate touching objects. Go to Process > Binary > Watershed.
- 5. Analyze Particles: Detect and analyze the contours of objects in the binary image. Go to Analyze > Analyze Particles.... Set the size filter from 20000 to infinity. Check Display results and Exclude on edges if needed. Choose Show: Ellipses to fit ellipses to the detected objects. Click OK.
- 1. Morphological Dilation and Erosion: These operations help in smoothing the object edges and are different from the previous algorithm's closing and opening.
- 2. Fill Holes: Ensure that the objects are solid by filling any internal holes.
- 3. Watershed Segmentation: Separate touching objects to better isolate individual ovals.
- 4. Analyze Particles: Detect and analyze objects, fitting ellipses to them.
- 5. View Coordinates: Set measurements to include coordinates and ellipse parameters.