Preparing modified cover slips for laser deletion of individual cells in *Capitella teleta*
(Emi Yamaguchi and Aldine Amiel, 2012)
Seaver Lab

Items needed: #1.5 cover slips (Electron Microscopy Sciences), dental wax, diamond-tipped knife, Rain-X coated slide, forceps.

Heat stir/heat plate to ~3.
Use the edge of a slide to delineate ~¼ width of a cover slip. Using the diamond-tipped knife, scrape along the edge of the slide. Cut the cover slip into 4 strips.

Heat a coated slide with a whole cover slip on top.

Take the corner piece of a slice of dental wax and just barely touch it along the side of the cover slip; do the same to the other side.

Using forceps, gently drop one strip of the cut cover slip onto the melted wax. Do the same on the other side.

Remove slide with cover slip from heating block and press down on glass strips so excess wax bleeds out. Let dry. When dry, the glass strips should look translucent. Too opaque means too much wax, completely clear means no wax. Somewhere in between is best.
References

