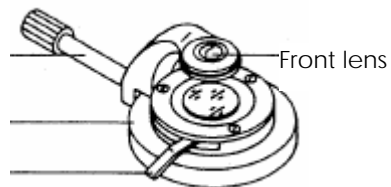
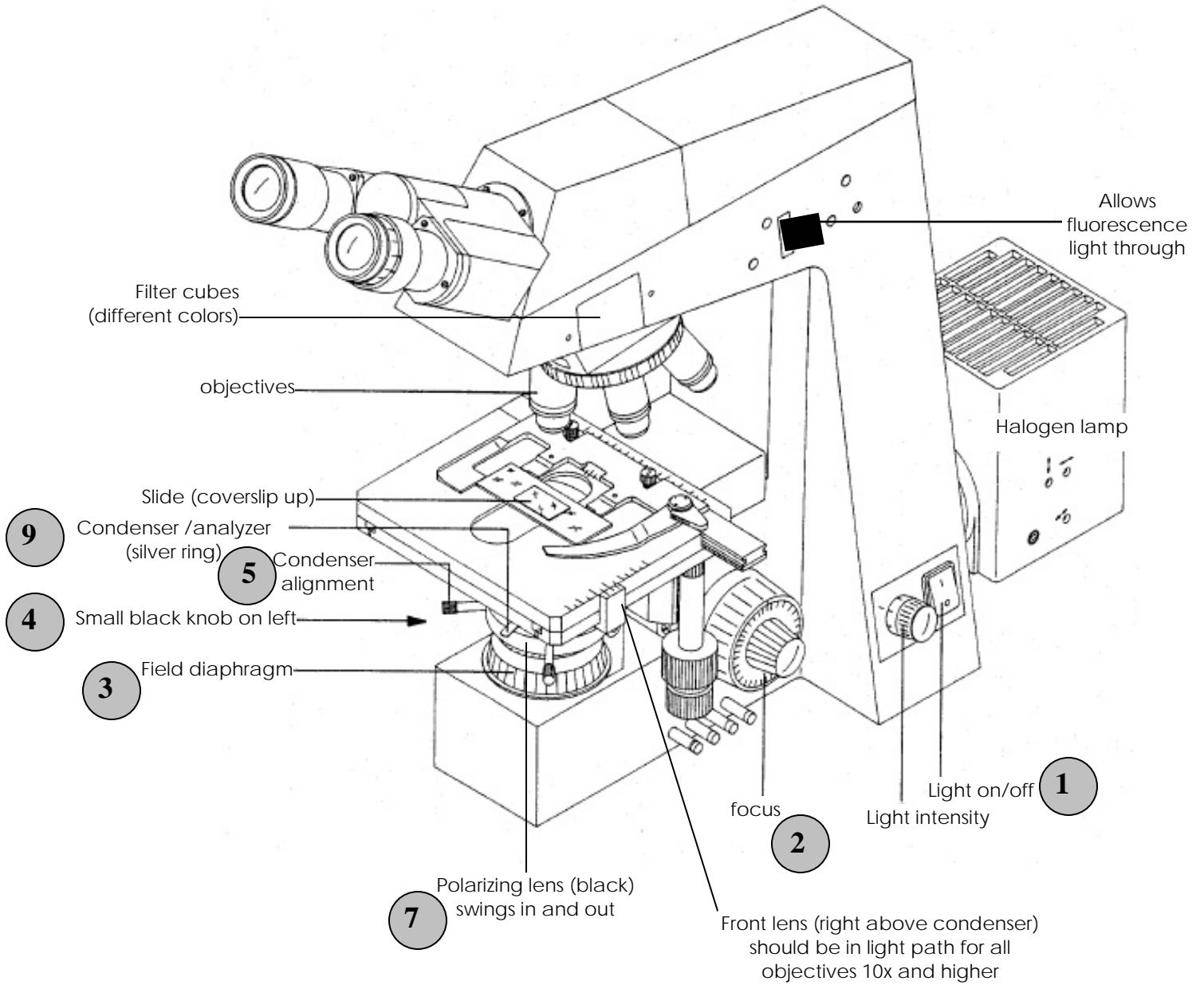


Zeiss Axioskop



Instructions for setting up DIC on the Zeiss Axioskop

First:

Make sure the 10x or 20x objective or higher is in place

Make sure the polarizing lens (8) is OUT of the light path

Make sure DIC condenser (9) is in place

1. Turn on the **light source**
2. Put a sample on the stage and bring it into **focus**
3. close down the **field diaphragm** all the way until you see a bright spot surrounded by darkness
4. **focus** the edges of the bright spot by moving the **condenser** up or down slightly . NOTE: If you have to move the condenser a lot, and you are on the 10x objective or higher, make sure the front lens(12) is in the light path, then move it back up to the top and start again
5. Once you can see a sharp octagon, **center the bright spot** with the two silver **condenser alignment knobs**
6. Open the **field diaphragm** (3) just enough that you can't see the edges
7. swing the **polarizing lens** into the light path
8. Adjust brightness with light intensity control (1)
9. open condenser about 2/3 of the way so that it is as bright as possible while still having good contrast
10. contrast can also be adjusted with small silver knob immediately above objective (Nomarski prism)

Note: if you change to a higher objective, you will need to close down the field diaphragm so that the light only just fills the field of view.