



**Facultad de Ingeniería en Sistemas de Producción
Agropecuaria**

Laboratorio de Producción Animal y vegetal

Microscopia básica para estudiantes

MPAT. Astrid Rodríguez Lozano

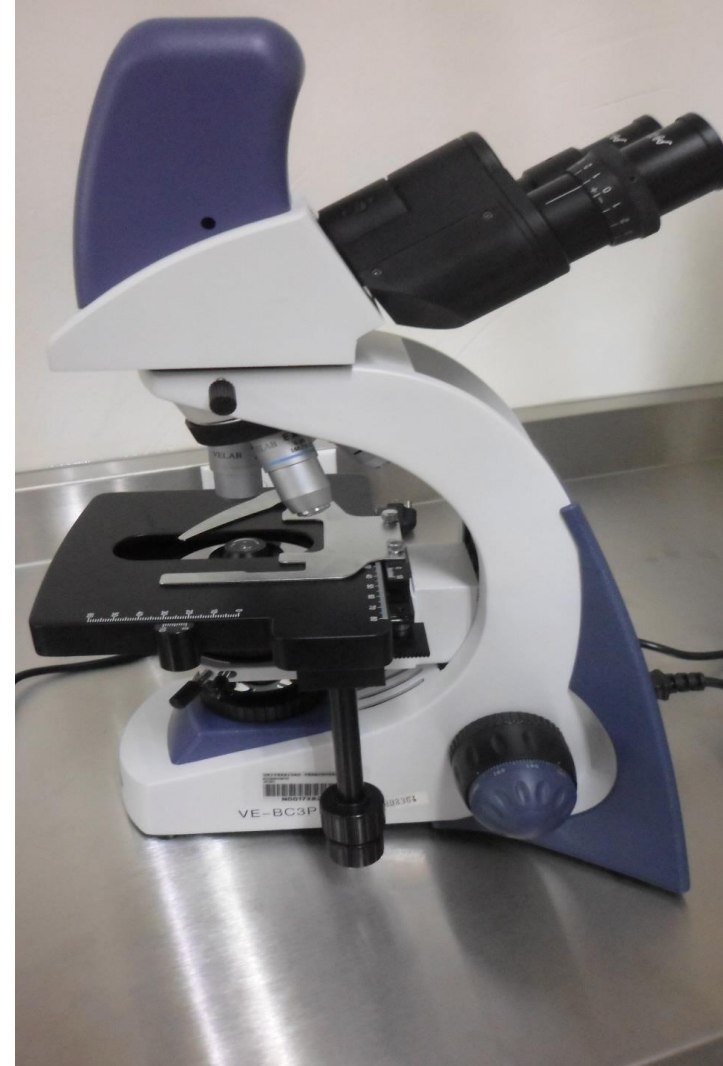
Mayo 2022

MICROSCOPIOS

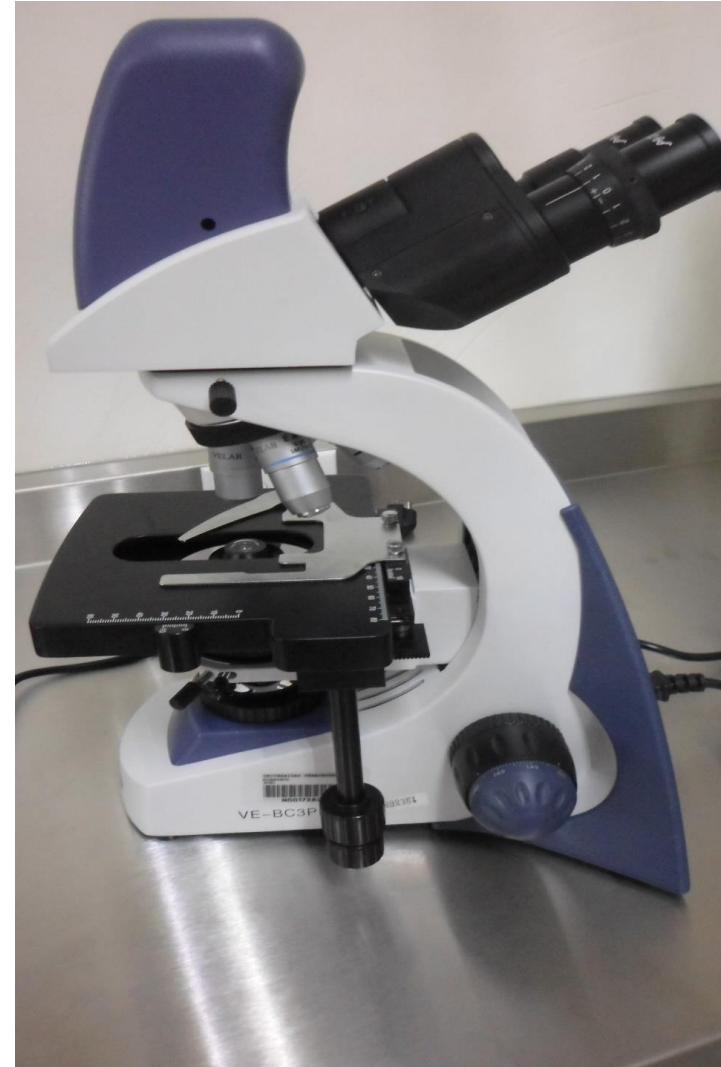
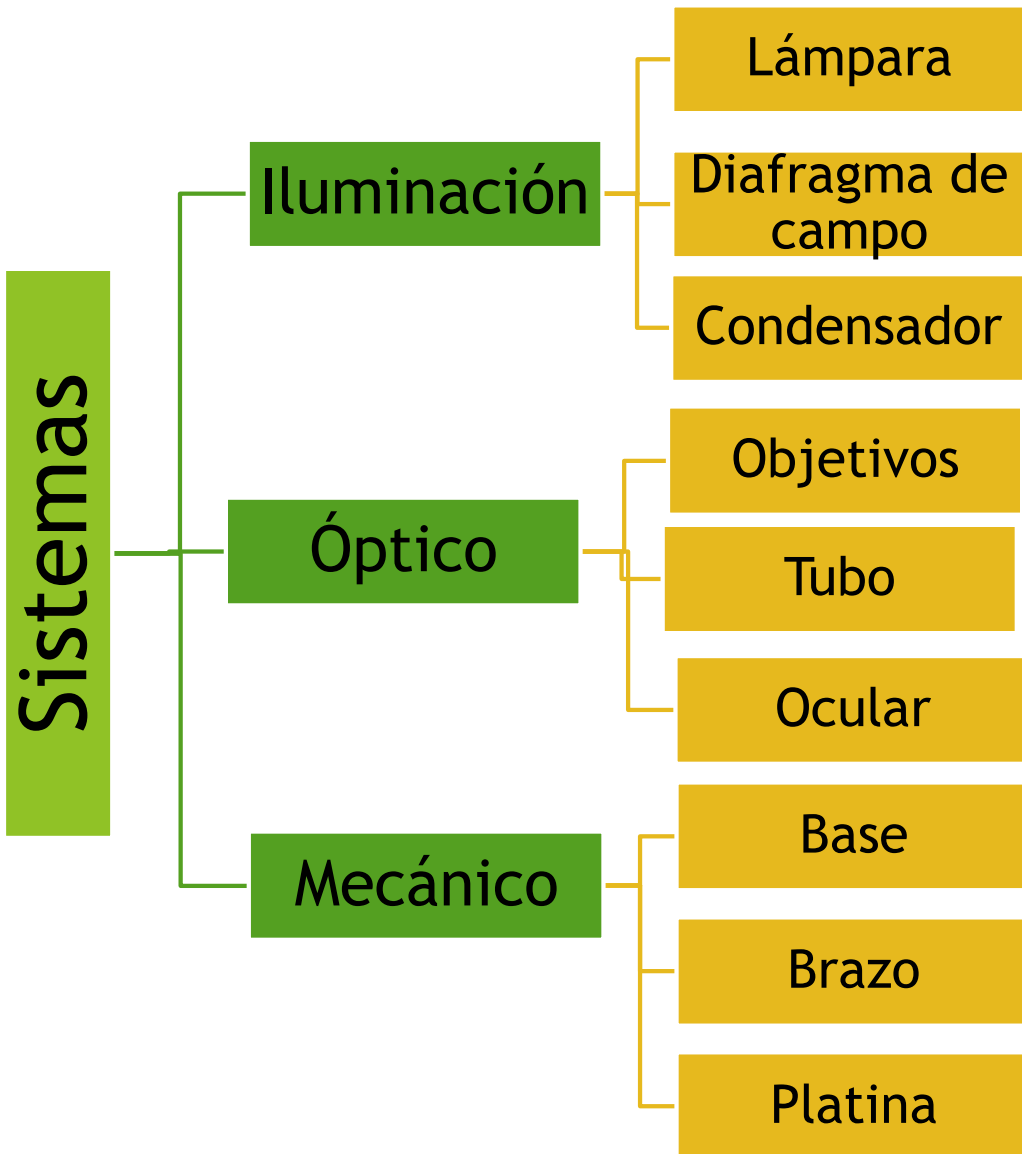
Estereoscópico



Microscopio binocular compuesto

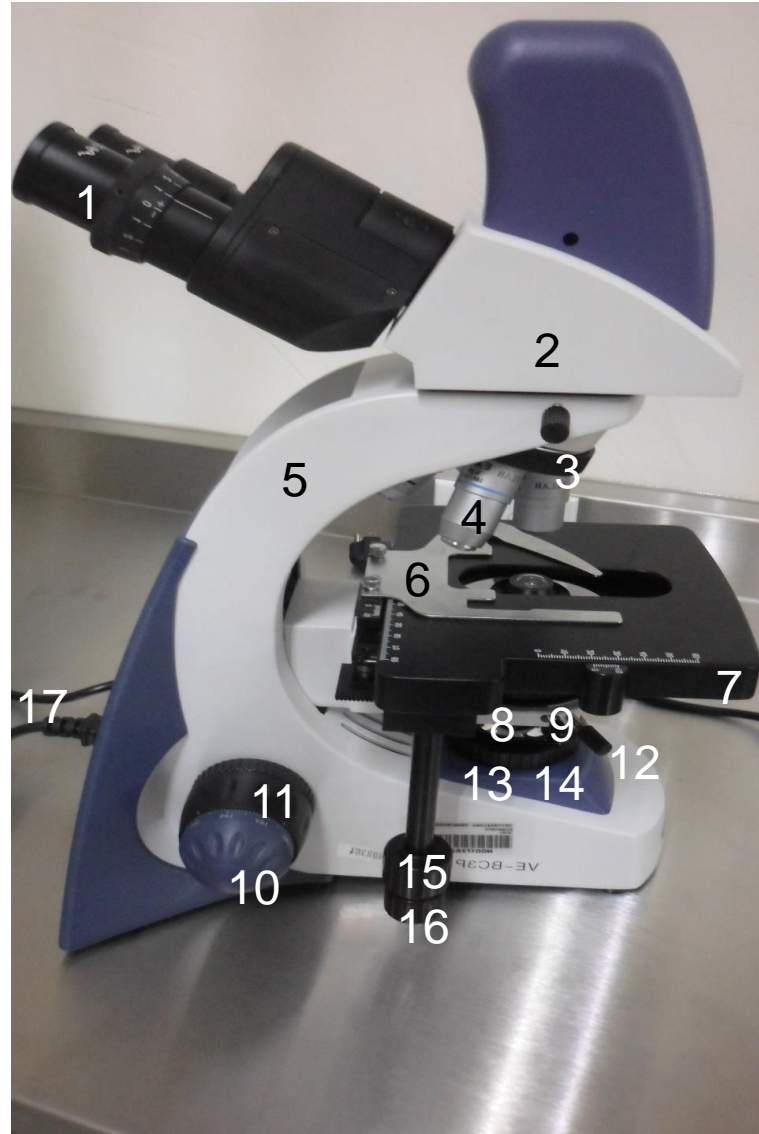


SISTEMAS DE UN MICROSCOPIO

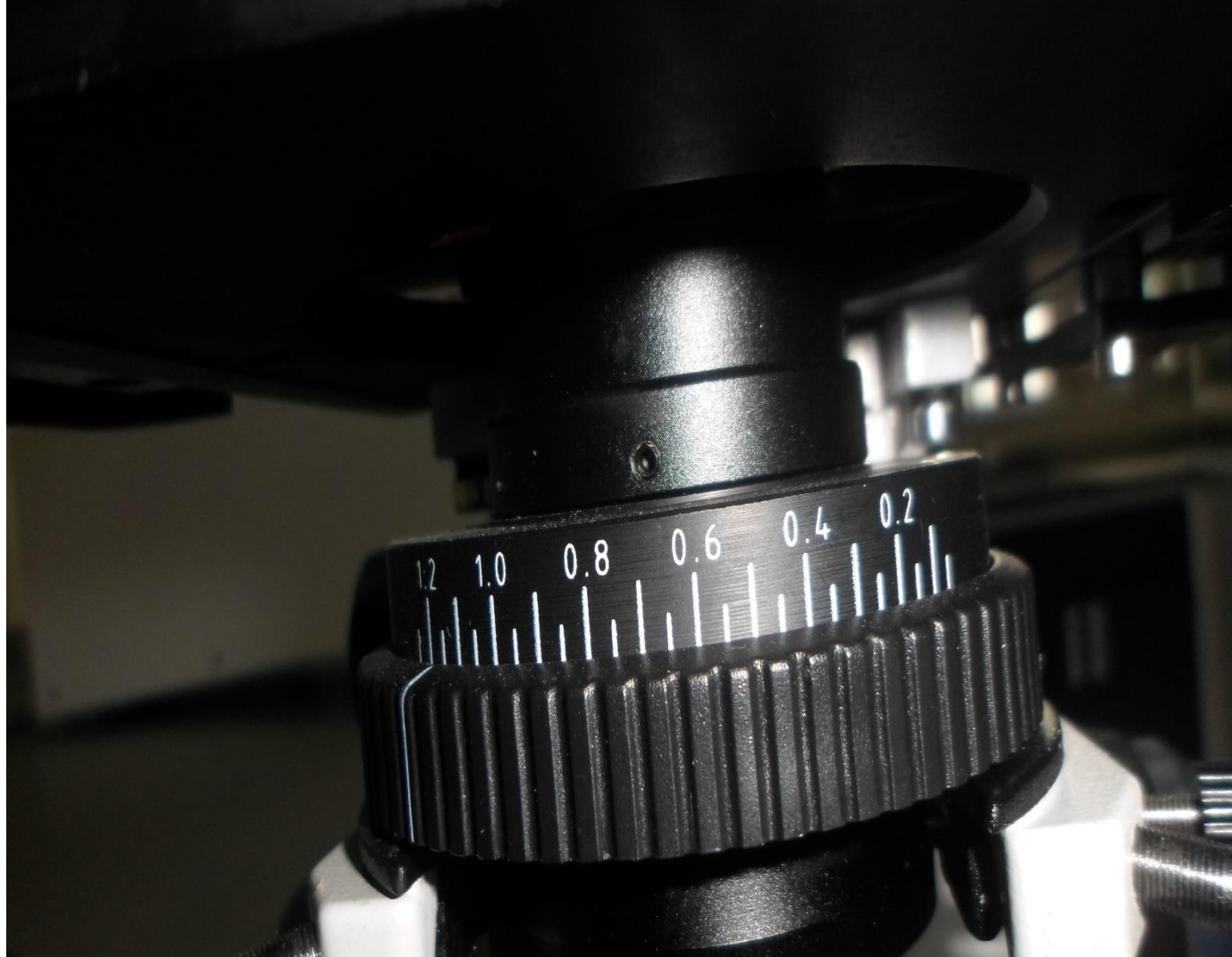


ESQUEMA DE UN MICROSCOPIO

1. Tubo ocular
2. Cabeza
3. Revólver
4. Objetivos (4x, 10x, 40x y 100x)
5. Brazo
6. Carro
7. Platina
8. Condensador
9. Filtros
10. Tornillo micrométrico
11. Tornillo macrométrico
12. Tornillo del condensador
13. Lámpara
14. Diafragma de la lámpara
15. Perillas laterales anteriores
16. Perillas laterales posteriores
17. Cable de la lámpara.



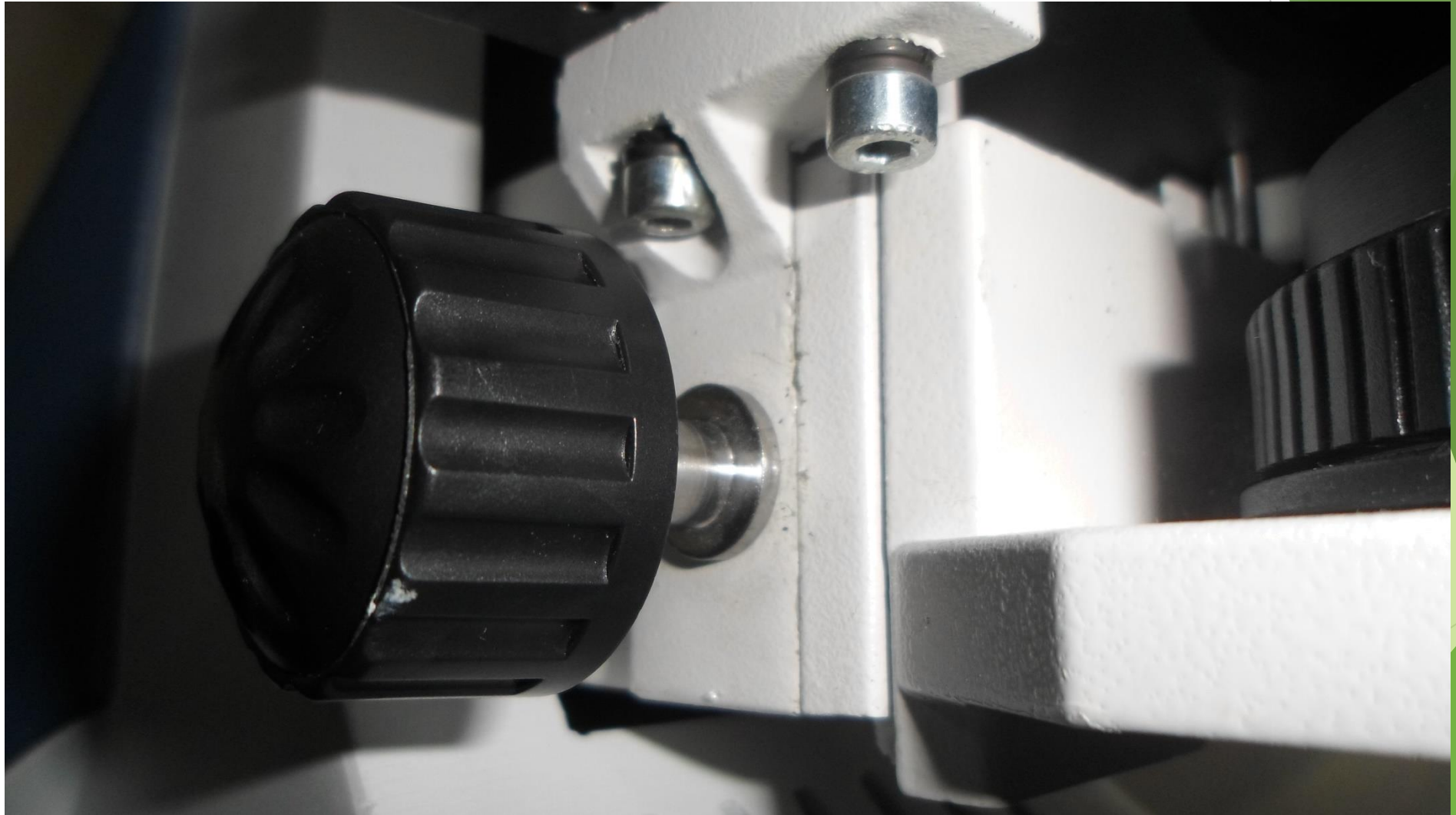
CONDENSADOR



FILTROS



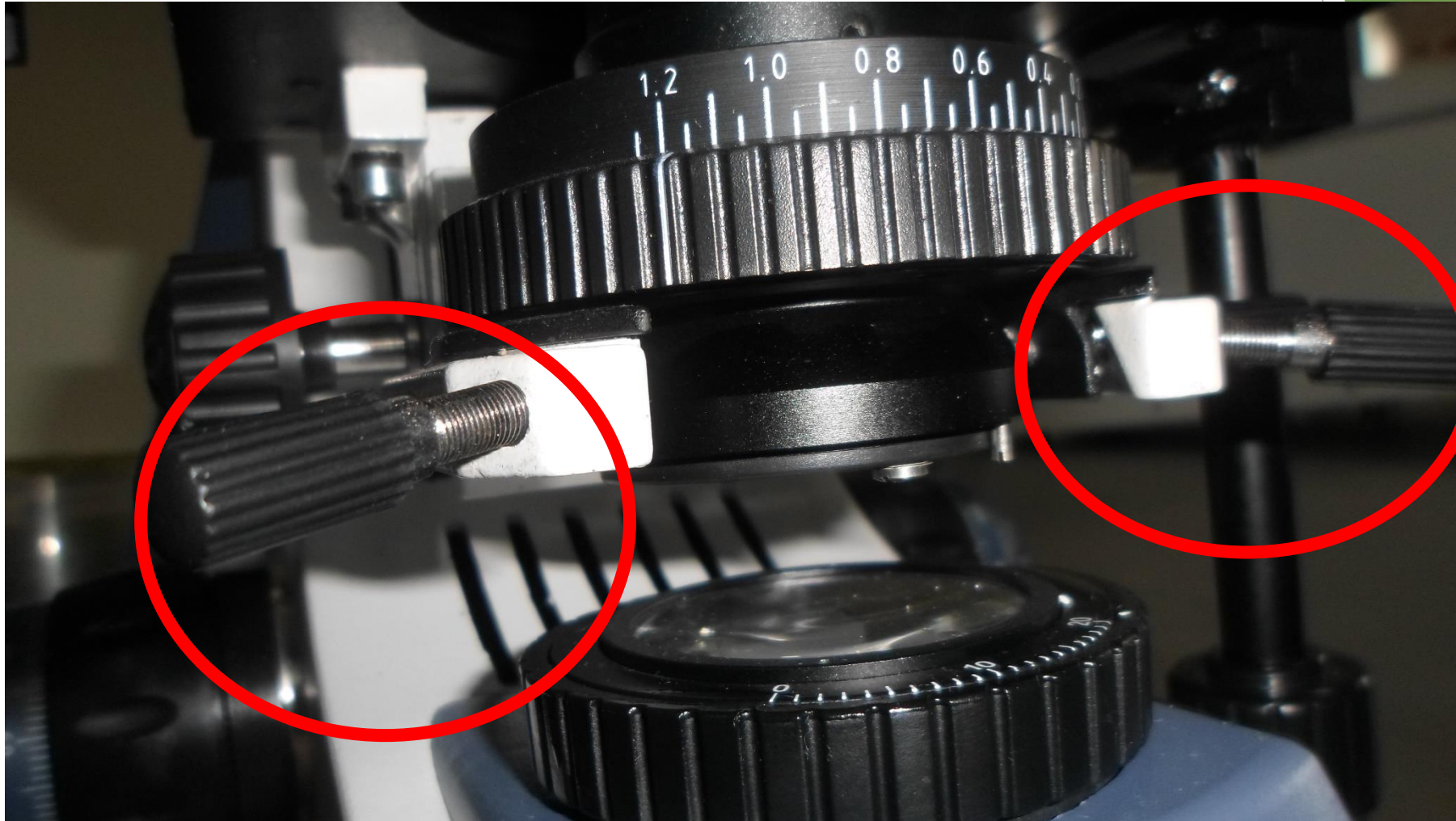
SEGURO DE LA PLATINA



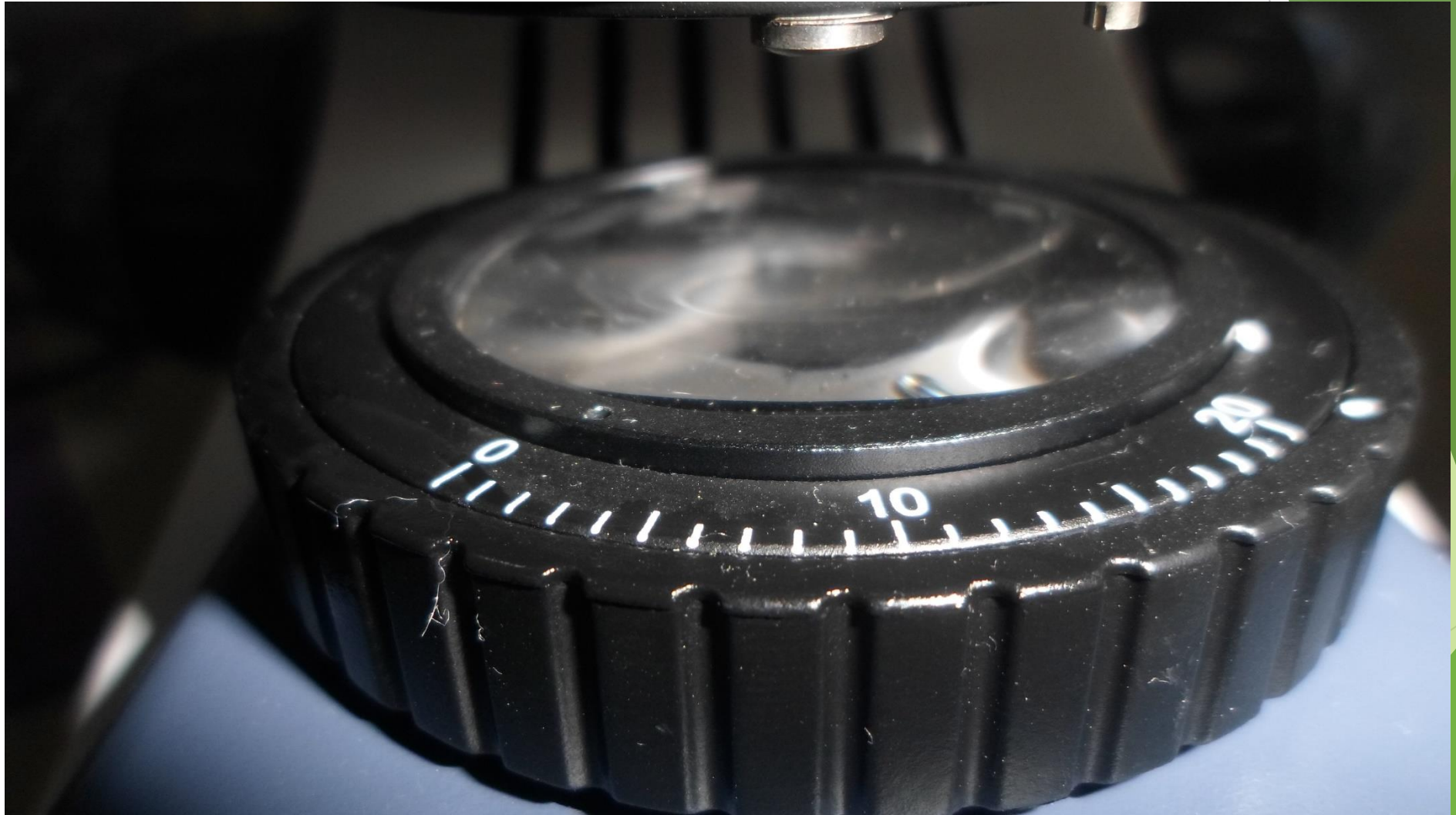
TORNILLOS DEL CONDENSADOR



TORNILLOS DEL CONDENSADOR



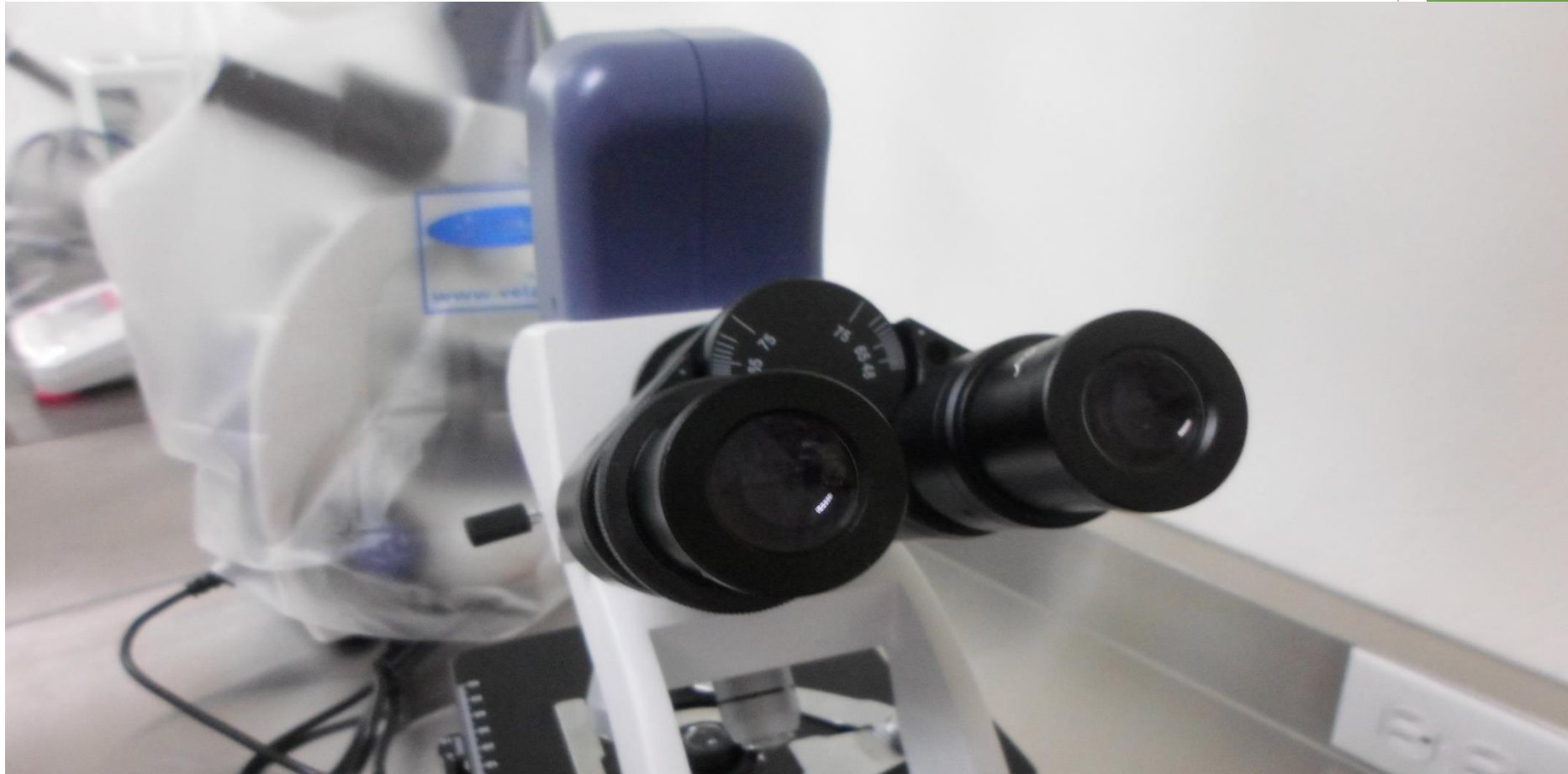
LÁMPARA



DIAFRAGMA DE LA LÁMPARA



TUBOS OCULARES



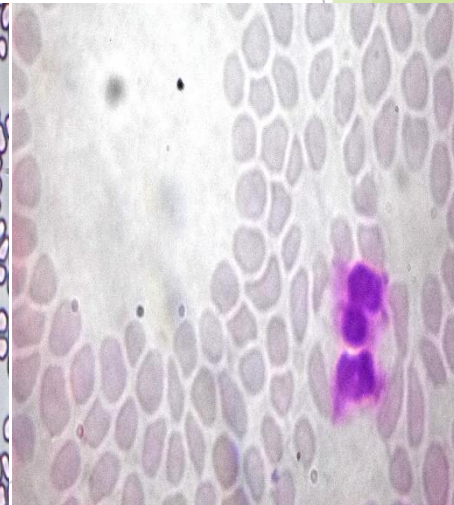
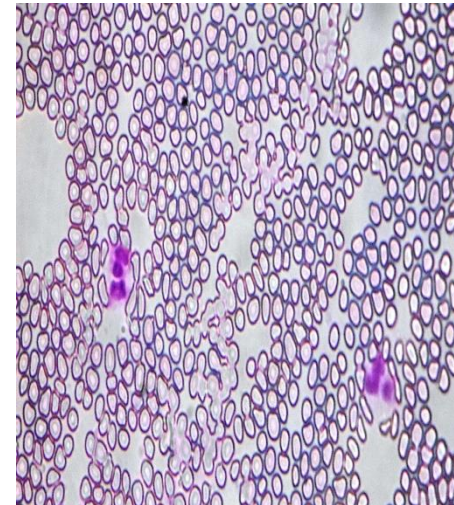
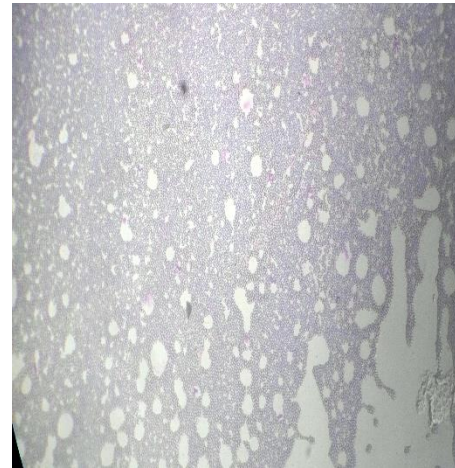
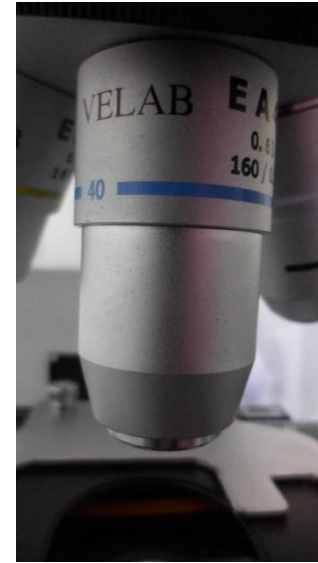
CABEZA



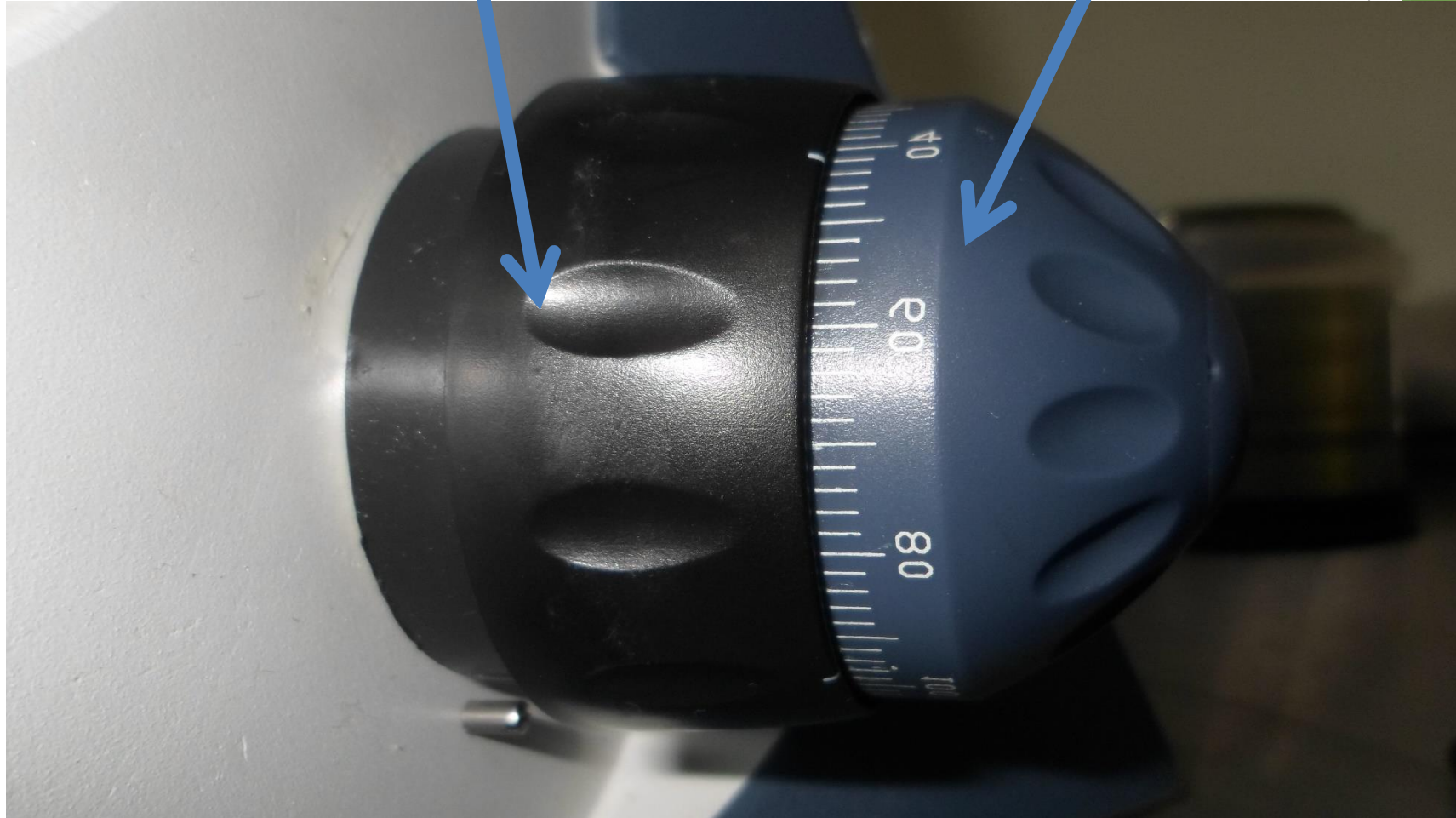
REVOLVER



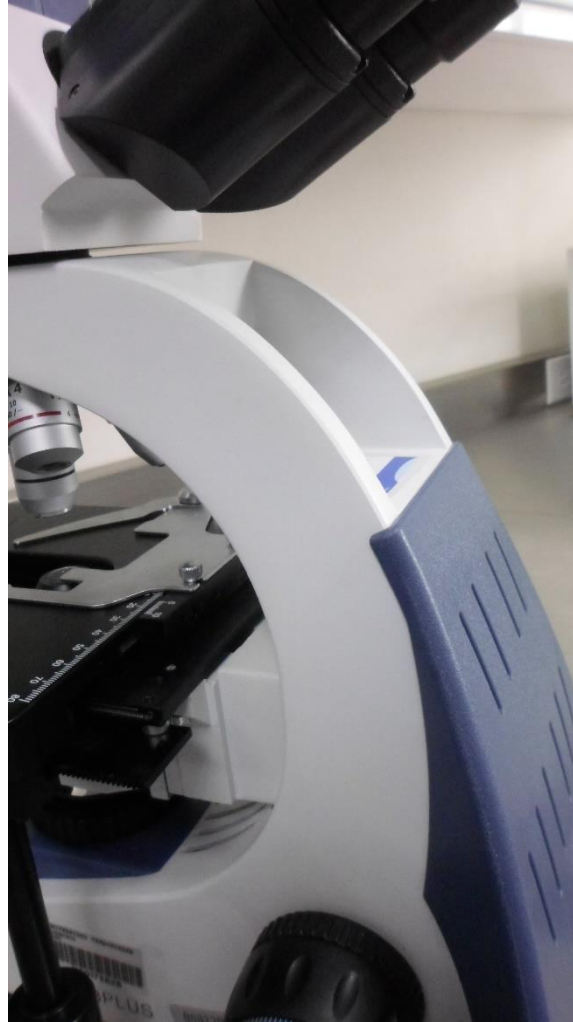
OBJETIVOS (4X, 10X, 40X Y 100X)



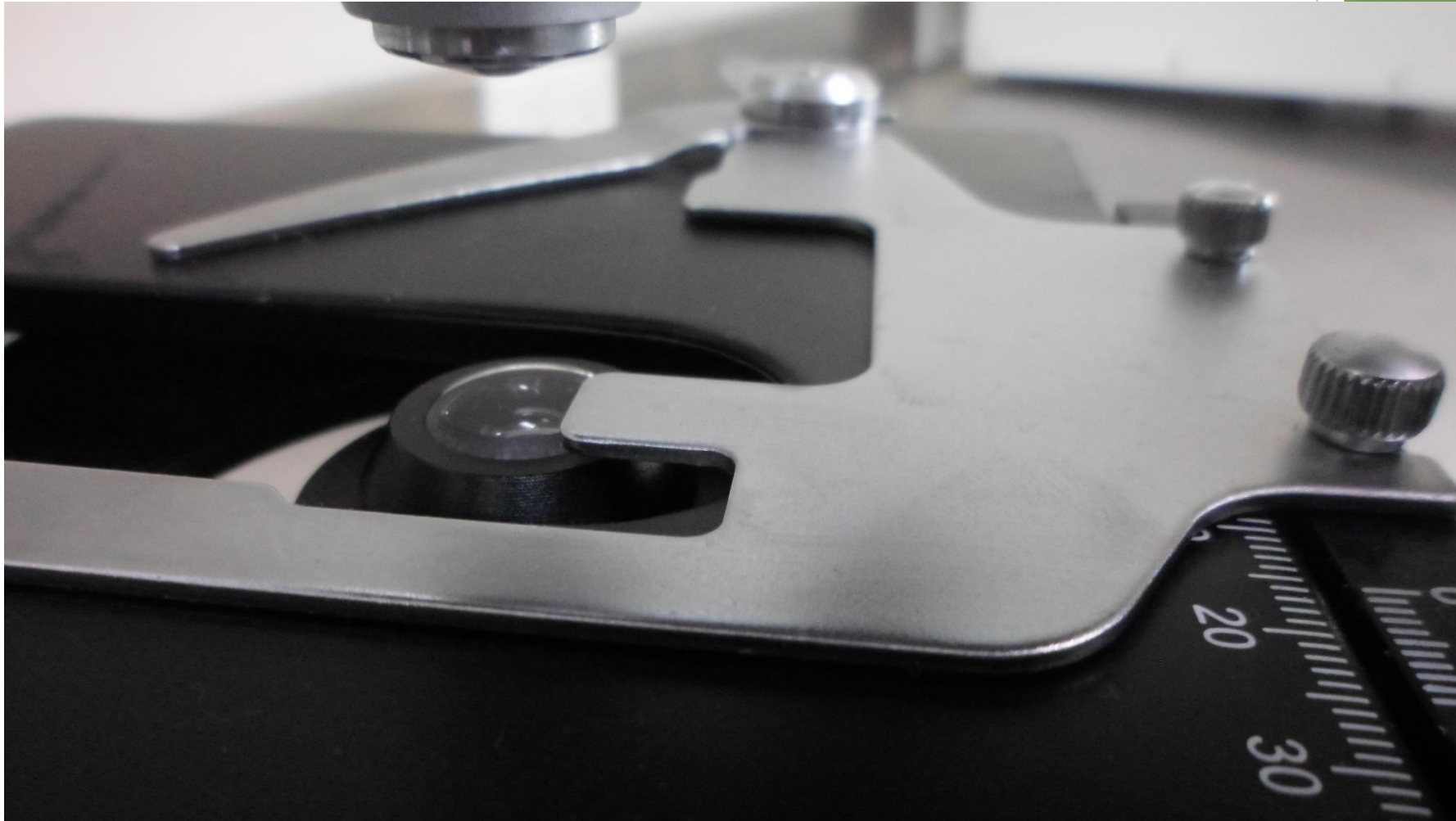
TORNILLO MACROMÉTRICO Y MICROMÉTRICO



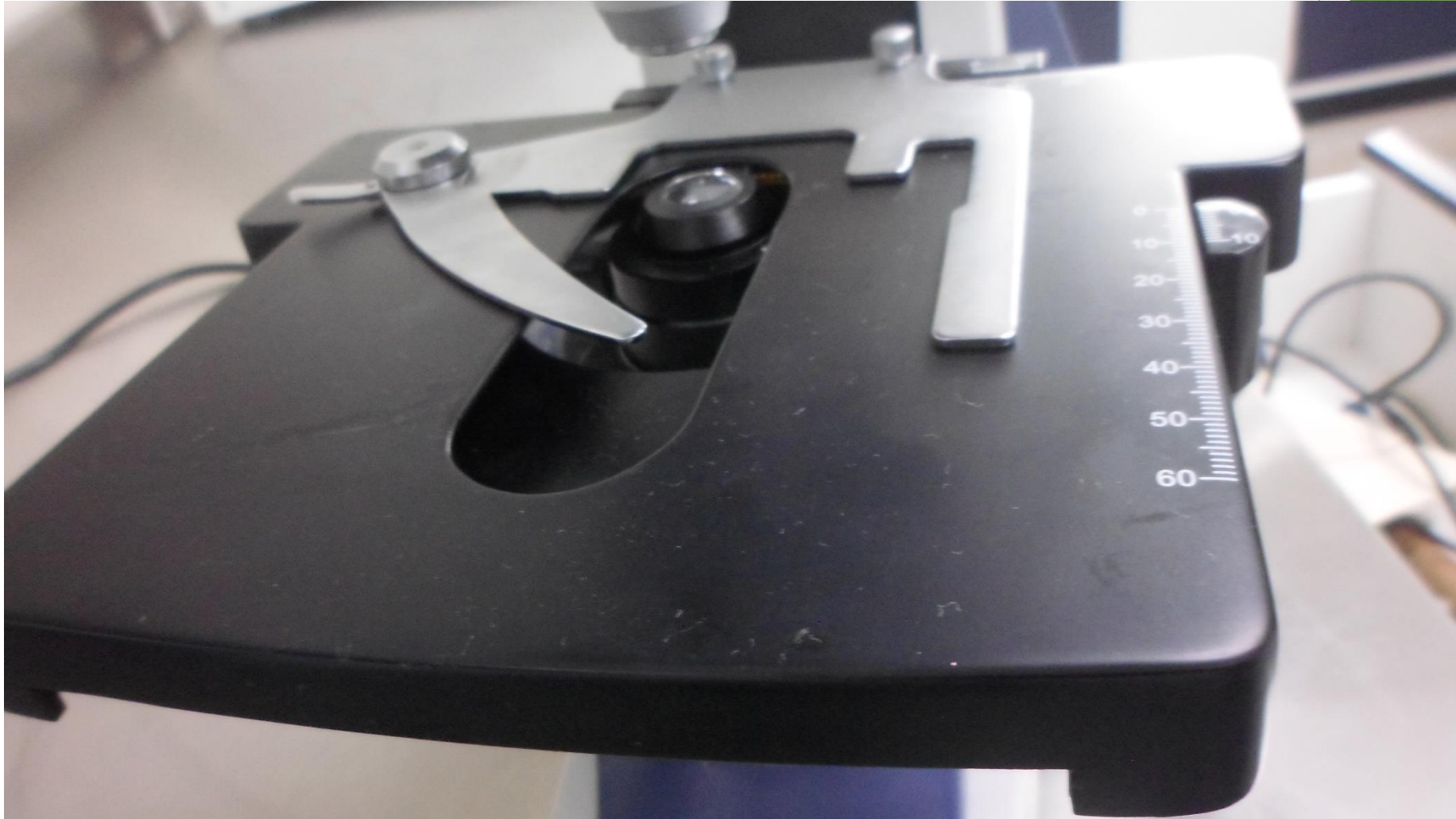
BRAZO



CARRO



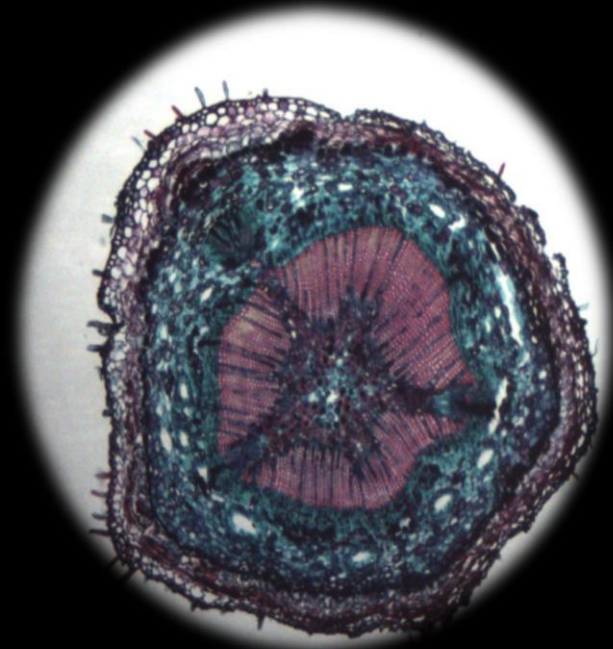
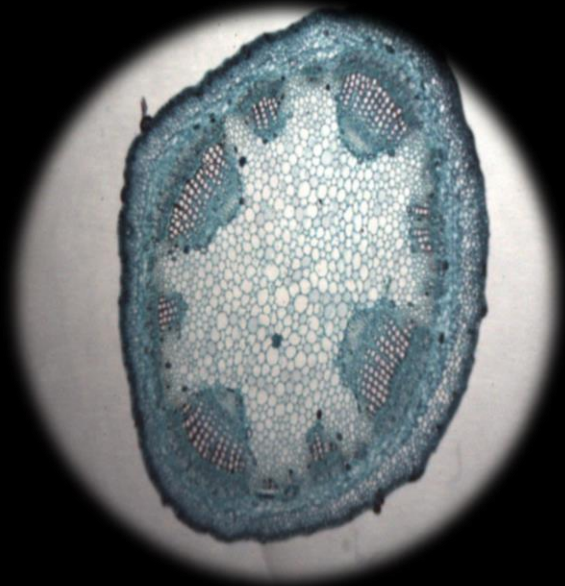
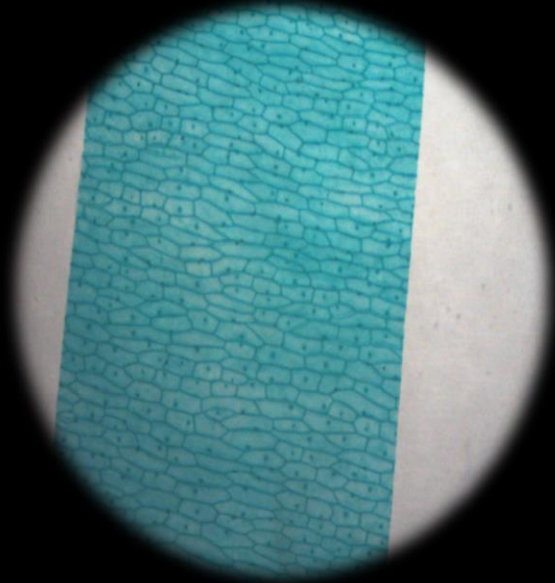
PLATINA



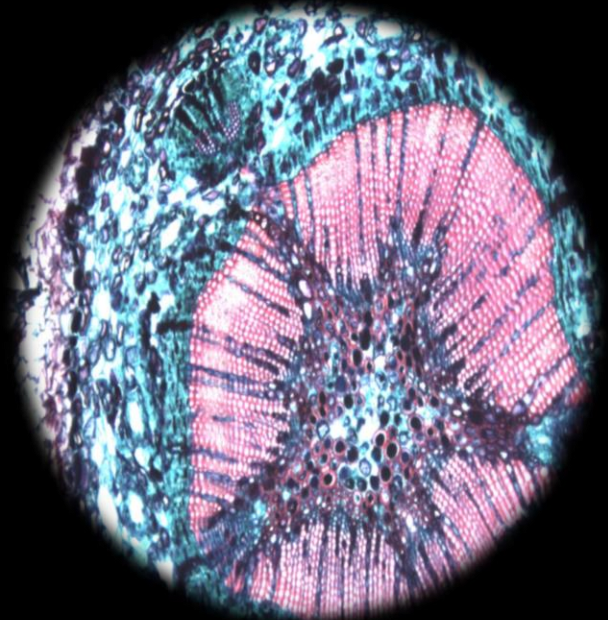
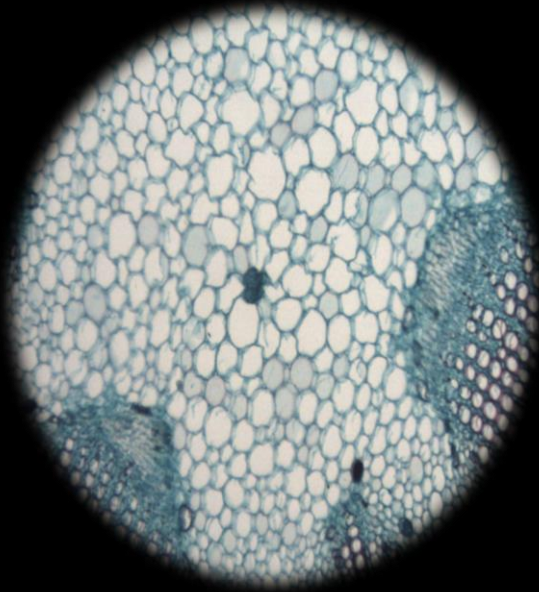
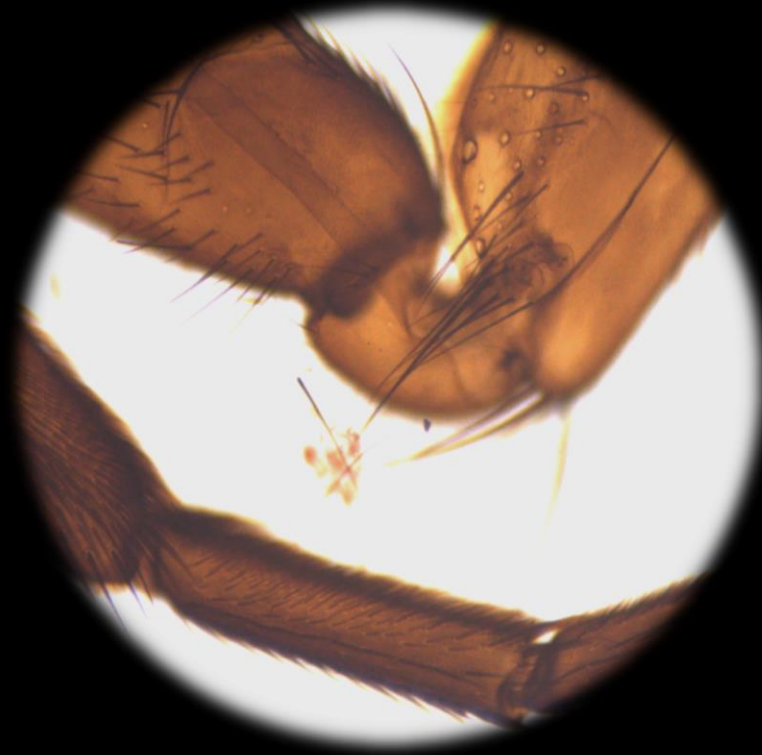
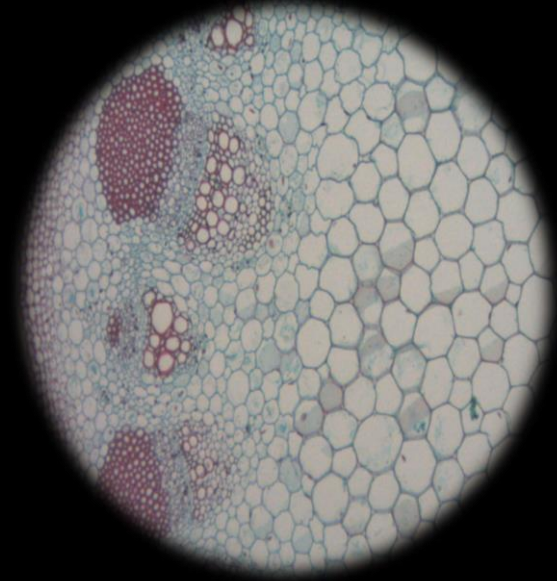
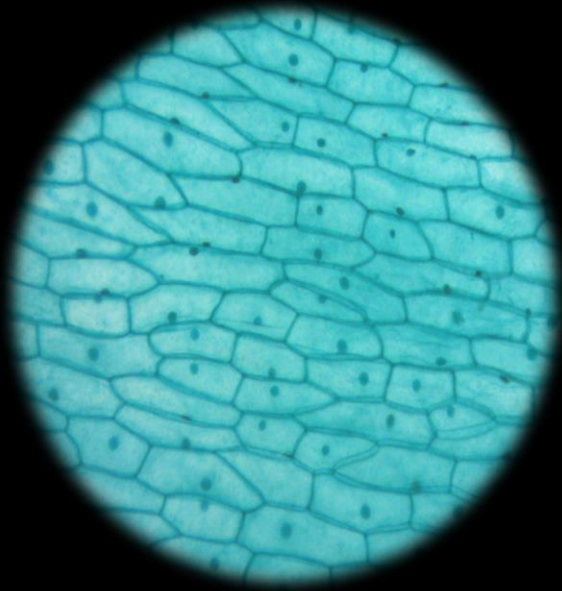
PERILLAS LATERALES ANTERIORES Y POSTERIORES



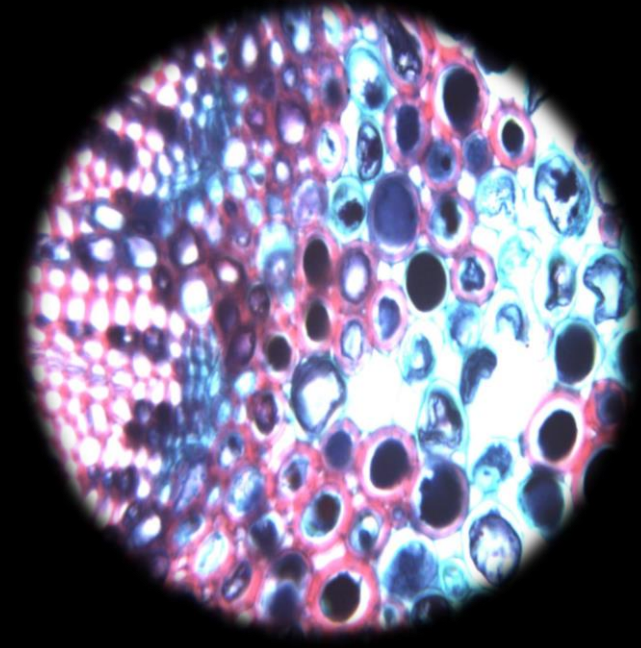
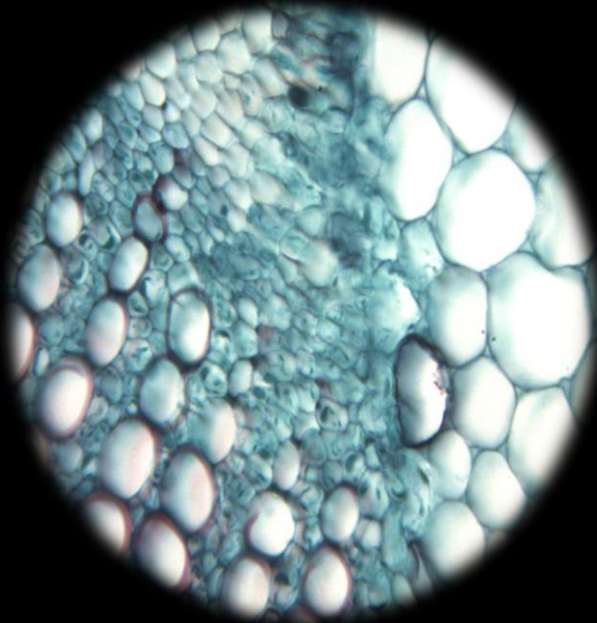
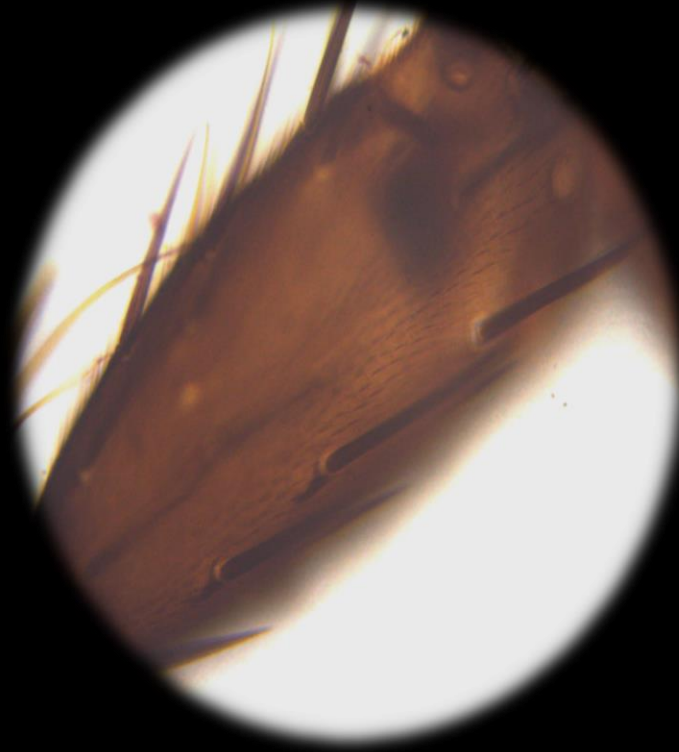
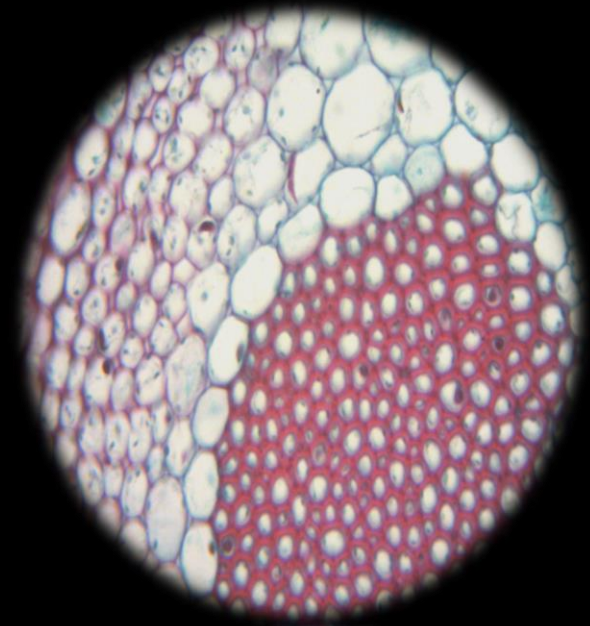
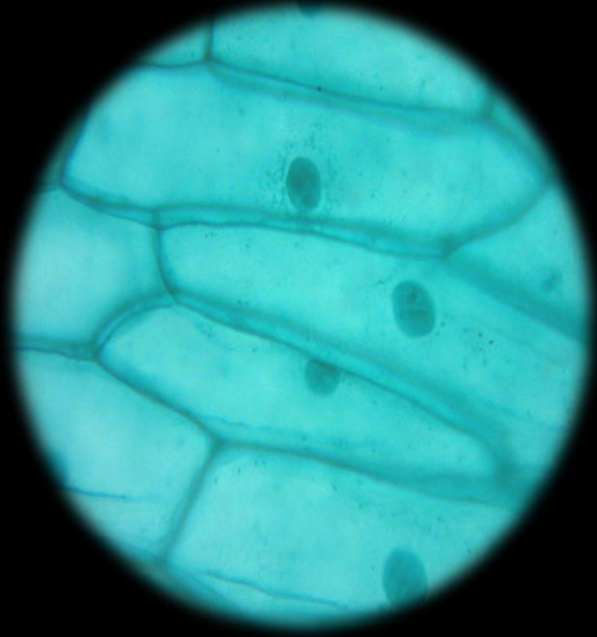
CORTES DE TEJIDOS 4X



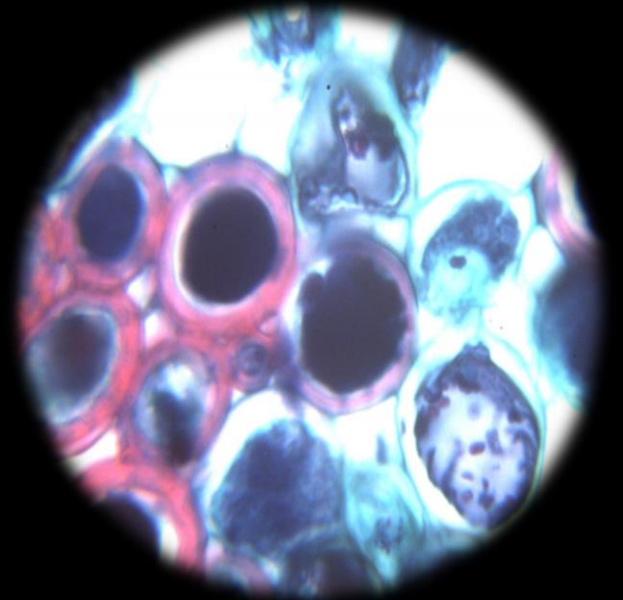
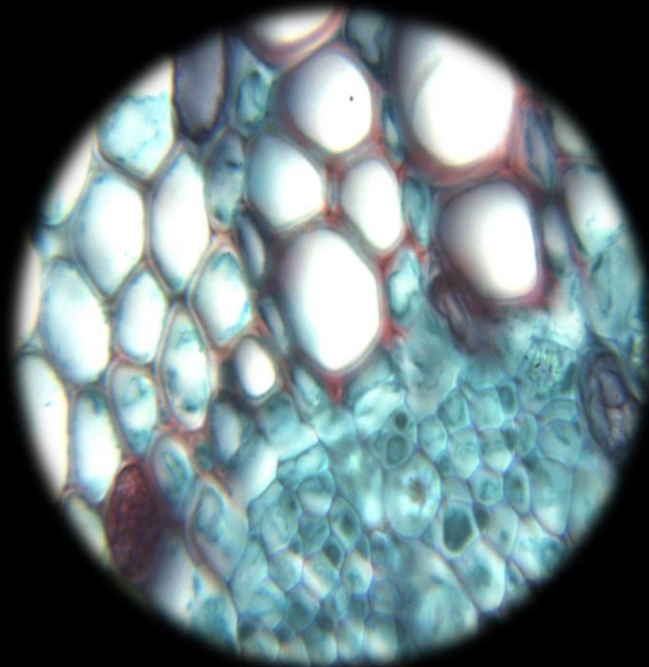
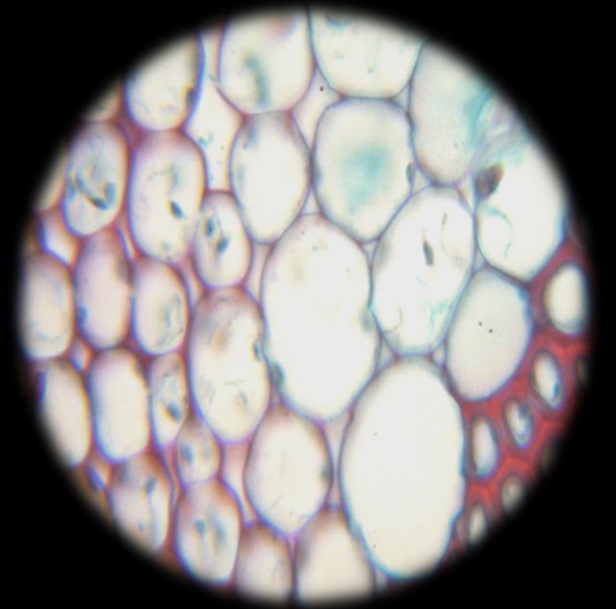
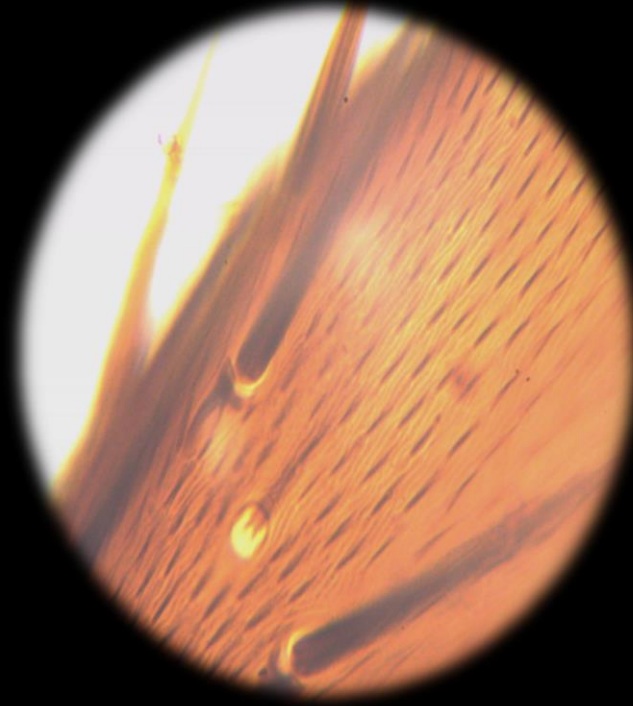
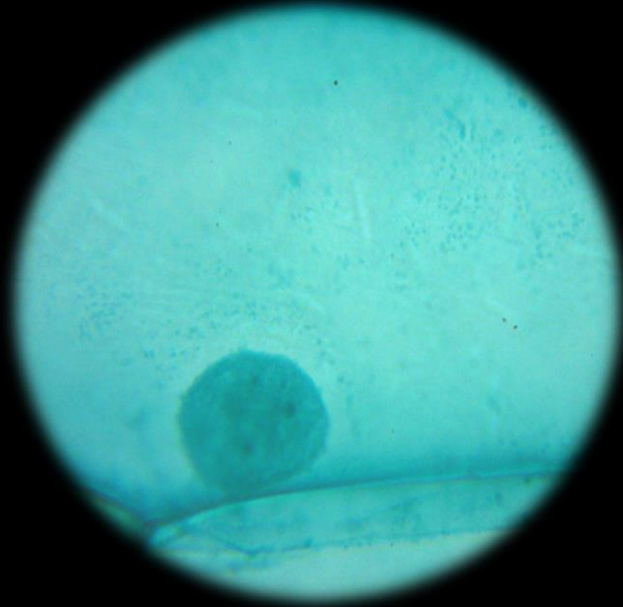
CORTES DE TEJIDOS 10X



CORTES DE TEJIDOS 40X



CORTES DE TEJIDOS 100X



- ▶ Beaver CH, Cupp EW, Jung RC. 2003 Parasitología clínica de Craig Faust. Tercera edición, Masson editores
- ▶ Casado Escribano, N. (2010). *Introducción a la parasitología aplicada. V: estudios ultraestructurales en parasitología: microscopía electrónica de transmisión (M.E.T.)*. Editorial Universidad de Alcalá.
<https://elibro.net/es/lc/bibliotecauv/titulos/53516>
- ▶ Gage, S.H. 1991. The Microscope Comstok Publishing Co. Inc. Ithaca, N.Y.



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