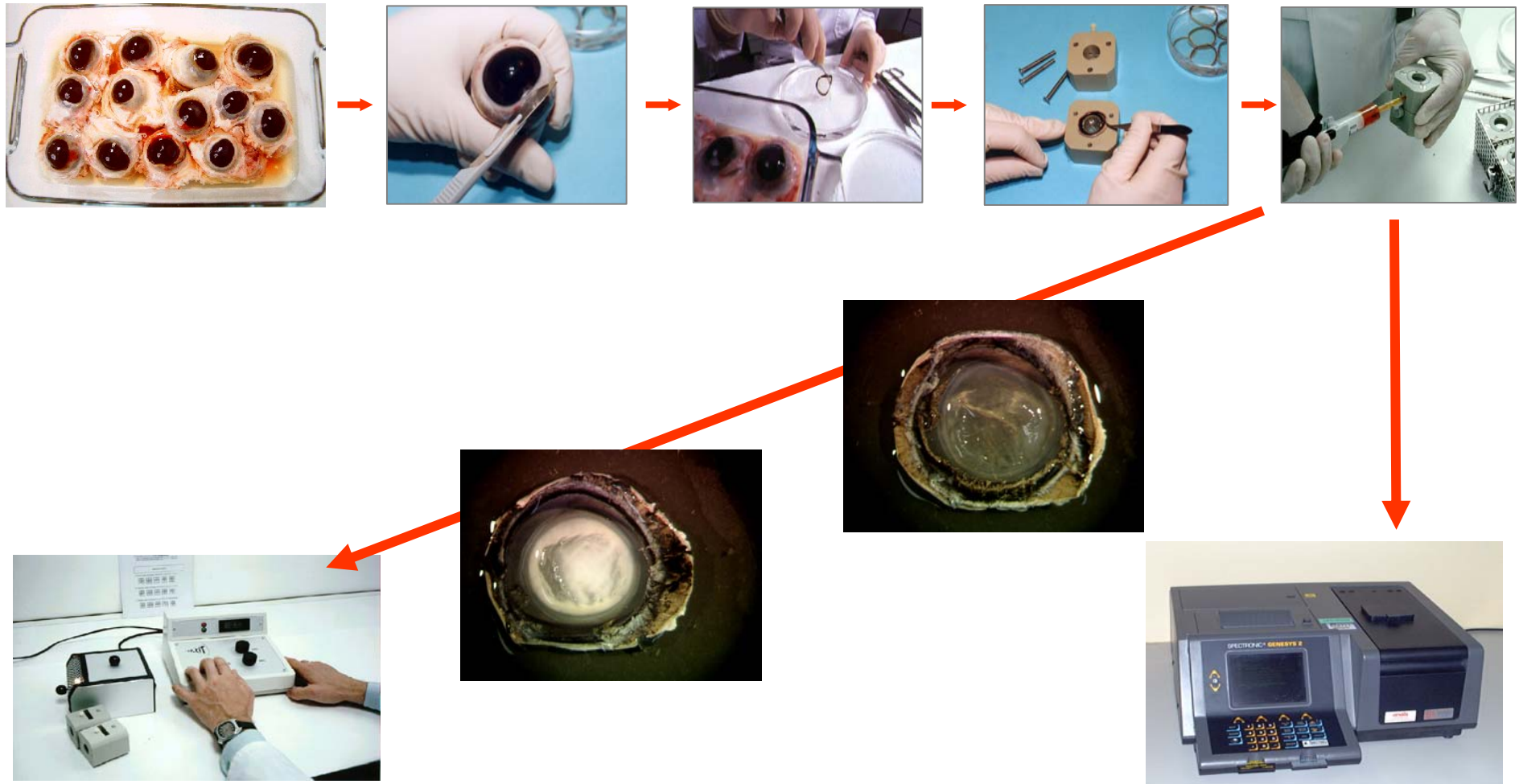


Eye irritation: BCOP test

- **Objective:** in vitro bovine corneal opacity-permeability test to assess possible eye irritation potential of compounds
- **Principle:** corneas of fresh bovine eyes are exposed to the test compounds where after the opacity and permeability is measured. Results are then combine in a prediction model which determines the irritation potential of the compound.
- **Development Stage:** development
- **Results / data:** in vitro irritation score which classifies the compounds as non-irritant, mild, moderate or severe irritant.
- **Applicability Domain:** chemicals, drugs, cosmetics, formulations

Eye irritation: BCOP test

Experimental layout



Opacity measurement

Permeability measurement