

Gelectrophoresis

Schedule:

Week 1: Slab Gel Electrophoresis: Polyacrylamide Gel Electrophoresis (PAGE), native PAGE, SDS–PAGE, agarose gel electrophoresis

Week 2: Blotting Techniques

Week 3: Two-Dimensional (2D) Electrophoresis

Week 4: Sample Preparation for Gel Electrophoretic Analyses

Week 5: Capillary Gel Electrophoresis (CGE)

Week 6: Composition of Polymer Sieving Matrices for CGE

Week 7: Electrokinetic and Hydrodynamic Injection Methods in CGE

Week 8: Detection Methods in CGE

Week 9: Practical Applications of CGE

Week 10: Microchip Gel Electrophoresis