Well-defined Diblock Copolymers for Gene Delivery
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NNIN Facility utilized: Characterization Facility

- Diblock copolymers for gene delivery
  - Inspired by highly defined yet dynamic structures of viruses
  - Precisely defined block polymers synthesized via controlled “living” polymerization

- Transmission electron microscopy
  - Polyethylene glycol (PEG)-polycation diblock copolymers condense DNA electrostatically into nanoparticles

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