



- A) Mixture of two different types of NRs can be selectively melted. Short NRs, yellow, can be excited at 800nm, releasing their payload (green triangles). Longer nanobones (orange) can be excited at 1100nm, releasing their payload (orange stars)
- B) TEM image also shows selective melting. Nanobones have been colored green, and shorter nanorods have been colored blue. After 800nm excitation, nanorods form spheres but nanobones are not affected. After 1100nm excitation, nanobones melt to form spheres and stars, but nanorods are not affected.