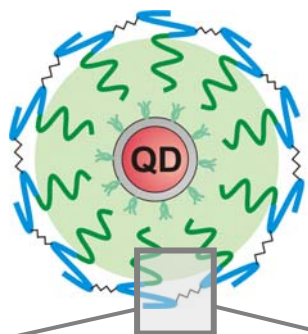
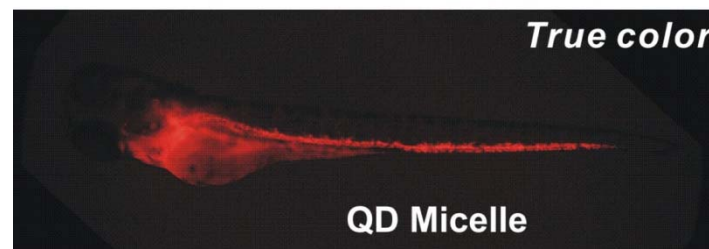
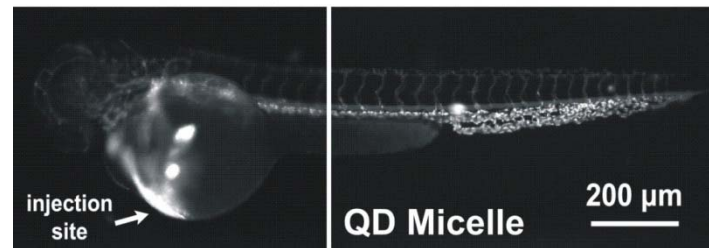


Micelle-Encapsulated Nanoparticles

T. Andrew Taton (PI), Ying Chen, Byeong-Su Kim, Alexi Young,
Chemistry, University of Minnesota; Stephen Ekker, Mayo Clinic
NNIN Facility utilized: Characterization Facility



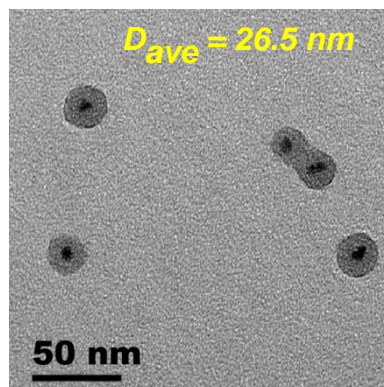
- Micelle encapsulation enhances chemical, thermal stability of particles
- Circulatory behavior of nanoparticles with different surface treatments under investigation in zebrafish model



Microscope images of fluorescent nanoparticles injected into 3-day-old zebrafish embryos.



TEM image of
 $\text{CdSe/ZnS}@PS_{250}\text{-}b\text{-PAA}_{13}$



Recent Publications:

Langmuir **2007**, 23, 7491

Langmuir **2007**, 23, 2198

Bioconjugate Chem. **2007**, 18, 183

J. Polym. Sci., Part A: Polym. Chem., **2006**, 44, 2604

Nano Lett. **2005**, 5, 1987