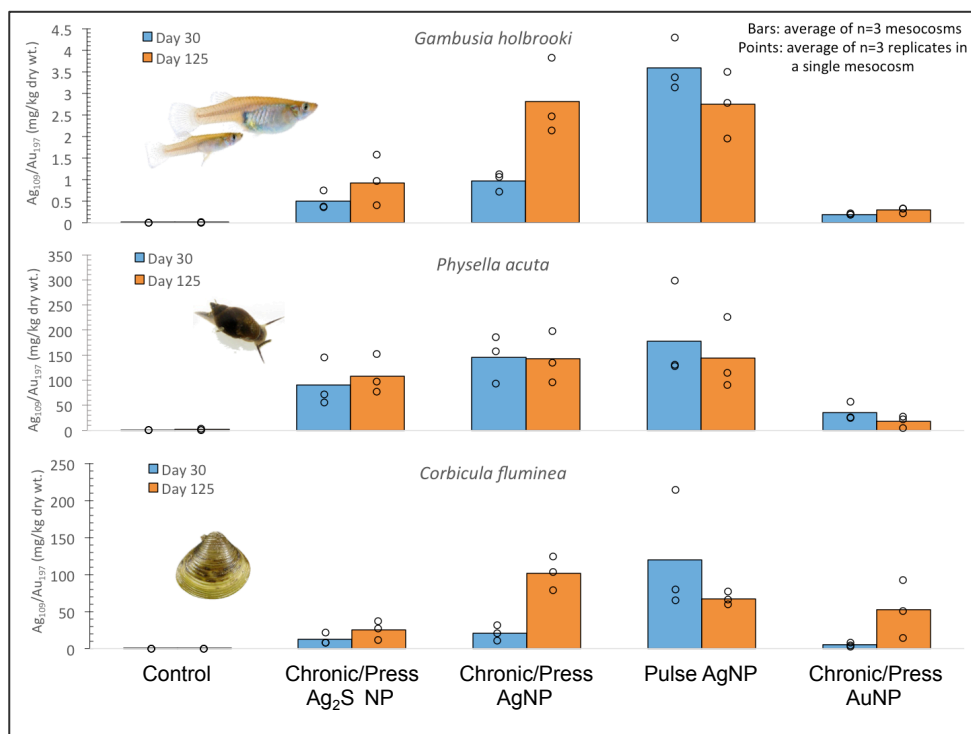


Bioavailability of Nanoparticles in Environmentally-Relevant Exposure Scenarios

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Ag and Au NP uptake in Duke wetland mesocosms



- **Press versus Pulse Dosing:** Equal or higher concentrations of Ag in organisms from chronic AgNP treatments, compared to Pulse AgNP treatments, by day 125. Note that chronic treatment was only 34% of pulse treatment by day 125 (of 365).
- **Dissolution:** Ag from AgNPs is taken up with greater efficiency than AuNP, likely due to AgNP dissolution. Filter-feeding *Corbicula* are the only exception.

