

**Figure S1.** Manufacturing process of PnP, PwP, and PwPL microparticles.

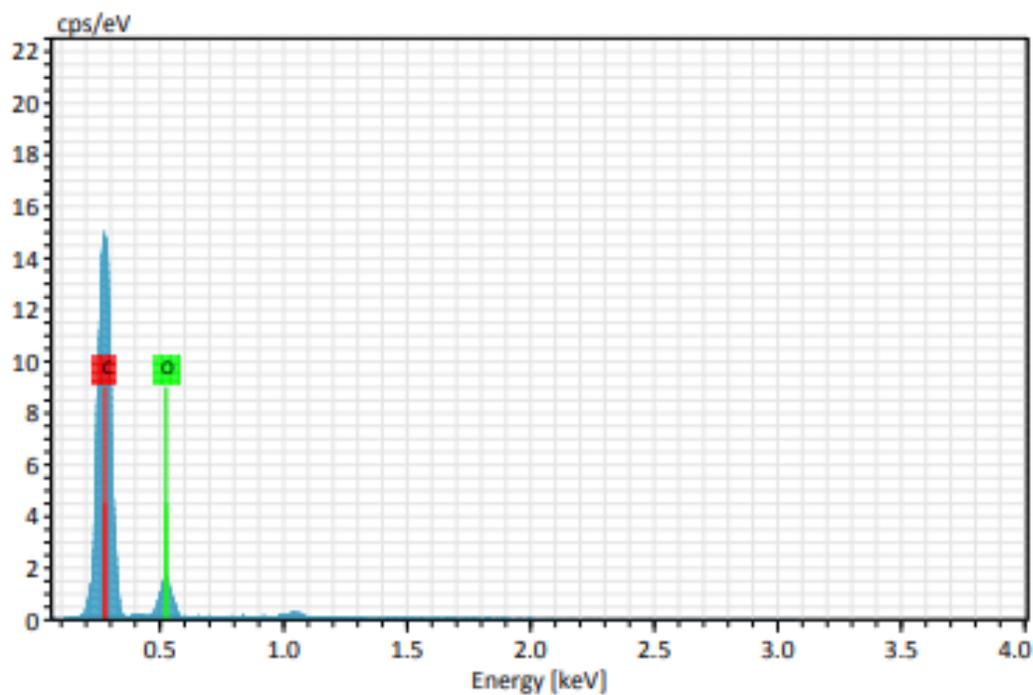


Figure S2. EDS analysis of PnP microparticles.

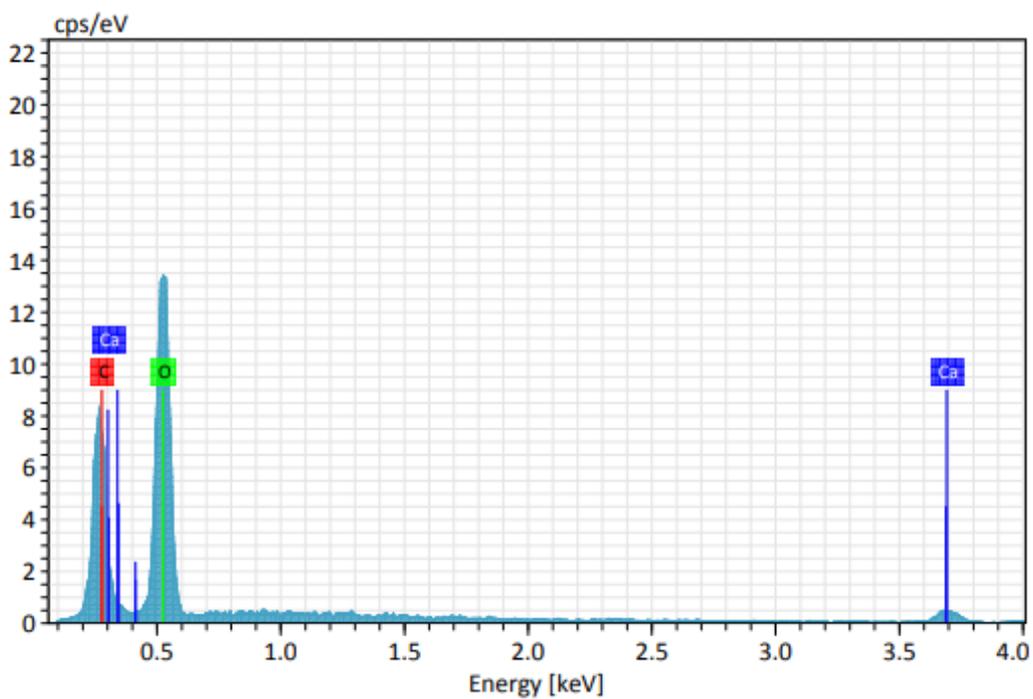


Figure S3. EDS analysis of PwP microparticles.

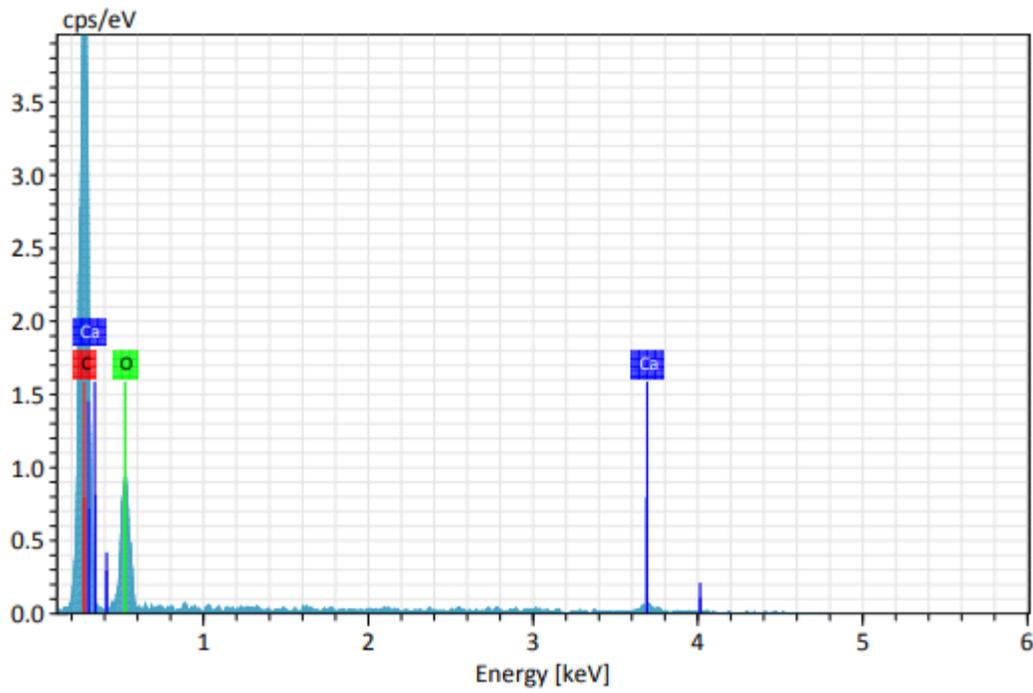


Figure S4. EDS analysis of PwPL microparticles.