

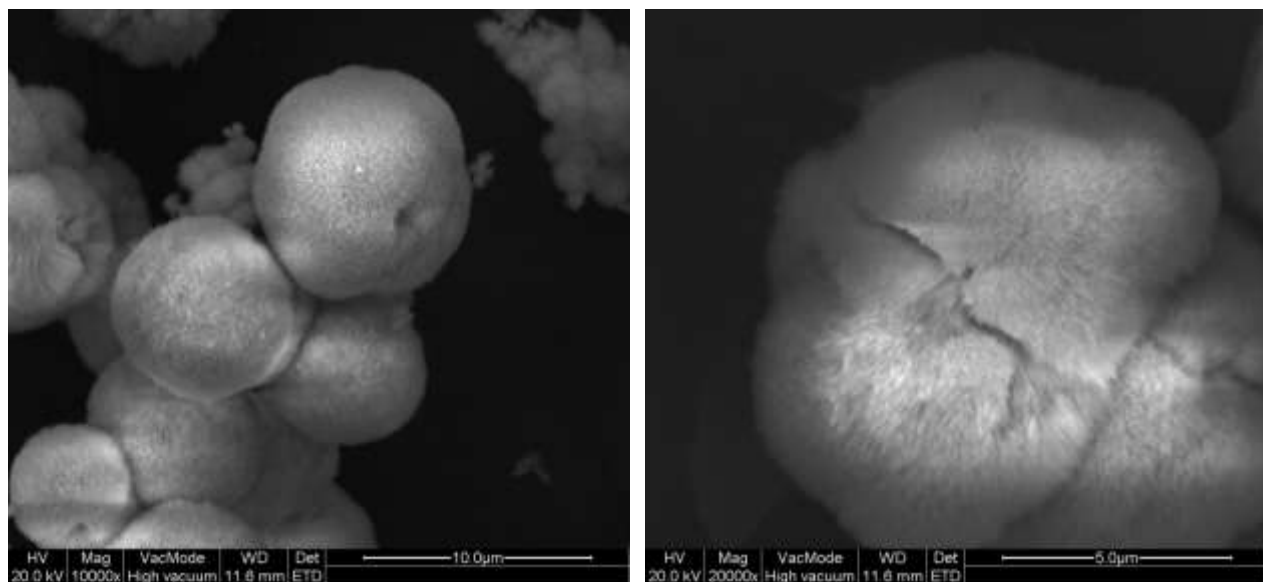
## Supporting Information

# Tuning the architecture and properties of micro structured yttrium tungstate oxide hydroxide and lanthanum tungstate

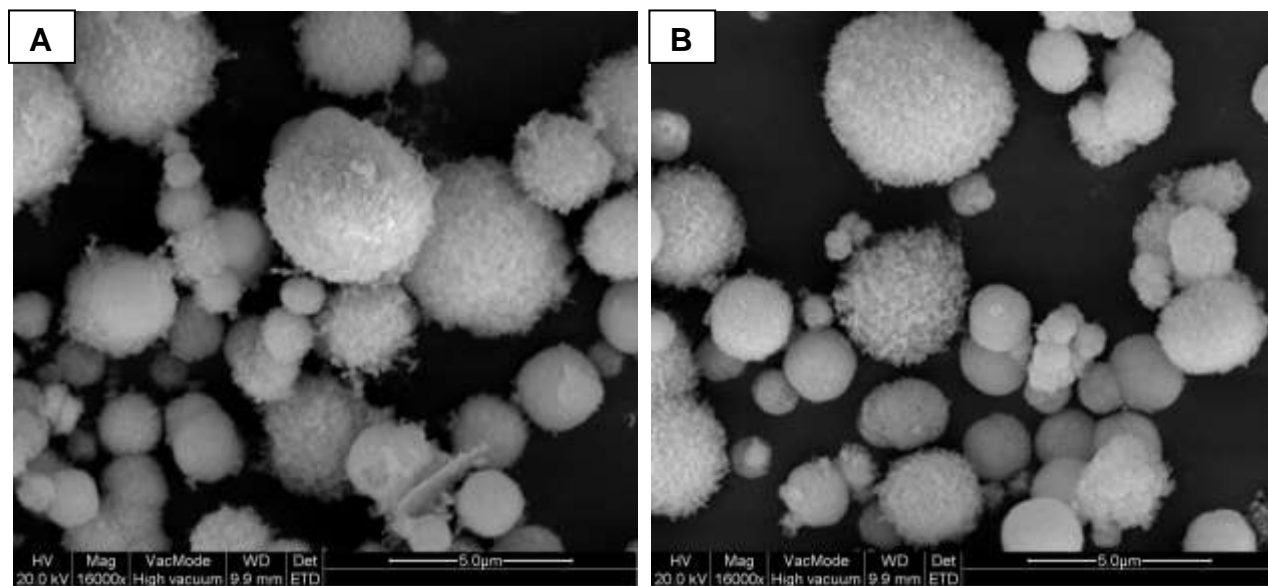
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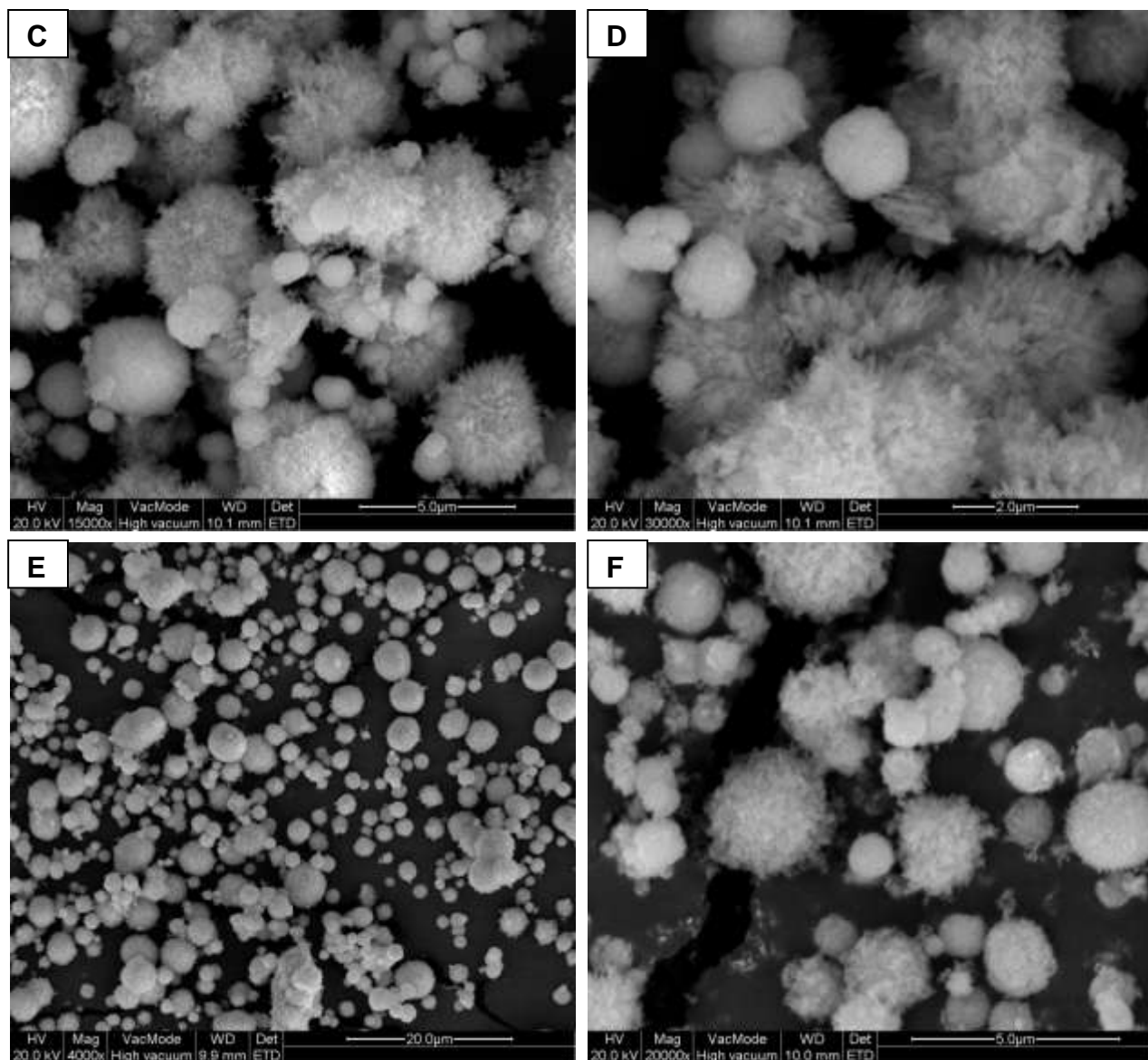
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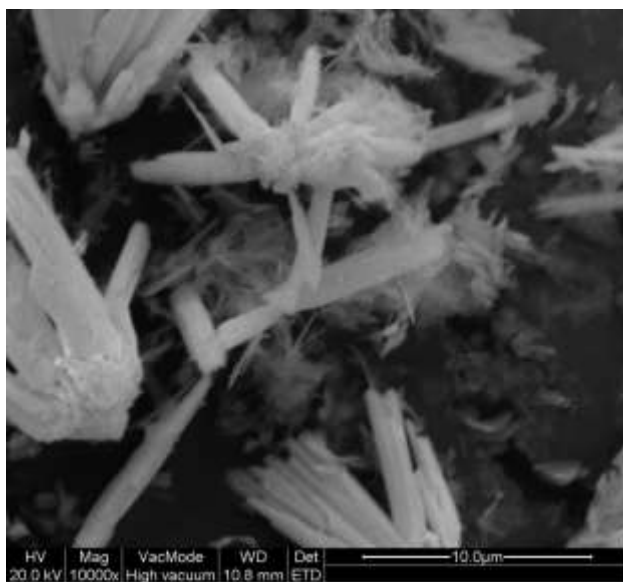


**Figure S1.** SEM images of 7.

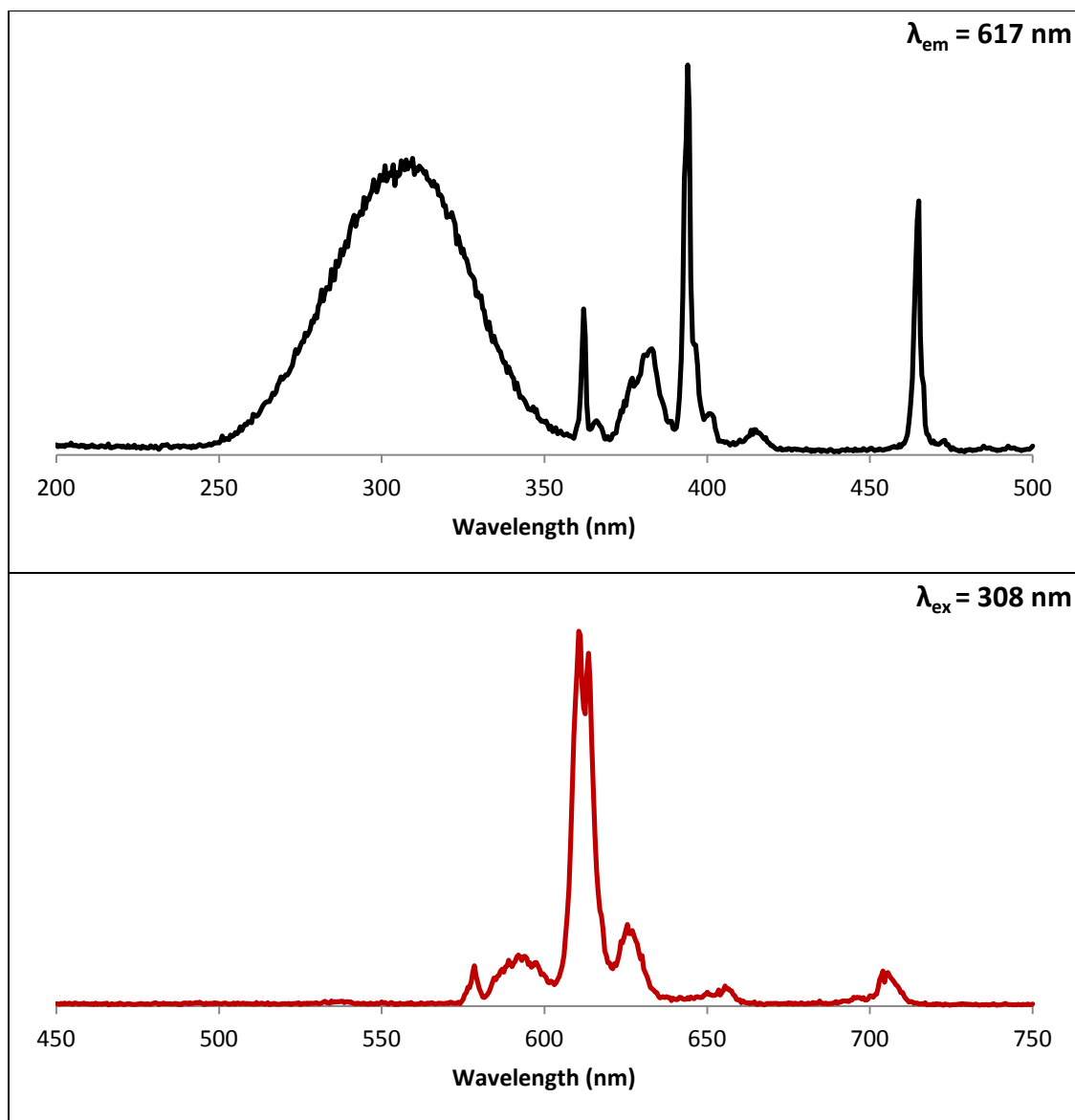




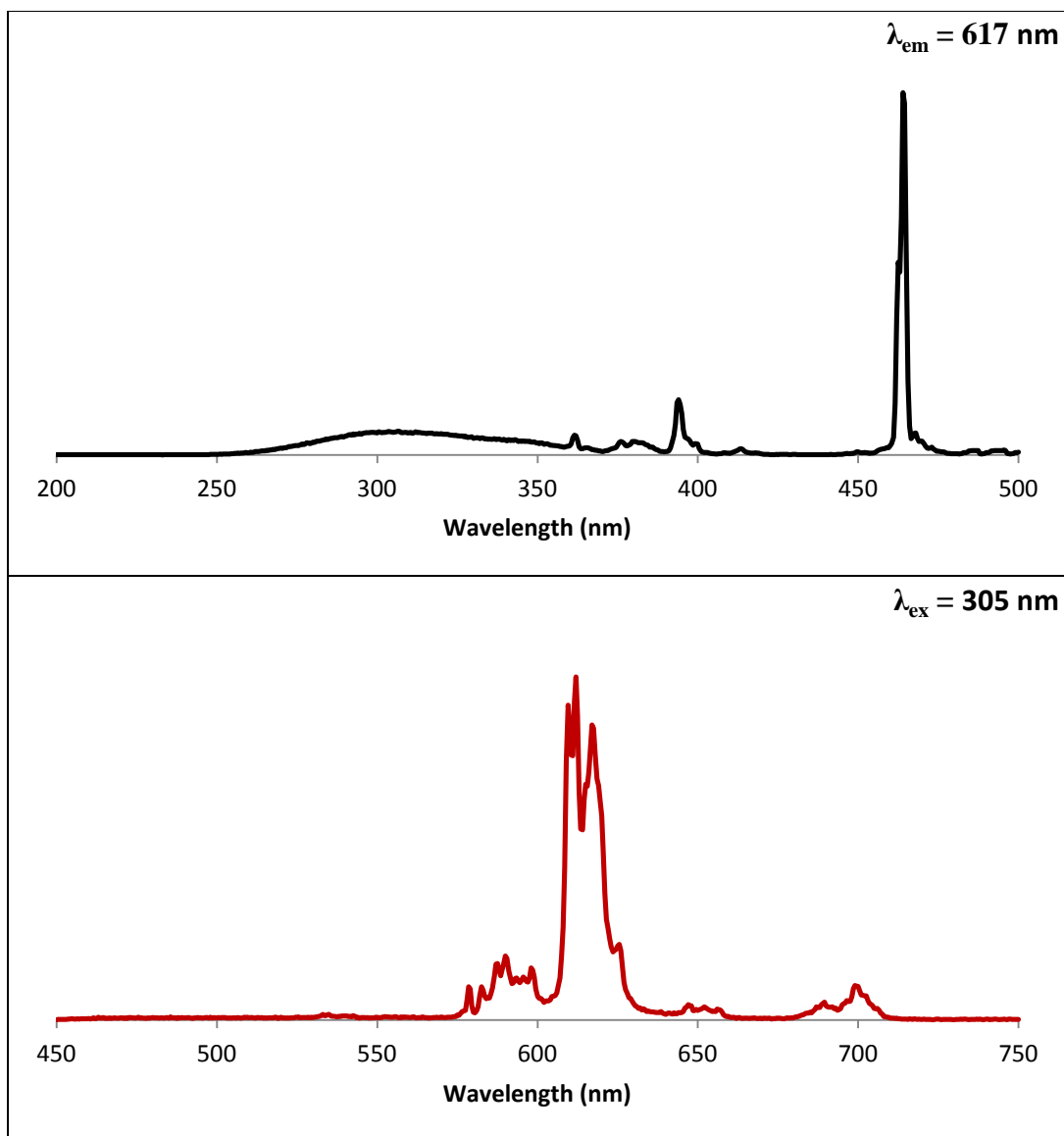
**Figure S2.** SEM images of (A, B) **10**, (C, D) **11**, (E, F) **12**.



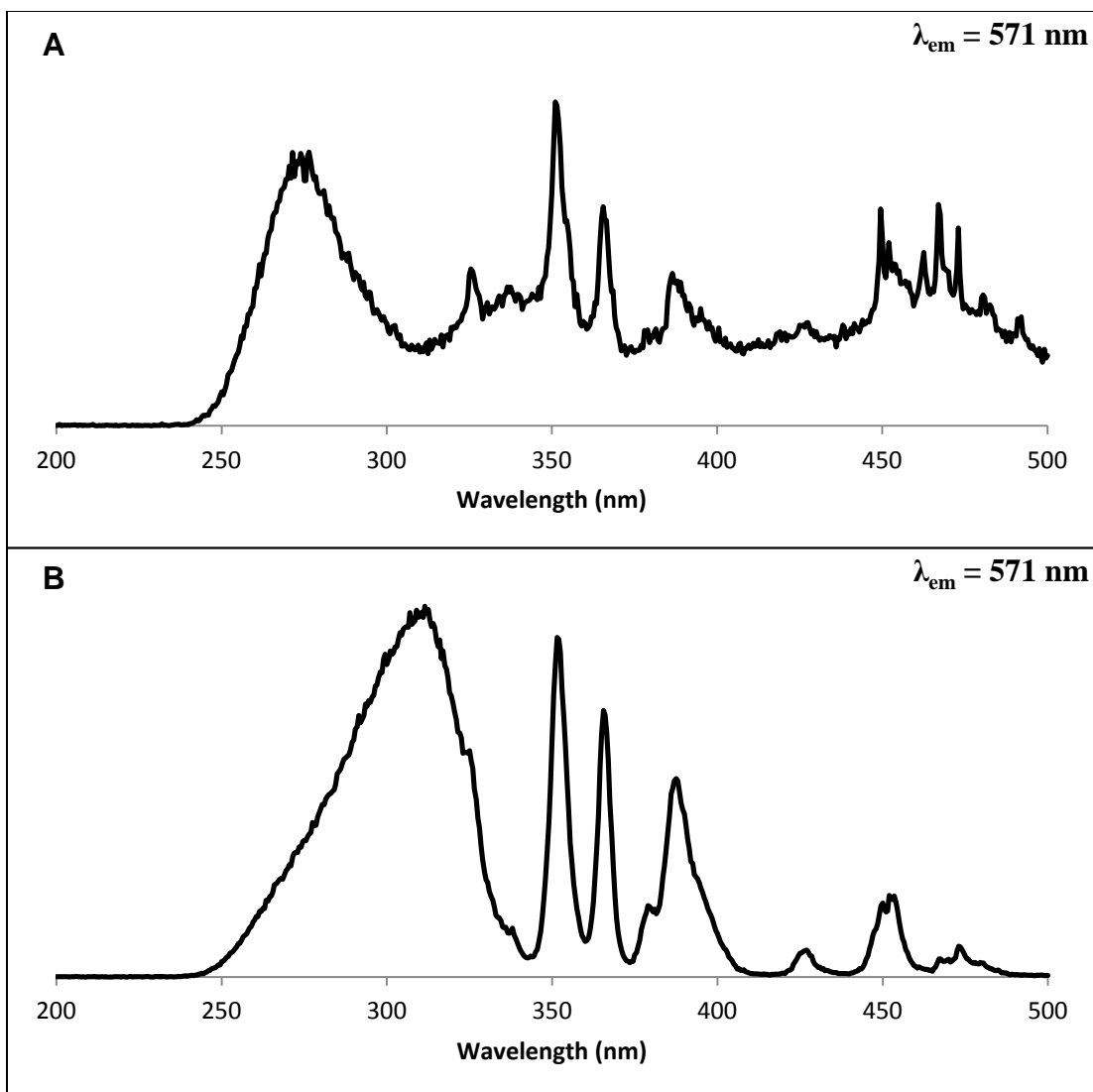
**Figure S3.** SEM image of **16** after a reaction time of 6 h.

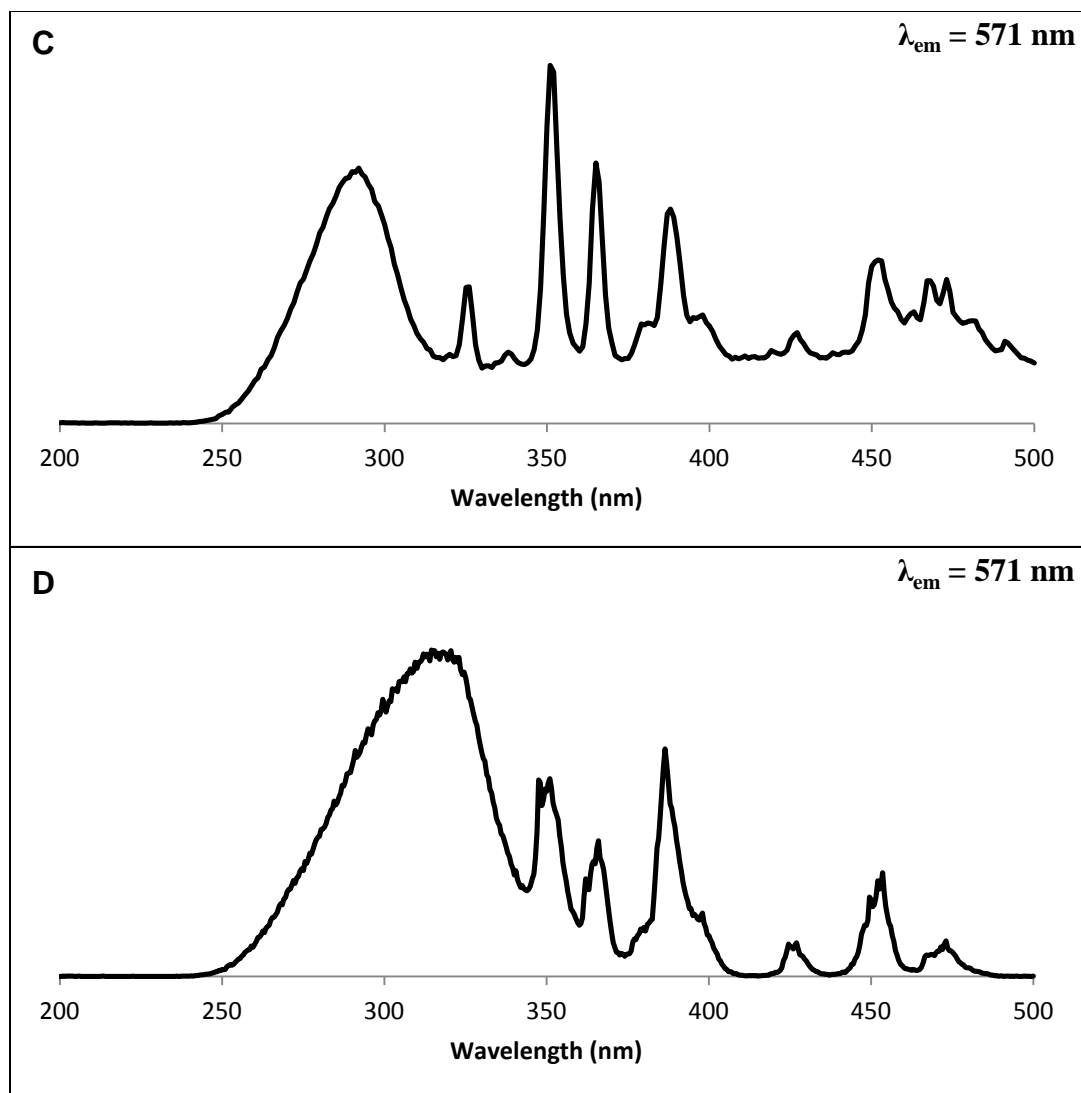


**Figure S4.** PL excitation and emission spectra of calcinated 5% Eu doped 6.



**Figure S5.** PL excitation and emission spectra of calcinated 5% Eu doped **15**.





**Figure S6.** PL excitation spectra of 5% Dy doped (A) **6** precursor, (B) **6**, (C) **15** precursor, (D) **15**.