

***In situ* synthesis of highly crystalline Tb-doped YAG nanophosphor using the mesopores of silica monolith as template**

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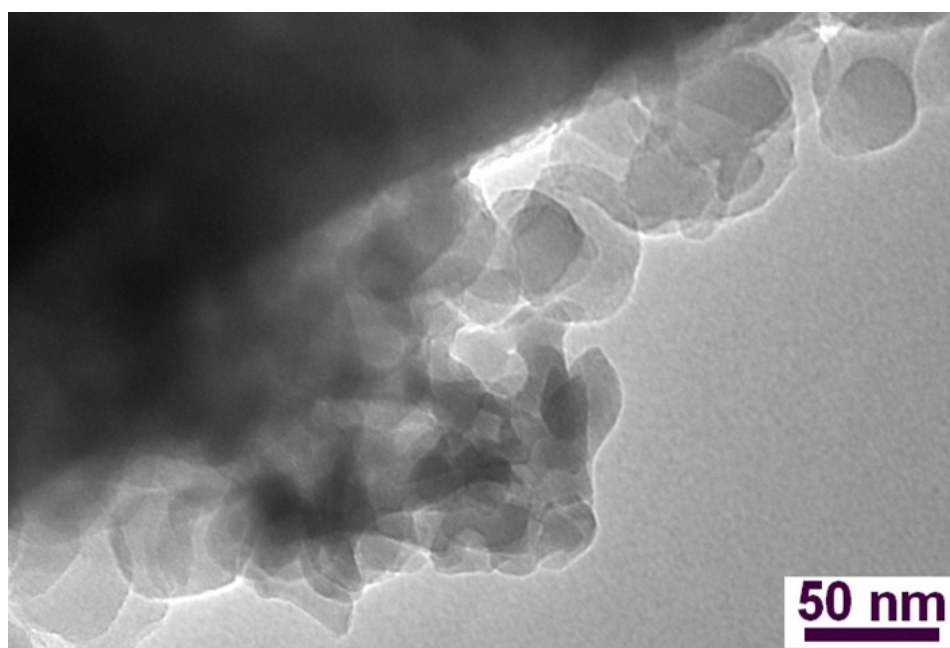


Figure S1. High magnification TEM image of grinded MSM-YAG:Tb nanocomposite

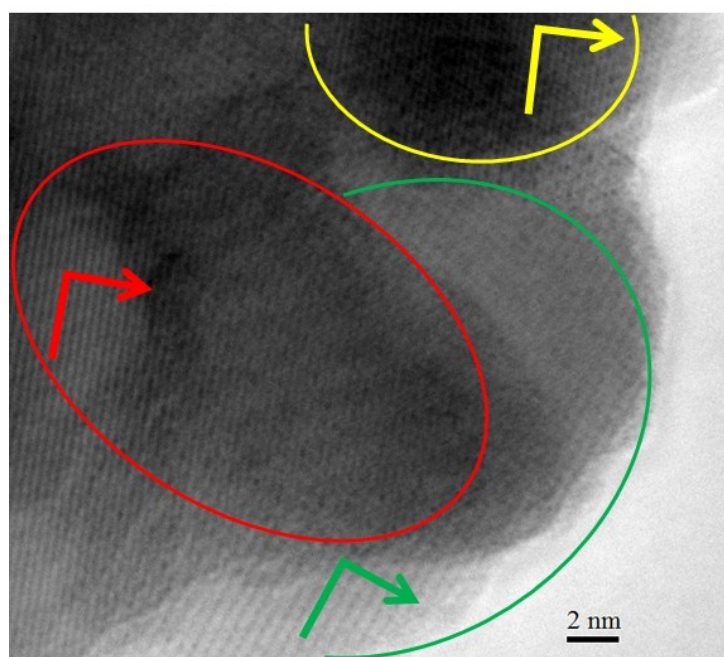


Figure S2. HRTEM image of MSM-YAG:Tb composite showing lattice fringes of (420)-yellow line, (321)-red line and (211) plans-green line of YAG structure.

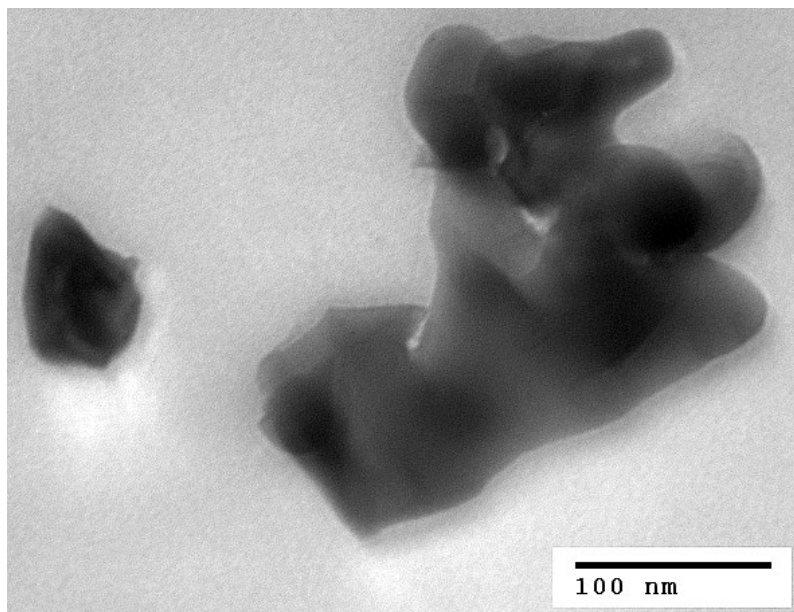


Figure S3. A representative TEM image of YAG:Tb crystalline powder