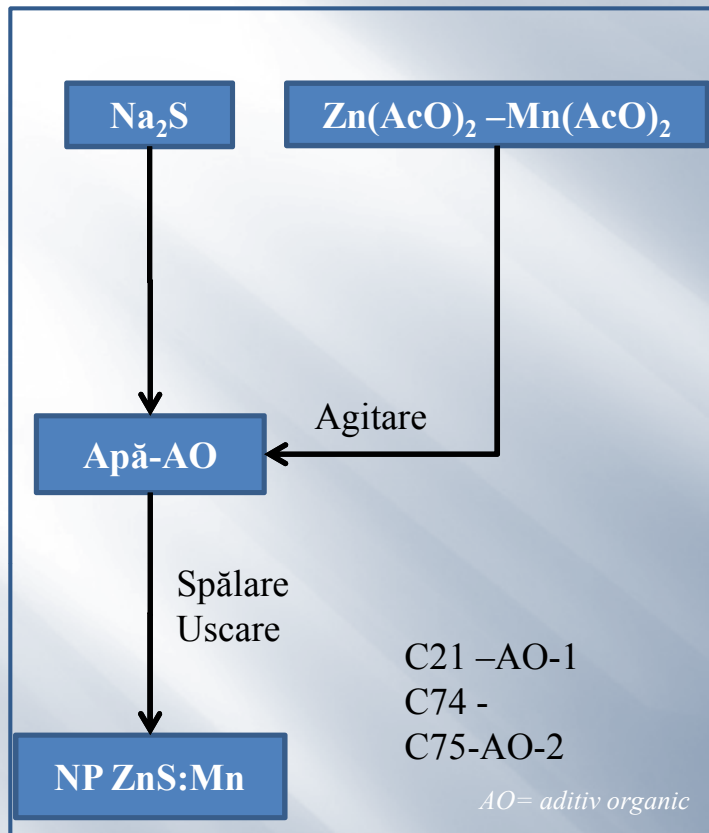
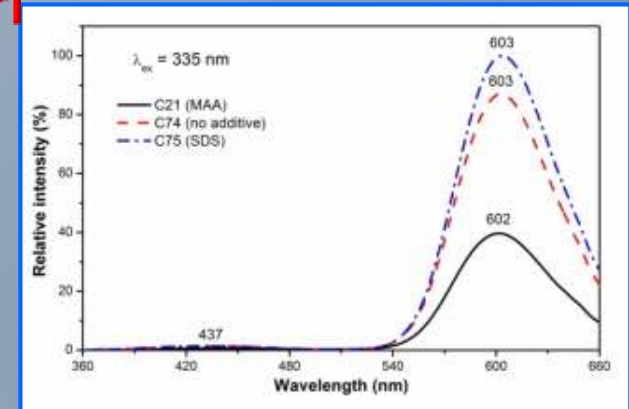


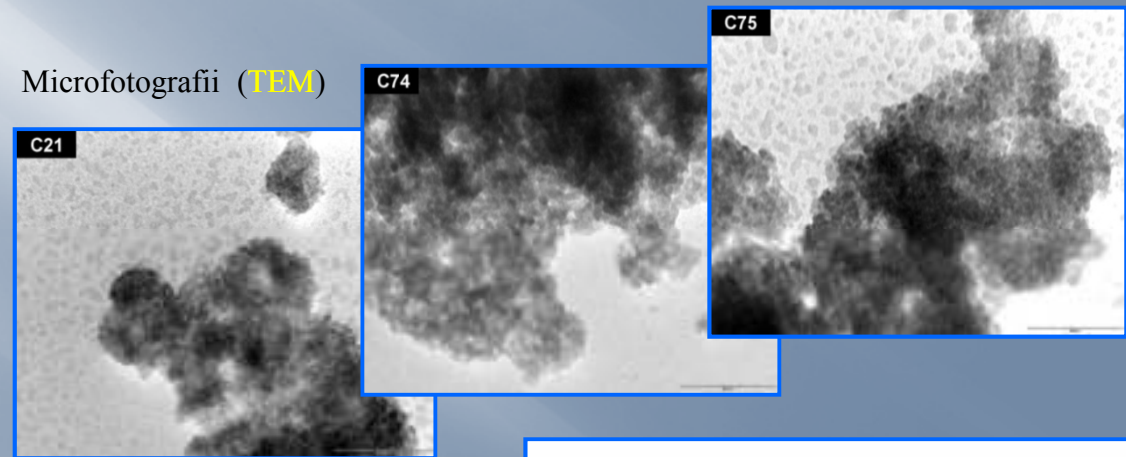
# Sinteza si proprietatile unor nanoluminofori NP-ZnS:Mn<sup>2+</sup> -tehnica SeqAdd



Spectre PL (emisie)



Microfotografii (TEM)

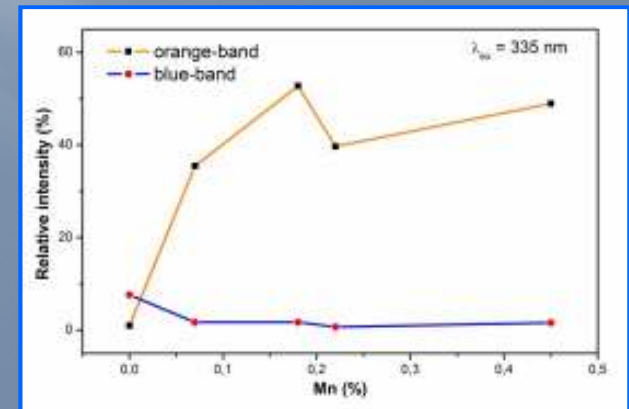


Concentratia % at. Mn (ICP-OES)

cod	introdus	determ.	Grad co-ppn.
C21	16.4	0.22	1.34 %
C74	16.4	0.67	4.09 %
C75	16.4	0.71	4.33 %

Parametri microcristalini (XRD)

cod	a=b=c [nm]	V [nm <sup>3</sup> ]	D <sub>eff</sub> [nm]	$\langle \varepsilon^2 \rangle^{1/2}_m \times 10^2$
C21	0.5415	0.1588	3.20	1.0408
C74	0.5422	0.1592	2.96	0.9469
C75	0.5416	0.1588	2.96	0.9459



Fotoluminescenta (PL) versus %Mn