

SUPPORTING INFORMATION

For the article:

Biomimetic systems as luminescent nanoprobe for medical imaging

Ahmed Al-Kattan^{1}, Pascal Dufour², Jeannette Dexpert-Ghys³ and Christophe Drouet¹*

Contacting authors' email address : ahmed.alkattan@ensiacet.fr

Figure S1: Emission spectra of apatite colloids doped with Eu/(Ca + Eu) initial molar ratios 1, 1.5 and 2 % Eu under excitation at 392.8 nm

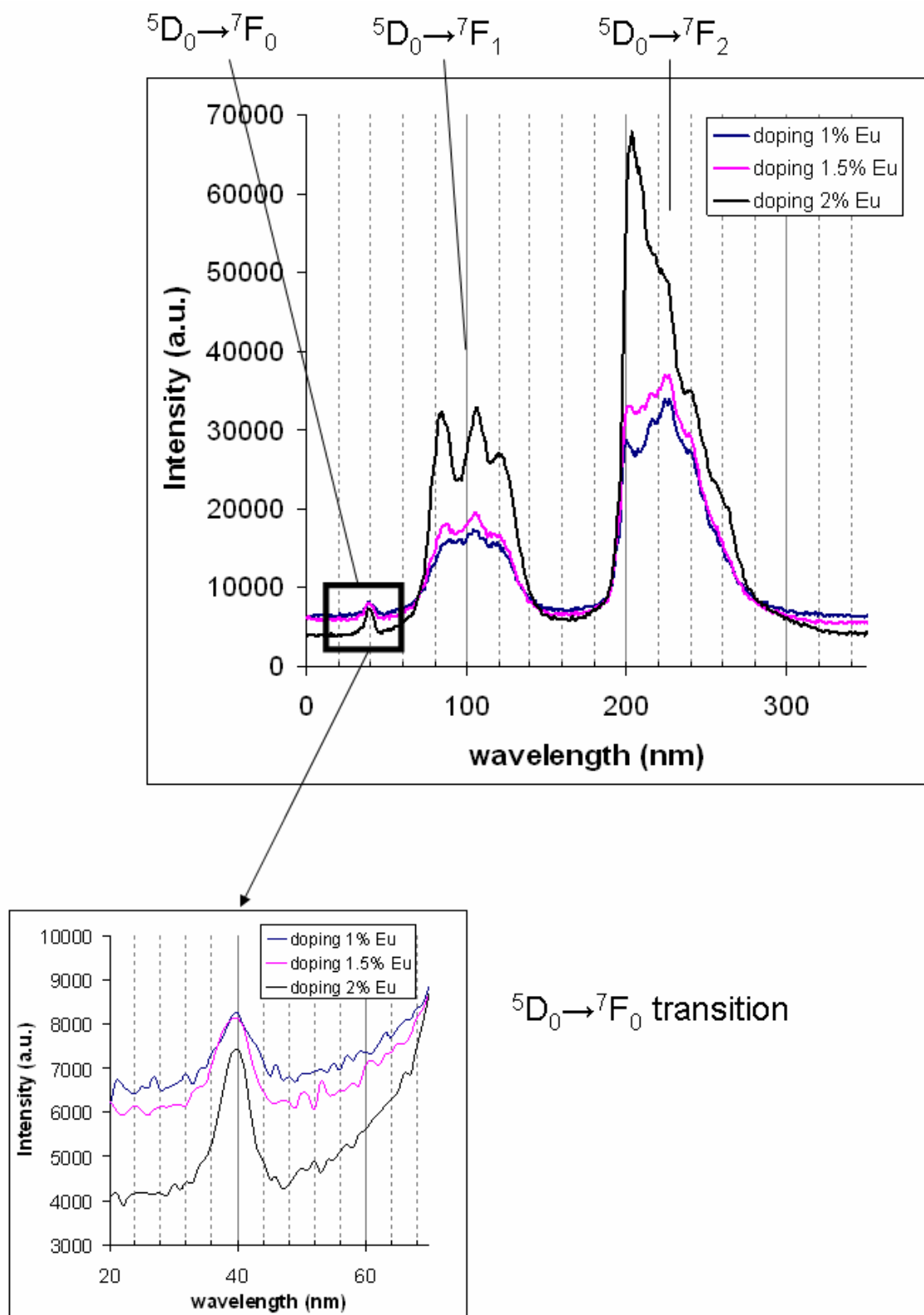


Figure S2: Luminescence decay profiles of the 5D_0 (Eu^{3+}) level for three apatite colloids: 1, 1.5 and 2 % Eu, under excitation at 392.8 nm and at ambient temperature

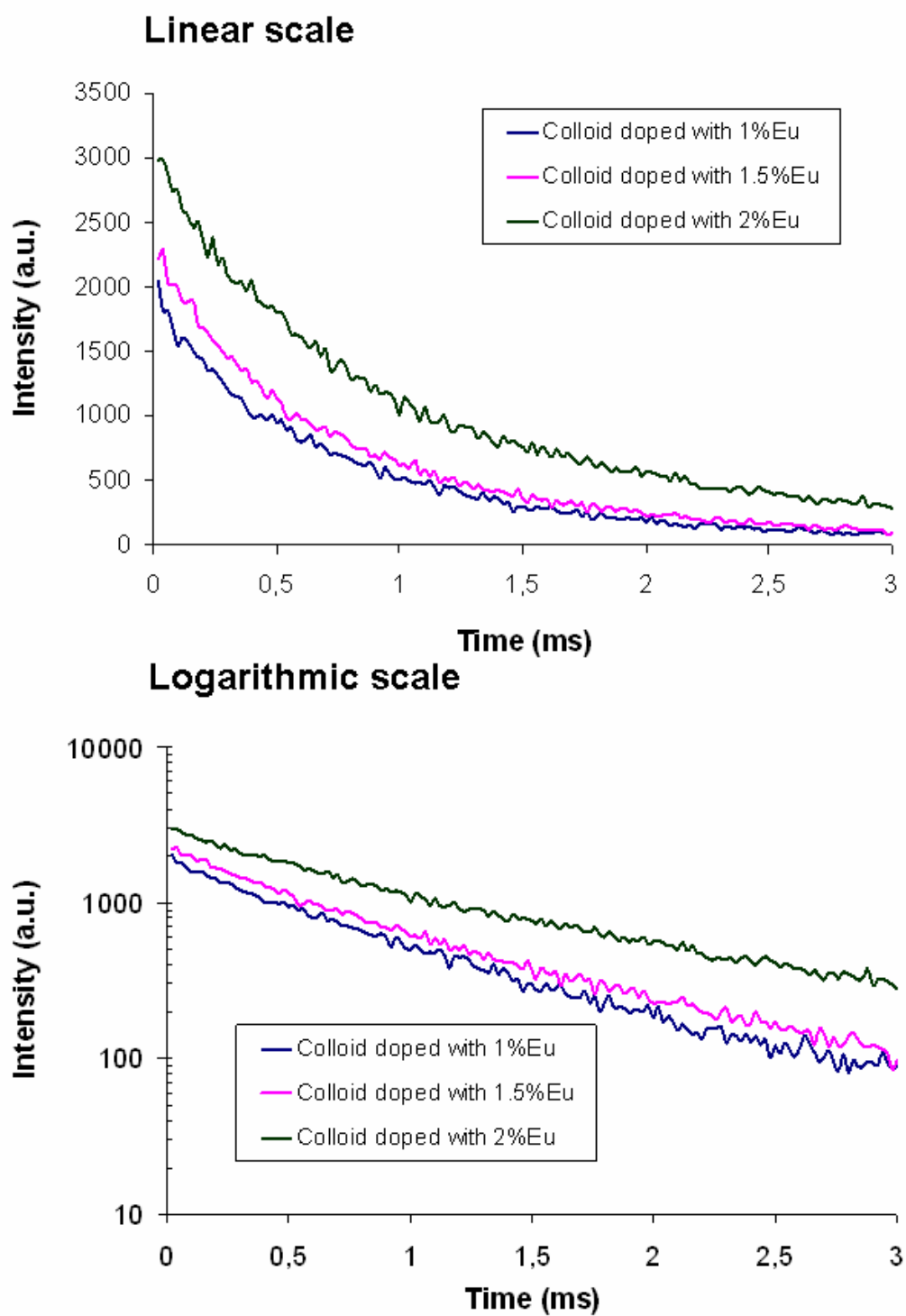


Figure S3: TEM micrograph for apatite colloid prepared from $\text{Eu}/(\text{Ca}+\text{Eu}) = 1.5 \%$

