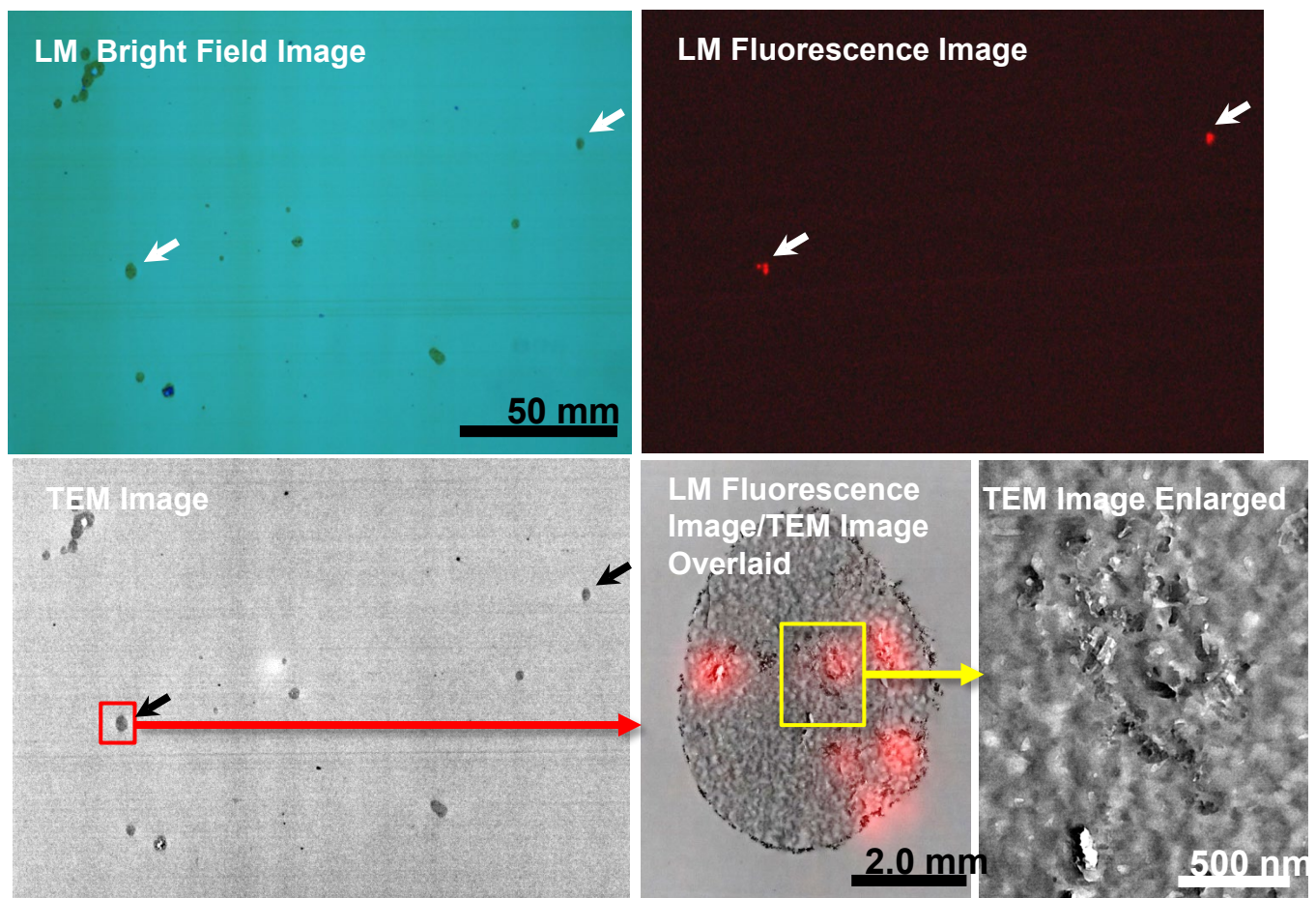


Identification of fine particles emitting fluorescence in toner

Product used : Transmission Electron Microscope (TEM)

In toner, there are a variety of color particles to produce vivid colors. Therefore, when irradiating specific light wavelengths to toner particles by using a light microscope (LM), fluorescence characteristic to each color particle can be observed. Using the “on chip CLEM” which enables overlaying images with high precision, we were able to easily identify fine particles that emitted fluorescence and perform detailed TEM observations.



Sample : Toner
 Imaging device: Nikon Eclipse LV100DA-U, TEM:JEM-1400flash

