

Nanoparticle Uptake Pathway Identification and Characterization in Plant Cells

Using Transmission Electron Microscopy (TEM), μ -X-Ray Analysis, Hyperspectral Imaging

F. Schwab¹, S. Marinakos¹, W. Liu², M. Auffan^{1,2}, C. Levard², B. P. Colman¹, E. S. Bernhardt¹, J.-Y. Bottero, M. Wiesner¹

¹ Duke University, Civil & Environmental Engineering Department / Biology Department, USA

² Centre de Recherche et d'Enseignement de Géosciences de l'Environnement (CEREGE), France

