

**Daniela Buccella** (New York, USA)



**NEW YORK UNIVERSITY**

Daniela Buccella, Associate Professor in the Department of Chemistry at New York University in New York, USA. She received a PhD in Chemistry from Columbia University, and completed NIH-sponsored postdoctoral training at the Massachusetts Institute of Technology. Her research group at NYU focuses on the development of new molecular probes and imaging strategies for the study of cellular metal homeostasis and chromatin remodeling by metalloenzymes. She has extensive experience in the development of fluorescent indicators for cellular detection of magnesium. Contact: [dbuccella@nyu.edu](mailto:dbuccella@nyu.edu)

In her talk, she will present the latest molecular fluorescent indicators for the selective visualization and quantitation of  $Mg^{2+}$  at the cellular and subcellular level, as well as their application in the study of magnesium changes in cell death and other processes.