

Dr Daniela Buccella

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Biographical sketch:

Daniela Buccella is a Professor in the Department of Chemistry at Emory University. Born and raised in Venezuela, she received a BS in Chemistry in 2002 from Simón Bolívar University in Caracas, and started research as an undergraduate in the Venezuelan Institute for Scientific Research under the supervision of Prof. Roberto Sánchez-Delgado. She moved to New York to pursue a PhD in Chemistry at Columbia University working with Prof. Ged Parkin in the area of inorganic synthesis and catalysis. Following an NIH postdoctoral fellowship at the Massachusetts Institute of Technology, where she worked with Prof. Stephen Lippard, she returned to New York City in the fall of 2011 to start her independent career studying problems at the interface of inorganic chemistry and biology. She was promoted to the rank of Associate Professor in 2017 and to Professor in 2023. Starting in September 2024, Prof. Buccella joined the faculty at Emory University in Atlanta, USA. Work in her research group focuses on the development of new molecular probes and imaging strategies for the study of cellular metal homeostasis, with a particular focus on divalent cations in the context of health and disease.

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