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2025 Charles L. Cooney Lecture

Neurochemical probes to study the formation of stable peer–relationships



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Department of Neuroscience

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Friday, 26 September 2025
3pm, 2:30pm reception
66-110

Professor Landry's research centers on the development of synthetic nanoparticle-polymer conjugates for imaging neuromodulation in the brain, on the study of lipid nanoparticle-cell membrane interactions, and for the delivery of genetic materials into plants. Markita is a member of the scientific advisory boards and a consultant for several major agricultural companies, and co-founder and CSO of Biophilia Genetics. She is a recipient of over 40 career awards, including awards from the Burroughs Wellcome Fund, the Schmidt Foundation, the McKnight Foundation, the DARPA Young Investigator program, the Beckman Young Investigator program, the NSF CAREER award, and the Sloan research fellowship. Markita has also received numerous prizes recognizing her contributions to science, including the 2022 Vilcek Prize for Creative Promise in Biomedical Science, the 2024 Blavatnik National Prize as a Laureate in Chemistry, and the 2025 Guggenheim fellowship.

