

Faculty Name:

Santiago Correa

Faculty Email:

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Lab:

Nanoscale Immunoengineering Lab

Project Title:

Layer-by-Layer Nanoparticle based Supramolecular Hydrogels

Description:

The student will learn to fabricate multi-layered polymeric nanoparticles, and explore if these nanosystems can be used to non-covalently crosslink high molecular weight polymers to generate a new class of hydrogel. If successful, this new material could have important implications for local drug delivery and immunotherapy. The student will learn basic wet lab techniques, nanofabrication and rheology over the course of the project.

Location of Research:

On-Site

of hrs/week:

40

Department/Program:

Biomedical Engineering

Eligibility:

MS

To apply, please contact:

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