



MMI 291 Seminar Series

Current Theme: Interdisciplinary Research

Spring Quarter 2020 – CRN 73287

Friday Seminar – 12:10-1 p.m.



“Engineering Particulate-Based Systems to Influence the Immune System”

Bio

Jamal Lewis is an Assistant Professor in Biomedical Engineering at the University of California, Davis. Prior to his professorship, Dr. Lewis was Senior Scientist at OneVax, LLC and a Post Doctoral Associate in the J. Crayton Pruitt Family Department of Biomedical Engineering at the University of Florida, where he also received a Ph.D. in Biomedical Engineering in 2012. Dr. Lewis completed his B.S. in Chemical Engineering from Florida A&M University in 2004, and M.S. in Biomedical Engineering in 2007 from North Carolina State University.

His research, educational and entrepreneurial efforts have been supported by the NIH. His honors and awards include the prestigious NIH Early Stage Investigator MIRA, Regenerative Medicine Workshop Young Faculty Award, and the Society for Biomaterials STAR Award.

Publications

The latent, immunosuppressive nature of poly(lactic-co-glycolic acid) microparticles. Allen, R.P. Et al. ACS Biomaterials Science and Engineering. February 2018.

Combinatorial, Microparticle-Based Delivery of Immune Modulators Reprograms Dendritic Cell Phenotype and Promotes Remission of Collagen-Induced Arthritis in Mice. Riley Allen Et al. ACS Applied Bio Materials. May 2019.

Towards a Nanoparticle-based Prophylactic for Maternal Autoantibody-related Autism. Amir Bolandparvaz Et al. Nanomedicine, Volume 21, October 2019.

April
3



Jamal S. Lewis, Ph.D.

Assistant Professor, Biomedical Engineering
College of Engineering
UC Davis

**April 3, 2020
12:10 – 1 p.m.
ZOOM Meeting**

Medical Microbiology
& Immunology
School of Medicine

Seminar Contact:
Veronica Keys
530-752-9401
vlkeys@ucdavis.edu

We hope to see you there!