"Synthetic Biology in Personalized Immunotherapy"

171 Durham, Thursday, September 1,11:00 a.m.

Synthetic biology, a relatively young field, has played a pivotal role in bringing biotechnology to the forefront of academic research and industrial practice. By focusing on the engineering of single target proteins, a great number of value-added natural and unnatural proteins have been successfully generated and commercialized, such as monoclonal antibodies, industrial enzymes, protein pharmaceuticals, etc. Looking forward to address challenges in more complex systems, the next generation protein engineering strategies that focus on the function of protein assemblies are desired. In this presentation, I will discuss how these novel strategies will lead to enabling technologies in human health, especially with respect to personalized immunotherapy with the aim to induce sustained and tunable antigen-specific T cell responses.



Fei Wen Assistant Professor University of Michigan

Refreshments will be provided in 2061 Sweeney Hall at 10:30 a.m.

If you plan to attend, email a question to bellinda@iastate.edu and the speaker will answer your question!



Chemical and Biological Engineering

Graduate Seminar Series 2016-2017 *www.cbe.iastate.edu/events*

Department of Chemical and Biological Engineering