



AAPS Nanotechnology community

Free Webinar by:

Dr. Thomas J. Webster

Professor, Art Zafiropoulo Chair in Engineering, [Chemical Engineering](#),
Northeastern University College of Engineering, Boston, Massachusetts

May 26th, 2020
(12.00 pm -1.00 pm
EST)

Nanomedicine and COVID-19: Thoughts on Improved Prevention, Detection, and Therapies

Abstract:

As we are in the middle of the COVID-19 pandemic, numerous researchers from across the globe are frantically looking for solutions for improved prevention, detection, and therapies. One area that has received a lot of attention includes the use of materials the same size as COVID-19 itself: nanomaterials. Nanomedicine, or the use of nanomaterials in medicine, provides promise for all aspects of the COVID-19 pandemic as, to just name a few approaches, functionalized nanofibers can provide for improved protection, nanoparticle based biosensors can improve detection sensitivity, and theranostic nanoparticles hold significant promise to both detect and deactivate COVID-19 once in the body. This presentation will cover this as well as other advances nanomedicine is making towards the COVID-19 pandemic.

How to join: <https://famuzoom.us/meeting/register/tJwtdumorzssEtehZrwkC0up6ZKhl6UeMY5S>

If you have trouble in logging in, please email: mandip.sachdeva@gmail.com; vivekvagrahari@gmail.com