



Hong Laboratory

PhD and Postdoctoral Positions

Graduate and postdoctoral positions are available in the laboratory of Prof. Seungpyo Hong in the Division of Pharmaceutical Sciences at the University of Wisconsin–Madison. Our research spans the interface of materials sciences, biology, and nanotechnology to develop novel nanomedicines and devices for biological analysis, diagnosis, and therapeutics. We are seeking to understand and manipulate the biological interactions of polymers with cells at the nano-scale. Current projects include:

Nanoparticle drug delivery for improved cancer immunotherapy and combination therapies

- Journal of the American Chemical Society, 2020
- Nano Letters, 2020

Novel hybrid nanoparticles for enhanced targeting and therapeutic efficacy

- Nanomedicine: NBM, 2019
- Nanomedicine: NBM, 2018
- ACS nano, 2016

Biomimetic, multifunctional liquid biopsy devices for the isolation of circulating tumor cells and tumor-derived exosomes from peripheral blood samples.

- Nano Letters, 2020
- Biosensors and Bioelectronics, 2020
- Clinical Cancer Research, 2017

Our work is being conducted in a highly interdisciplinary and collaborative environment that provides opportunities for students and scholars with backgrounds in chemistry, engineering, biology, medicine, and pharmaceutical sciences.

Application Process:

For further information about the Hong lab, please visit our website:

<https://pharmacy.wisc.edu/hong-lab/>