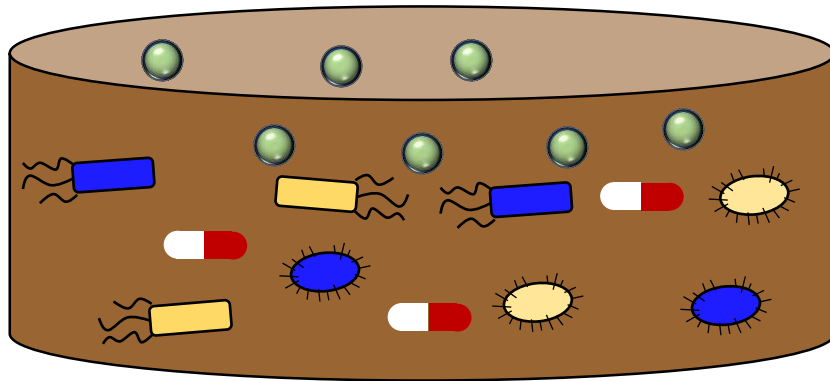
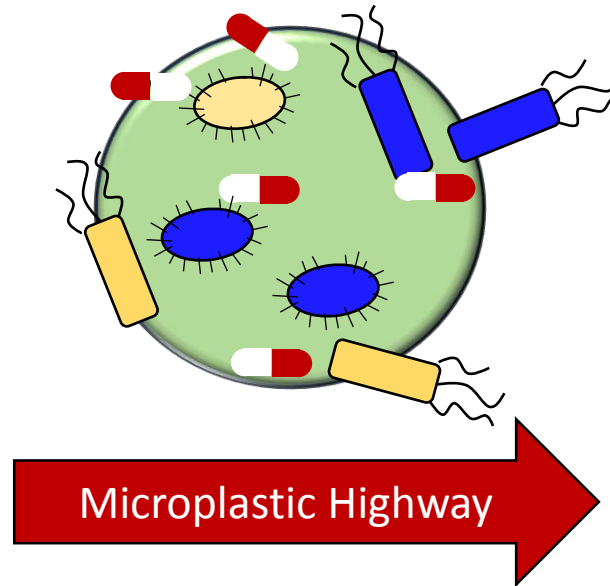


Microplastic can Mobilize Pharmaceutical Transforming Microorganisms

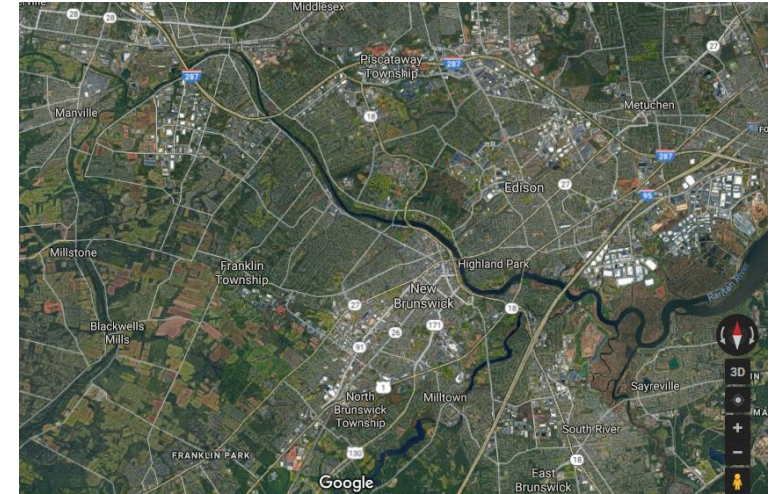
Abigail Porter, Ph.D.
Dept. of Environmental Sciences, SEBS



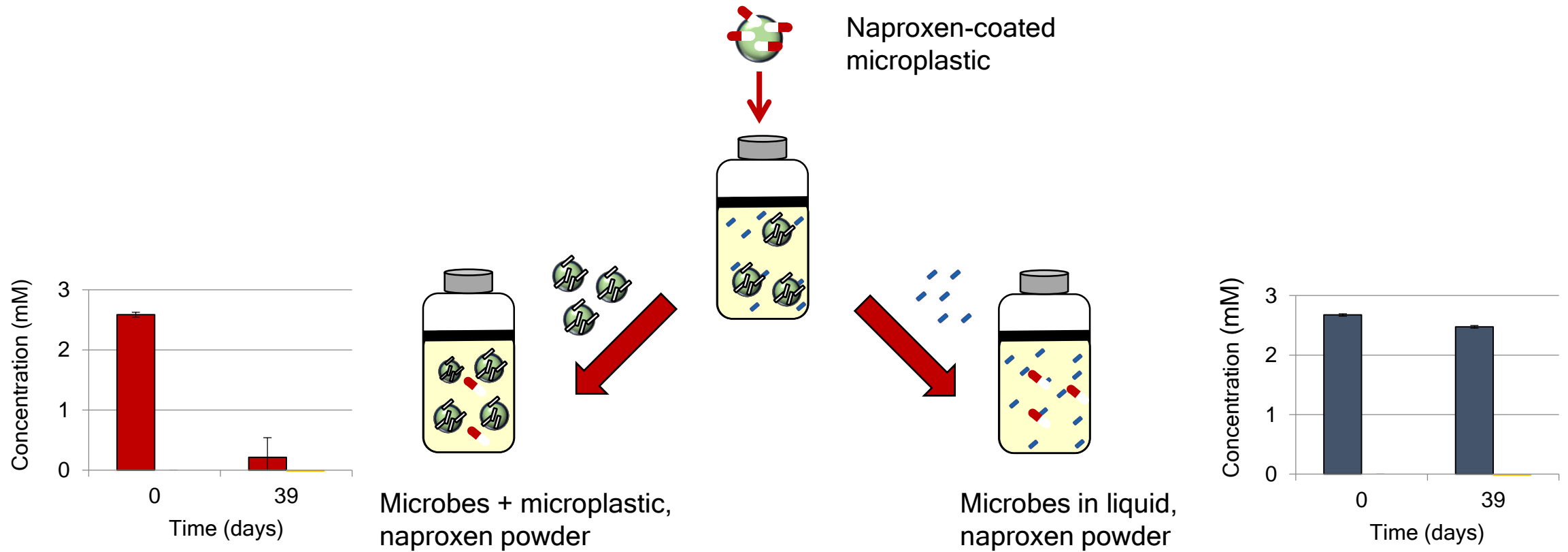
Wastewater Treatment



Microbe-Microplastic-Pharmaceutical
Complex



Raritan River



Findings:

- Naproxen is metabolized **only** in cultures with microplastic.
- Microbes on microplastic differ in composition and function from those in liquid.

Significance:

Microplastic may serve as a highway for transporting pharmaceutical-degrading microbes from wastewater treatment into new environments.