Postdoctoral Fellowships in Cancer Nanomedicine  
Day Lab, University of Delaware, Newark, DE

Highly motivated candidates are sought for 2 postdoctoral researcher positions available in the laboratory of Dr. Emily Day at the University of Delaware, which are funded with support from the National Institutes of Health and the W.M. Keck Foundation. The candidates will develop nanoparticles for treatment of cancer through gene regulation or photothermal immunotherapy, and test these nanoparticles using in vitro and in vivo models of disease. The Day lab is affiliated with the Department of Biomedical Engineering at the University of Delaware, as well as with the Center for Translational Cancer Research at the Helen F. Graham Cancer Center & Research Institute. More information about the Day Lab is available at: http://sites.udel.edu/daygroup.

Experience:
Candidates must have a doctorate in Biomedical Engineering, Chemical Engineering, Chemistry, Materials Science, or a related discipline. Preference will be given to applicants with animal handling experience, particularly with murine models of cancer, and to candidates with experience using nanoparticles for nucleic acid delivery or immunotherapy. Candidates should have expertise in one or more of the following areas: nanoparticle synthesis and characterization, cell culture, qRT-PCR, Western blotting, microscopy, RNA interference, immunotherapy, photothermal therapy, drug delivery, histology. Candidates must also demonstrate good scientific communication skills, enthusiasm for interdisciplinary research and collaboration, and the ability to mentor graduate and undergraduate students.

Application Process:
Qualified applicants should send a cover letter including relevant experience and anticipated availability date, curriculum vitae, and contact information for three references to: Emily Day at emilyday@udel.edu.

Review of applications will continue until the positions are filled.