

POSTDOCTORAL FELLOWSHIPS IN IMMUNOENGINEERING

Highly motivated candidates are sought for postdoctoral fellowship positions in the laboratory of Professor John T. Wilson at Vanderbilt University. The Wilson Lab (www.wilsonlabvanderbilt.com) is working at the interface of engineering and immunology to pioneer next generation immunotherapies. **Current projects are supported by several multi-year grants focused on the development of molecularly engineered therapeutics for cancer immunotherapy and infectious disease vaccines.** Successful applicants will have the opportunity to lead the development of new immunotherapeutic technologies by bringing together expertise in polymer and medicinal chemistry, nanotechnology, pharmaceutical science, and immunobiology. The ideal candidate will:

- Have a Ph.D. in Chemistry (e.g., Organic Chemistry, Pharmaceutical Chemistry, Polymer Chemistry) or Engineering (e.g., Chemical, Biomedical, Materials Science & Engineering) and a strong publication record in polymer chemistry, materials science, biomaterials, nanomedicine, drug delivery, or related disciplines.
- The ideal candidate will have experience in the areas of chemistry/biomaterials, drug delivery/pharmaceutical sciences, and immunology, but there will be opportunities to gain new skills in all of these areas.
- Demonstrate strong oral and written communication skills, and the ability to organize material for seminars, journal publications, and grant submissions.
- Be able to work well in a multidisciplinary, diverse, and collaborative research environment.
- Be highly motivated to publish rigorous and high-impact work.
- Have a genuine and infectious excitement for science, innovation, and creative thinking.

This is a unique and exciting opportunity. First, you will receive training in the cutting-edge and fast-developing fields of immunoengineering and cancer immunotherapy. Second, you will join a fun, dynamic, and interdisciplinary multi-investigator research team comprising chemists, engineers, immunologists, cancer biologists, and translational scientists. Our lab is located in the new, state-of-the-art Engineering and Science Building (ESB). We are highly diverse, supportive, and inclusive group; we care deeply about our trainees and make their success our top priority, independent of their background, experiences, preferences, or beliefs. Third, you will benefit from additional expertise and resources available on the compact and highly collaborative Vanderbilt campus, including the Vanderbilt Institute of Nanoscale Science and Engineering, the Vanderbilt-Ingram Cancer Center, the Vanderbilt Institute for Infection, Immunology and Inflammation, and the Vanderbilt University Medical Center, to name only a few. The close proximity of diverse research expertise is a powerful contributor to the success of interdisciplinary and translational research at Vanderbilt, and will provide you with rich opportunities for research, funding, and career networking. Finally, Vanderbilt is located in Nashville, Tennessee, a thriving and growing city with major cultural, professional, and athletic institutions. Nashville, known as "Music City USA," offers not only a world-class music scene, but also excellent food, breweries, museums, outdoor activities, and weather.



Compensation will be at or above NIH postdoctoral guidelines, and will include a competitive benefits and retirement package offered by Vanderbilt University. Postdoctoral researchers will receive a renewable, annual contract with the expectation of completing 2-4 years of training. Flexibility to pursue research in personal areas of interest, to apply for grants and fellowships, and to develop independent research directions will be encouraged. Interested candidates should assemble an application in a single PDF file consisting of a **i)** cover letter, **ii)** curriculum vitae (including a complete list of publications), **iii)** contact information for three references, and **iv)** two first author manuscripts that have been published or accepted for publication. The cover letter should include a description of the candidate's relevant research experience, research interest, goals and expectations for the position, and preferred start date. The application should be e-mailed to Prof. John T. Wilson at john.t.wilson@vanderbilt.edu using the subject line "**Postdoctoral position in the Wilson Lab.**"