Postdoctoral Fellow (multiple positions)

T-cell Therapy for Solid Tumors #2099BR

We are seeking enthusiastic scientists to work in the Biosciences Division of SRI International. Candidates will bring contemporary scientific approaches and be motivated to contribute intellectually in a dynamic team environment. Candidates will be mentored for establishing independence in research and contribute to SRI’s mission of creating world-changing solutions that make people safer, healthier, and more productive.

We have transformed the T cell into a vector for synthesizing calibrated amounts of engineered proteins in vivo (see NIH Science Highlight, T-cell biofactories find, fight disease in one fell swoop; and publication in Advanced Biosystems, 2018), which may be reprogrammed to target different disease cells, e.g. cancer, viral infections, autoimmune disorders. The T-cell Biofactory may lead to a “living drug” that will extravasate to the disease sites, assess the disease burden, synthesize calibrated amount of engineered therapeutic proteins upon stimulation by the diseased cells, and reduce targeting of normal cells.

Successful candidates will develop T-cell Biofactories for targeting solid tumors. Candidates will choose among different target diseases including ovarian cancer, pancreatic cancer etc. In vivo experience will be a plus. Candidates will write scientific publications and participate in the preparation of grant applications.

About SRI International
From the computer mouse to robotic surgery, cancer treatments, Siri, and more, SRI's 70+ years of innovation have created new industries, billions of dollars in market value, and lasting benefits to society. SRI Biosciences conducts advanced, interdisciplinary research to find solutions to global health problems. We are leaders in health sciences and clinical medicine with focus on next-generation technologies in cell therapies, genetics, pharmaceuticals, bioinformatics, neuroscience, and medical devices. Our partners include government, academic, and biotechnology organizations. As an integrated team, we work with the internal venture division to take therapeutics from Idea to IND® and beyond—from initial discoveries to first in human studies.

Requirements
PhD in immunology, cancer biology or related field is required. Candidates are expected to have excellent communication, writing, and organizational skills. They will be self-starters with the ability to design and execute laboratory experiments, critically interpret experimental results, and present the data in a clear and concise manner. Note: This position is located in the San Francisco Bay Area (Menlo Park, CA), and includes full benefits plus relocation assistance.

To learn more about SRI International’s efforts in this research program, please contact:

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